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NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

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

Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i).
- In accordance with NC General Statutes Chapter 89C and 89E and NC Solid Waste Management Rules 15A NCAC 13B, be sure to affix a seal to the bottom of this page, when applicable.
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

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

Waste Management of Carolinas, Inc.

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

Name: G. Van Ness Burbach, Ph.D., P.G. Phone: (336) 323-0092

E-mail: vburbach@joyceengineering.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Piedmont Landfill and Recycling Center	9900 Freeman Road Kernersville, NC	34-06	.1600	September 12 - 13, 2007

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.

Mark R. Snyder, P.E. Project Manager - Closed Sites (770) 805-3529

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

Signature 12/19/07 Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

Revised 01/2007

WASTE MANAGEMENT

WASTE MANAGEMENT SOUTHERN GROUP
2859 Paces Ferry Road
Suite 1600
Atlanta, GA 30339
(770) 805-4130

December 19, 2007

NC Department of Environment and Natural Resources
Division of Waste Management – Solid Waste Section
1646 Mail Service Center
Raleigh, North Carolina 27699-1646
Attn: Mr. Mark Poindexter

Re: Second 2007 Semiannual Detection and Assessment Groundwater Monitoring Event
Piedmont Landfill and Recycling Center, Kernersville, North Carolina
Permit Number 34-06

Dear Mr. Poindexter:

Please find enclosed one (1) original copy of a report documenting the *Second Semiannual Detection and Assessment Groundwater Monitoring Event for 2007* at the above referenced facility. Samples were collected by Professional Technical Support Services (ProTech) on September 12 – 13, 2007, and Joyce Engineering, Inc. on November 15, 2007 Both sets of samples were subsequently transported to the TestAmerica, Inc. (formerly Severn Trent Services) laboratory in Denver, Colorado for analyses.

The Piedmont Landfill and Recycling Center is a closed municipal solid waste landfill that last received waste in mid-2004. The facility was subsequently entered into post-closure care in accordance with Rule .1627(d) of the North Carolina Solid Waste Management Rules as of October 29, 2004. All points at the facility are currently being monitored under a Detection Monitoring Program in accordance with Rule .1633 with the exception of MW-9R. MW-9R is currently being monitored under an Assessment Monitoring Program in accordance with Rule .1634.

This letter also serves notification that we have a confirmed statistically significant increase (SSI) in MW-02 for vinyl chloride. A copy of this letter is being placed into the operating record in accordance with Section .1633(c)(1). It is our intent to pursue an Alternate Source Demonstration (ASD) that will support landfill gas as being the source of the contamination observed in MW-02, in accordance with Section .1633(c)(3). A report documenting the ASD will be submitted to NC DENR within 90 days of this notification. In the even the ASD is not successful or is rejected by NC DENR, assessment monitoring will be implemented in accordance with Rule .1633(c)(2).

The next sampling event at the Piedmont Landfill and Recycling Center is scheduled for the month of February 2008. If you have any questions regarding the contents of this report or require additional information, please contact me at (770) 805-3529.

Sincerely,

Waste Management of Carolinas, Inc.

Received
DEC 2007
Waste Management

Mark R. Snyder, P.E.
Project Manager, Closed Sites

enclosure

cc: March Smith, WMCI (w/o enclosure)
Van Burbach, Ph.D., P.G. – JEI

Prepared For:

Piedmont Landfill & Recycling Center
9900 Freeman Road
Kernersville, North Carolina 27284
Permit No. 34-06

WASTE MANAGEMENT

Piedmont Landfill & Recycling Center Second Semiannual Detection and Assessment Groundwater Monitoring Event for 2007

December 2007

Prepared By:

ENGINEERING, INC.

2211 West Meadowview Road, Suite 101
Greensboro, North Carolina 27407
(336) 323-0092

Piedmont Landfill & Recycling Center
Second Semiannual Detection and Assessment Groundwater Monitoring Event for 2007

December 2007

Prepared by:

JOYCE ENGINEERING, INC.

2211 West Meadowview Road, Suite 101
Greensboro, North Carolina 27407

NORTH CAROLINA LICENSED SEAL 1349 GEOLOGIST G. VAN NESS BURBACH

Prepared by:

G. Van Ness Burbach, Ph.D., P.G.
NC License # 1349

Reviewed by:

Michelle M. Brown

ENGINEERING, INC.

Waste Industry Experts

Joyce Engineering, Inc
2211 W. Meadowview Road
Suite 101
Greensboro, NC 27407

tel: 336/323-0092
fax: 336/323-0093

www.JoyceEngineering.com

December 13, 2007

Mr. Mark R. Snyder, P.E.
Project Manager, Closed Sites
Waste Management
2859 Paces Ferry Road, Suite 1600
Atlanta, Georgia 30339

RE: Second Semiannual Detection and Assessment Groundwater Monitoring Event for 2007 Piedmont Landfill & Recycling Center Permit Number 34-06 JEI Project No. 392.00, Task 64

Dear Mark,

The purpose of this report is to provide you with a complete submittal to satisfy the groundwater monitoring compliance requirements for the closed Piedmont Landfill and Recycling Center's second semiannual groundwater monitoring event of 2007. This report may also serve to fulfill the notification requirements of Rule .1634 (g) of the North Carolina Solid Waste Management Regulations (NCSWMR).

Sampling for the event was performed on September 12-13, 2007 by Pro-Tech. During this semiannual event, all of the site compliance wells and surface water monitoring points were sampled and analyzed for the NC Appendix I list of constituents; except for MW-9R, which was sampled for the NC Appendix II list of constituents. The site leachate was also sampled during this event for the required list of parameters. Monitoring well MW-02 was resampled on November 15, 2007 for two detected organic compounds. The laboratory analytical reports, field data sheets, and chains of custody are provided as *Appendix 1* of this letter report.

MONITORING PROGRAM HISTORY

The site entered into an Assessment Monitoring Program for background wells MW-1 and MW-6, and downgradient well MW-9R after volatile organic constituents were detected in MW-9R during the second semiannual event of 1996. Per receipt of approval from the North Carolina Department of Environment and Natural Resources (NC DENR), all wells at the site reverted to the Detection Monitoring Program as of the second semiannual event in 1999, as allowed by 15A

NCAC 13B.1634 (b). Due to a subsequent detection of 1,1-dichloroethane in MW-9R during the first semiannual event in 2000, the site performed Assessment Monitoring on wells MW-1, MW-6, and MW-9R through the second semiannual event of 2001. Following NC DENR approval of an August 20, 2001, request by Waste Management, MW-1 and MW-6 again reverted to Detection Monitoring. Monitoring well MW-9R will continue to be sampled for the NC Appendix I list of constituents plus detected Appendix II constituents during the first semiannual event and NC Appendix II list of constituents during the second semiannual event as long as statistically significant increases continue to be present.

STATISTICAL ANALYSIS SUMMARY

The results of the statistical analysis of the September 2007 groundwater monitoring event are summarized below and in *Table 1*. The detailed statistical analysis for this event is provided as *Appendix B*. The data for each inorganic parameter were statistically compared to historical data for each well utilizing an intrawell approach, in accordance with the facility's statistical analysis plan, EPA guidance document ("*Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Addendum to Interim Final Guidance*" July 1992) and ASTM standard D6312-98 ("*Standard Guide for Developing Appropriate Statistical Approaches for Ground-Water Detection Monitoring Programs*"). Statistical analyses for inorganic constituents were completed using the combined Shewhart-CUSUM control chart method. Organic constituents were directly compared to 15A NCAC 2L Groundwater Standards (NC 2L) or to the North Carolina Department of Environmental and Natural Resources (DENR) Solid Waste Section Limits (SWSL).

Detection Monitoring Event

MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-10, MW-11, MW-12, MW-4D, MW-11D, MW-12D, and Surface Water Sampling Points: S-01, S-02, S-03, S-04, and S-05

During the second semiannual event of 2007, fourteen detection monitoring wells and five surface water points were sampled for the NC Appendix I list of constituents. The analytical results for the September 2007 event are provided in *Appendix A* of this report. Quantified detections are summarized in *Table 1*.

Inorganic Constituents

Inorganic constituents with quantified detections (above the SWSL) in one or more groundwater or surface water sample included; barium in MW-02; chromium in MW-03 and MW-04D, and zinc in MW-12. Zinc in MW-12 was flagged as blank-qualified in the laboratory report; however, since it was greater than 5 times the blank concentration, it should be considered a legitimate detection. None of these detections were above the NC-2L groundwater standard

and none were statistically significant increases (SSI's) above background. No other Appendix I inorganic constituents were detected above the SWSL in any detection monitoring well or surface water sample during the September 2007 sampling event.

Organic Constituents

Two organic constituents, benzene (1.1 µg/L) and vinyl chloride (1.3 µg/L), were detected at quantifiable concentrations (above the SWSL) in MW-02 during the September 2007 sampling event. Both of these detections represented NC-2L exceedances. A resampling event was conducted for MW-02 on November 15, 2007, and the sample was analyzed for these two compounds. The results indicated benzene at an estimated concentration of 0.98 µg/L, which is below both the SWSL and the NC-2L standard; however, the resampling results confirmed the vinyl chloride exceedance at 1.3 µg/L. The laboratory report for the resampling event is included in *Appendix A*. There were no other organic constituents detected in any of the detection monitoring wells or surface water samples during the September 2007 sampling event.

The confirmed detection of vinyl chloride in MW-02 at a concentration in exceedance of the NC-2L groundwater standard is not consistent with previous results. It has been demonstrated that organic constituents previously detected in other wells at this site are related to landfill gas impacts. It is likely that the vinyl chloride in MW-02 is also a result of landfill gas migration impacting the groundwater. Recent drought conditions may also have contributed to the impact by depressing the water table, allowing freer migration of gas and reducing the dilution and dispersion of impacts to the groundwater by reducing groundwater flow.

Assessment Monitoring Event

MW -9R:

During the second semiannual event of 2007, MW-9R was sampled for the NC Appendix II list of constituents. The analytical results for the September 2007 event are provided in *Appendix A* to this letter report and the detected constituents are summarized in *Table 1*.

Inorganic Constituents

There were no Appendix II inorganic constituents detected above the SWSL in monitoring well MW-9R during the September 2007 sampling event.

Organic Constituents

Organic constituents 1,1-dichloroethane and cis-1,2-dichloroethene were detected in MW-9R at concentrations above the respective SWSLs but below their respective NC 2L Standards during the September 2007 event. This is consistent with historical results. This well

will continue to be monitored in accordance with the Assessment Monitoring Program in future events. The historical results are discussed in detail below.

Two organic compounds (chloroethane and 1,1-dichloroethane) were historically detected in monitoring well MW-9. Chloroethane, initially observed in MW-9, exhibited a declining trend to the point where cholorethane was reported at less than the laboratory reporting limit during the January 1998 sampling event. Monitoring well MW-9 was replaced in November 1999 with well MW-9R. No chloroethane concentration above the laboratory reporting limit or SWSL has been detected in replacement well MW-9R since the well was installed. The reduction of chloroethane is attributed to the landfill gas extraction system withdrawing the landfill gas from the vadose zone surrounding MW-9R.

The concentration of 1,1-dichloroethane in MW-9 also decreased below the laboratory reporting limit during the July 1998 sampling event; however, 1,1-dichloroethane was detected in replacement well MW-9R at a concentration of 23 μg/L during the initial sampling event conducted in January 2000. The concentration has remained relatively constant during recent events, ranging in concentration from 7 μg/L to 28 μg/L. During the September 2007 event, 1,1-dichloroethane was detected at 12 μg/L.

The constituent cis-1,2-dichloroethene in MW-9R was detected above the laboratory reporting limit for the first time during the July 2002 event at a concentration of 6.5 μg/L. This constituent was detected at a concentration of 5.1 μg/L during the September 2007 event.

The presence of 1,1-dichloroethane and cis-1,2-dichloroethene is attributed to landfill gas, based on the historical data for this well. The landfill gas network was expanded in this area in January 2003, and the concentrations of organic constituents in this well are expected to decrease over time as a result.

SUBMITTAL OF LEACHATE ANALYTICAL DATA

Appendix A to this report contains the leachate monitoring results for September 2007 as requested in the Solid Waste Section memo dated November 13, 1996. The leachate was analyzed for NC Appendix I constituents, alkalinity, carbonate alkalinity, bicarbonate alkalinity, TDS, TOC, chloride, ammonia, sulfate, nitrate, phosphate, BOD, COD, TSS, mercury, indicator metals (calcium, iron, magnesium, manganese, sodium, and potassium), and the required field parameters.

SUBMITTAL OF GROUNDWATER MAP AND FLOW CALCULATIONS

Appendix C to this report contains the groundwater surface contour map and groundwater flow rates for this event. In summary, the September 2007 sampling results and groundwater

flow assessment indicate that the site monitoring network is effective in monitoring for the release of solid waste constituents to the environment.

CLOSURE

According to Rule .1634 (g) of the NCSWMR, the NC-2L exceedance for vinyl chloride in MW-02 requires, within 14 days of the finding, that the owner/operator submit a report of the exceedance to the DENR and place a notice in the operating record. This report may serve as such notification. Rule .1634(g) also requires notification of all appropriate local government officials. Furthermore, the NCSWMR requires either initiation of an *Assessment of Corrective Measures* (ACM) or submittal of an *Alternate Source Demonstration* (ASD) within 90 days.

The site will continue to be monitored in accordance with the site's modified Assessment Monitoring Program. The next monitoring event for the closed Piedmont Landfill and Recycling Center is scheduled for the first quarter of 2008. If you have any questions, feel free to contact me at (336) 323-0092.

Sincerely,
JOYCE ENGINEERING, INC.

G. Van Ness Burbach, PhD, P.G.
Senior Project Consultant

Attachments: Table 1 – Summary of Detected Constituents
Appendix A – Laboratory Analytical Reports
Appendix B – Groundwater Statistical Analyses
Appendix C – Groundwater Flow Regime Report

C: JEI File

P:\WM\Piedmont Landfill\ENVIRONMENTAL\Piedmont 2007\392.00.64 Groundwater Reporting\Sept 2007\Piedmont Report Sept 07.doc

TABLE

Piedmont Landfill and Recycling Center
Permit 34-06

TABLE 1: Detected Constituents

September 12-13, 2007 Sampling Event

WELL ID	PARAMETER	RESULT	UNITS	SWSL	NC 2L
3406-MW02	Barium	110	µg/L	100	2000
3406-MW02	Benzene	1.1 (0.98 B)	µg/L	1	1
3406-MW02	Vinyl chloride	1.3 (1.3)	µg/L	1	0.015
3406-MW03	Chromium	12	µg/L	10	50
3406-MW04D	Chromium	10	µg/L	10	50
3406-MW09R	1,1-Dichloroethane	12	µg/L	5	70
3406-MW09R	cis-1,2-Dichloroethene	5.1	µg/L	5	10
3406-MW12	Zinc *	29	µg/L	10	1050

SWSL = NC DENR Solid Waste Section Limits
NC 2L = 15A-NCAC-2L Groundwater Standards
Values in parenthesis ( ) are results from a resampling event copndcuted on November 15, 2007.
B = Estimated Concentration below the SWSL.

This table includes all NC Appendix I or II constituent detections that were quantified (above the SWSL).
Blank-qualified detections are excluded.
* The zinc detection in MW-12 was flagged by the laboratory as blank-qualified; however, it is included because the concentration in the sample was greater tha five times the blank concentration.

APPENDIX 1

LABORATORY ANALYTICAL RESULTS

APPENDIX 1 – PART 1

LABORATORY ANALYTICAL RESULTS

Groundwater Compliance Wells
(MW-1, -2, -3, -4, -4D, -5, -6, -7, -8, -10, -11, -11D, -12, -12D)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Project No. Site 134

Piedmont Landfill

Lot #: D7I140217

Groundwater

Mark Snyder

Waste Management Inc.
Southern Area
2859 Paces Ferry Road Suite 1600
Atlanta, GA 30339

Cc: Van Burbach

TestAmerica Denver
North Carolina Certification # 358

Betsy Sara
Project Manager

October 3, 2007

RECEIVED OCT 04 2007

Table Of Contents

Standard Deliverables

Report Contents	Total Number of Pages
Standard Deliverables *The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	109

- **Table of Contents**
- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **Chain-of-Custody**

Case Narrative

Enclosed is the report for thirteen samples received at TestAmerica Denver on September 14, 2007. The results included in this report have been reviewed for compliance with TestAmerica's Laboratory Quality Manual. The test results shown in this report meet all requirements of NELAC and any exceptions are noted below. TestAmerica Denver is NELAP approved for all parameters reported. TestAmerica's North Carolina certification number is 358.

The reporting limits (RLs) in this report are North Carolina SWSLs.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Quality Control Summary for Lots D7I140217

Sample Receiving

The cooler temperatures upon receipt at the Denver laboratory were 3.1°C and 3.0°C.

The sample TRIP BLANK was received but not documented on the Chain of Custody.

All sample bottles were received in acceptable condition.

Holding Times

All holding times were within established control limits.

Method Blanks

Total Zinc Method 6020 was detected in the Method Blank below the project established reporting limit. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits. The Method Blank data are included at the end of this report.

All other Method Blanks were within established control limits.

Laboratory Control Samples (LCS)

All Laboratory Control Samples were within established control limits.

Lot #: D7I140217

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

Sample S01 (D7I140215-001) was selected to fulfill the laboratory batch quality control requirements for Method 8260B. Analysis of the laboratory generated MS/MSD for this sample provided an MSD recovery of Methylene Chloride above the upper control limit indicating the possible presence of a matrix interference.

All other MS/MSD samples were within established control limits.

EXECUTIVE SUMMARY - Detection Highlights

D7I140217

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
3406-MW06 09/13/07 12:18 001				
Cadmium	0.040 B	1.0	ug/L	SW846 6020
Copper	0.95 B	10	ug/L	SW846 6020
Zinc	9.4 B,J	10	ug/L	SW846 6020
Barium	41 B	100	ug/L	SW846 6010B
3406-MW01 09/13/07 11:56 002				
Cadmium	0.049 B	1.0	ug/L	SW846 6020
Copper	1.2 B	10	ug/L	SW846 6020
Zinc	9.1 B,J	10	ug/L	SW846 6020
Barium	60 B	100	ug/L	SW846 6010B
3406-MW11 09/13/07 09:19 003				
Copper	1.2 B	10	ug/L	SW846 6020
Zinc	13 J	10	ug/L	SW846 6020
Barium	61 B	100	ug/L	SW846 6010B
Cobalt	3.3 B	10	ug/L	SW846 6010B
cis-1,2-Dichloroethene	0.18 J	5.0	ug/L	SW846 8260B
1,1-Dichloroethane	0.46 J	5.0	ug/L	SW846 8260B
3406-MW11D 09/13/07 09:49 004				
Copper	2.8 B	10	ug/L	SW846 6020
Zinc	9.9 B,J	10	ug/L	SW846 6020
Barium	25 B	100	ug/L	SW846 6010B
Vanadium	10 B	25	ug/L	SW846 6010B
Chromium	6.0 B	10	ug/L	SW846 6010B
3406-MW10 09/13/07 08:52 005				
Copper	2.1 B	10	ug/L	SW846 6020
Zinc	8.8 B,J	10	ug/L	SW846 6020
Barium	5.2 B	100	ug/L	SW846 6010B
Chromium	2.7 B	10	ug/L	SW846 6010B
3406-MW03 09/13/07 08:19 006				
Copper	1.0 B	10	ug/L	SW846 6020
Zinc	4.9 B,J	10	ug/L	SW846 6020
Barium	17 B	100	ug/L	SW846 6010B
Vanadium	8.7 B	25	ug/L	SW846 6010B
Chromium	12	10	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7I140217

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
3406-MW07 09/13/07 07:51 007				
Copper	2.1 B	10	ug/L	SW846 6020
Zinc	6.3 B,J	10	ug/L	SW846 6020
Barium	3.5 B	100	ug/L	SW846 6010B
Vanadium	4.8 B	25	ug/L	SW846 6010B
1,1,1-Trichloroethane	0.25 J	1.0	ug/L	SW846 8260B
3406-MW02 09/13/07 07:23 008				
Arsenic	0.23 B	10	ug/L	SW846 6020
Cadmium	0.080 B	1.0	ug/L	SW846 6020
Copper	1.3 B	10	ug/L	SW846 6020
Zinc	15 J	10	ug/L	SW846 6020
Barium	110	100	ug/L	SW846 6010B
cis-1,2-Dichloroethene	0.44 J	5.0	ug/L	SW846 8260B
Ethylbenzene	0.17 J	1.0	ug/L	SW846 8260B
Vinyl chloride	1.3	1.0	ug/L	SW846 8260B
Xylenes (total)	1.0 J	5.0	ug/L	SW846 8260B
Benzene	1.1	1.0	ug/L	SW846 8260B
Chloroethane	0.49 J	10	ug/L	SW846 8260B
1,1-Dichloroethane	0.64 J	5.0	ug/L	SW846 8260B
3406-MW12 09/13/07 12:34 009				
Arsenic	0.37 B	10	ug/L	SW846 6020
Cadmium	0.076 B	1.0	ug/L	SW846 6020
Thallium	0.042 B	5.5	ug/L	SW846 6020
Copper	8.8 B	10	ug/L	SW846 6020
Zinc	29 J	10	ug/L	SW846 6020
Barium	56 B	100	ug/L	SW846 6010B
Vanadium	12 B	25	ug/L	SW846 6010B
Chromium	8.4 B	10	ug/L	SW846 6010B
Lead	6.7 B	10	ug/L	SW846 6010B
3406-MW05 09/13/07 13:09 010				
Arsenic	0.99 B	10	ug/L	SW846 6020
Copper	0.63 B	10	ug/L	SW846 6020
Zinc	6.1 B,J	10	ug/L	SW846 6020
Barium	35 B	100	ug/L	SW846 6010B
Vanadium	7.0 B	25	ug/L	SW846 6010B
Chromium	2.8 B	10	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7I140217

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
3406-MW08 09/13/07 13:25 011				
Arsenic	0.38 B	10	ug/L	SW846 6020
Cadmium	0.061 B	1.0	ug/L	SW846 6020
Copper	0.70 B	10	ug/L	SW846 6020
Zinc	9.1 B,J	10	ug/L	SW846 6020
Barium	96 B	100	ug/L	SW846 6010B
Cobalt	1.3 B	10	ug/L	SW846 6010B
3406-01FB 09/13/07 13:45 012				
Zinc	3.3 B,J	10	ug/L	SW846 6020
Barium	24 B	100	ug/L	SW846 6010B

PREPARATION METHODS SUMMARY

D7I140217

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Acid Digestion for Total Metals by ICPMS	SW846 3020A	SW846 6020
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
25 mL Purge-and-Trap	SW846 5030B/826	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

ANALYTICAL METHODS SUMMARY

D7I140217

PARAMETER	ANALYTICAL METHOD
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Volatile Organics by GC/MS	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D7I140217

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 6010B	Lynn-Anne Trudell	006645
SW846 6010B	Lynn-Anne Trudell	6645
SW846 6020	Janel Motichka	2862
SW846 8260B	Jennifer Hazard	007928

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D7I140217

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J6VLK	001	3406-MW06	09/13/07	12:18
J6VLN	002	3406-MW01	09/13/07	11:56
J6VLP	003	3406-MW11	09/13/07	09:15
J6VLQ	004	3406-MW11D	09/13/07	09:49
J6VLR	005	3406-MW10	09/13/07	08:52
J6VLT	006	3406-MW03	09/13/07	08:15
J6VLW	007	3406-MW07	09/13/07	07:51
J6VLX	008	3406-MW02	09/13/07	07:23
J6VL1	009	3406-MW12	09/13/07	12:34
J6VL4	010	3406-MW05	09/13/07	13:05
J6VL5	011	3406-MW08	09/13/07	13:25
J6VL7	012	3406-01FB	09/13/07	13:45
J6VMA	013	TB	09/13/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Waste Management, Inc.

Client Sample ID: 3406-MW06

GC/MS Volatiles

Lot-Sample #...: D7I140217-001 Work Order #...: J6VLK1AM Matrix.....: WATER
Date Sampled...: 09/13/07 12:18 Date Received..: 09/14/07
Prep Date.....: 09/24/07 Analysis Date..: 09/25/07
Prep Batch #...: 7268574 Analysis Time..: 04:22
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17

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Waste Management, Inc.

Client Sample ID: 3406-MW06

GC/MS Volatiles

Lot-Sample #...: D7I140217-001 **Work Order #...:** J6VLK1AM **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(79 - 119)
1,2-Dichloroethane-d4	115	(65 - 126)
4-Bromofluorobenzene	109	(75 - 115)
Toluene-d8	109	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW01

GC/MS Volatiles

Lot-Sample #...: D7I140217-002 **Work Order #...:** J6VLN1AM **Matrix.....:** WATER
Date Sampled...: 09/13/07 11:56 **Date Received..:** 09/14/07
Prep Date.....: 09/24/07 **Analysis Date..:** 09/25/07
Prep Batch #...: 7268574 **Analysis Time..:** 04:41
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39

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Waste Management, Inc.

Client Sample ID: 3406-MW01

GC/MS Volatiles

Lot-Sample #...: D7I140217-002 Work Order #...: J6VLN1AM Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(79 - 119)
1,2-Dichloroethane-d4	116	(65 - 126)
4-Bromofluorobenzene	108	(75 - 115)
Toluene-d8	106	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW11

GC/MS Volatiles

Lot-Sample #...: D7I140217-003 Work Order #...: J6VLP1AM Matrix.....: WATER
Date Sampled...: 09/13/07 09:19 Date Received..: 09/14/07
Prep Date.....: 09/24/07 Analysis Date..: 09/25/07
Prep Batch #...: 7268574 Analysis Time..: 04:59
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,2-Dichloroethene	**0.18 J**	**5.0**	**ug/L**	**0.15**
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17

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Waste Management, Inc.

Client Sample ID: 3406-MW11

GC/MS Volatiles

Lot-Sample #...: D7I140217-003 Work Order #...: J6VLP1AM Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	**0.46 J**	**5.0**	**ug/L**	**0.16**
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(79 - 119)
1,2-Dichloroethane-d4	118	(65 - 126)
4-Bromofluorobenzene	110	(75 - 115)
Toluene-d8	109	(78 - 118)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-MW11D

GC/MS Volatiles

Lot-Sample #...: D7I140217-004 **Work Order #...:** J6VLQ1AM **Matrix.....:** WATER
Date Sampled...: 09/13/07 09:49 **Date Received..:** 09/14/07
Prep Date.....: 09/24/07 **Analysis Date..:** 09/25/07
Prep Batch #...: 7268574 **Analysis Time..:** 05:18
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17

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Waste Management, Inc.

Client Sample ID: 3406-MW11D

GC/MS Volatiles

Lot-Sample #...: D7I140217-004 Work Order #...: J6VLQ1AM Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(79 - 119)
1,2-Dichloroethane-d4	116	(65 - 126)
4-Bromofluorobenzene	109	(75 - 115)
Toluene-d8	109	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW10

GC/MS Volatiles

Lot-Sample #...: D7I140217-005 Work Order #...: J6VLR1AM Matrix.....: WATER
Date Sampled...: 09/13/07 08:52 Date Received..: 09/14/07
Prep Date.....: 09/24/07 Analysis Date..: 09/25/07
Prep Batch #...: 7268574 Analysis Time..: 05:36
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17

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Waste Management, Inc.

Client Sample ID: 3406-MW10

GC/MS Volatiles

Lot-Sample #...: D7I140217-005 **Work Order #...:** J6VLR1AM **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(79 - 119)
1,2-Dichloroethane-d4	118	(65 - 126)
4-Bromofluorobenzene	109	(75 - 115)
Toluene-d8	107	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW03

GC/MS Volatiles

Lot-Sample #...: D7I140217-006 Work Order #...: J6VLT1AM Matrix.....: WATER
Date Sampled...: 09/13/07 08:19 Date Received..: 09/14/07
Prep Date.....: 09/24/07 Analysis Date..: 09/25/07
Prep Batch #...: 7268574 Analysis Time..: 05:55
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17

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Waste Management, Inc.

Client Sample ID: 3406-MW03

GC/MS Volatiles

Lot-Sample #...: D7I140217-006 Work Order #...: J6VLT1AM Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(79 - 119)
1,2-Dichloroethane-d4	116	(65 - 126)
4-Bromofluorobenzene	109	(75 - 115)
Toluene-d8	108	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW07

GC/MS Volatiles

Lot-Sample #...: D7I140217-007 Work Order #...: J6VLW1AM Matrix.....: WATER
Date Sampled...: 09/13/07 07:51 Date Received..: 09/14/07
Prep Date.....: 09/24/07 Analysis Date..: 09/25/07
Prep Batch #...: 7268574 Analysis Time..: 06:13
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	**0.25 J**	**1.0**	**ug/L**	**0.16**
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17

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Waste Management, Inc.

Client Sample ID: 3406-MW07

GC/MS Volatiles

Lot-Sample #...: D7I140217-007 Work Order #...: J6VLW1AM Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(79 - 119)
1,2-Dichloroethane-d4	118	(65 - 126)
4-Bromofluorobenzene	109	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-MW02

GC/MS Volatiles

Lot-Sample #...: D7I140217-008 Work Order #...: J6VLX1AM Matrix.....: WATER
Date Sampled...: 09/13/07 07:23 Date Received..: 09/14/07
Prep Date.....: 09/26/07 Analysis Date..: 09/26/07
Prep Batch #...: 7270478 Analysis Time..: 19:50
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,2-Dichloroethene	**0.44 J**	**5.0**	**ug/L**	**0.15**
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	**0.17 J**	**1.0**	**ug/L**	**0.16**
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	**1.3**	**1.0**	**ug/L**	**0.17**
Xylenes (total)	**1.0 J**	**5.0**	**ug/L**	**0.19**
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9
Acrylonitrile	ND	200	ug/L	1.4
Benzene	**1.1**	**1.0**	**ug/L**	**0.16**
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17

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Waste Management, Inc.

Client Sample ID: 3406-MW02

GC/MS Volatiles

Lot-Sample #...: D7I140217-008 **Work Order #...:** J6VLX1AM **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Chloroethane	**0.49 J**	**10**	**ug/L**	**0.41**
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	**0.64 J**	**5.0**	**ug/L**	**0.16**
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(79 - 119)
1,2-Dichloroethane-d4	92	(65 - 126)
4-Bromofluorobenzene	108	(75 - 115)
Toluene-d8	110	(78 - 118)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-MW12

GC/MS Volatiles

Lot-Sample #...: D7I140217-009 **Work Order #...:** J6VL11AM **Matrix.....:** WATER
Date Sampled...: 09/13/07 12:34 **Date Received..:** 09/14/07
Prep Date.....: 09/26/07 **Analysis Date..:** 09/26/07
Prep Batch #...: 7270478 **Analysis Time..:** 20:08
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17

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Waste Management, Inc.

Client Sample ID: 3406-MW12

GC/MS Volatiles

Lot-Sample #...: D7I140217-009 Work Order #...: J6VL11AM Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(79 - 119)
1,2-Dichloroethane-d4	95	(65 - 126)
4-Bromofluorobenzene	101	(75 - 115)
Toluene-d8	101	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW05

GC/MS Volatiles

Lot-Sample #...: D7I140217-010 Work Order #...: J6VL41AM Matrix.....: WATER
Date Sampled...: 09/13/07 13:09 Date Received..: 09/14/07
Prep Date.....: 09/26/07 Analysis Date..: 09/26/07
Prep Batch #...: 7270478 Analysis Time..: 21:21
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17

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Waste Management, Inc.

Client Sample ID: 3406-MW05

GC/MS Volatiles

Lot-Sample #...: D7I140217-010 Work Order #...: J6VL41AM Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(79 - 119)
1,2-Dichloroethane-d4	91	(65 - 126)
4-Bromofluorobenzene	98	(75 - 115)
Toluene-d8	111	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW08

GC/MS Volatiles

Lot-Sample #...: D7I140217-011 **Work Order #...:** J6VL51AM **Matrix.....:** WATER
Date Sampled...: 09/13/07 13:25 **Date Received..:** 09/14/07
Prep Date.....: 09/26/07 **Analysis Date..:** 09/26/07
Prep Batch #...: 7270478 **Analysis Time..:** 21:40
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17

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Waste Management, Inc.

Client Sample ID: 3406-MW08

GC/MS Volatiles

Lot-Sample #...: D7I140217-011 **Work Order #...:** J6VL51AM **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(79 - 119)
1,2-Dichloroethane-d4	90	(65 - 126)
4-Bromofluorobenzene	102	(75 - 115)
Toluene-d8	102	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-01FB

GC/MS Volatiles

Lot-Sample #...: D7I140217-012 Work Order #...: J6VL71AM Matrix.....: WATER
Date Sampled...: 09/13/07 13:45 Date Received..: 09/14/07
Prep Date.....: 09/26/07 Analysis Date..: 09/26/07
Prep Batch #...: 7270478 Analysis Time..: 21:58
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17

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Waste Management, Inc.

Client Sample ID: 3406-01FB

GC/MS Volatiles

Lot-Sample #...: D7I140217-012 Work Order #...: J6VL71AM Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(79 - 119)
1,2-Dichloroethane-d4	95	(65 - 126)
4-Bromofluorobenzene	103	(75 - 115)
Toluene-d8	110	(78 - 118)

Waste Management, Inc.

Client Sample ID: TB

GC/MS Volatiles

Lot-Sample #...: D7I140217-013 Work Order #...: J6VMA1AA Matrix.....: WATER
Date Sampled...: 09/13/07 Date Received..: 09/14/07
Prep Date.....: 09/26/07 Analysis Date..: 09/27/07
Prep Batch #...: 7270478 Analysis Time..: 02:15
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Ethylbenzene	ND	1.0	ug/L	0.16
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16

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Waste Management, Inc.

Client Sample ID: TB

GC/MS Volatiles

Lot-Sample #...: D7I140217-013 **Work Order #...:** J6VMA1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(79 - 119)
1,2-Dichloroethane-d4	91	(65 - 126)
4-Bromofluorobenzene	97	(75 - 115)
Toluene-d8	103	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW06

TOTAL Metals

Lot-Sample #...: D7I140217-001 **Matrix.....:** WATER
Date Sampled...: 09/13/07 12:18 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257596						
Barium	**41 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VLK1AC**
		Dilution Factor: 1		Analysis Time..: 09:25	MDL.....: 1.0	
Vanadium	ND	25	ug/L	SW846 6010B	09/19-09/20/07	J6VLK1AD
		Dilution Factor: 1		Analysis Time..: 09:25	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6VLK1AN
		Dilution Factor: 1		Analysis Time..: 09:25	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLK1AP
		Dilution Factor: 1		Analysis Time..: 09:25	MDL.....: 2.8	
Cobalt	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLK1AQ
		Dilution Factor: 1		Analysis Time..: 09:25	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLK1AR
		Dilution Factor: 1		Analysis Time..: 09:25	MDL.....: 2.6	
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLK1AT
		Dilution Factor: 1		Analysis Time..: 09:25	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6VLK1AU
		Dilution Factor: 1		Analysis Time..: 09:25	MDL.....: 7.8	
Prep Batch #...: 7260077						
Arsenic	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VLK1AE
		Dilution Factor: 1		Analysis Time..: 05:57	MDL.....: 0.21	
Cadmium	**0.040 B**	**1.0**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VLK1AF**
		Dilution Factor: 1		Analysis Time..: 05:57	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6VLK1AG
		Dilution Factor: 1		Analysis Time..: 05:57	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6VLK1AH
		Dilution Factor: 1		Analysis Time..: 05:57	MDL.....: 0.020	
Copper	**0.95 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VLK1AJ**
		Dilution Factor: 1		Analysis Time..: 05:57	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-MW06

TOTAL Metals

Lot-Sample #...: D7I140217-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VLK1AK
		Dilution Factor: 1		Analysis Time..: 05:57	MDL.....: 0.70	
Zinc	9.4 B,J	10	ug/L	SW846 6020	09/19-09/21/07	J6VLK1AL
		Dilution Factor: 1		Analysis Time..: 05:57	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-MW01

TOTAL Metals

Lot-Sample #...: D7I140217-002 **Matrix.....:** WATER
Date Sampled...: 09/13/07 11:56 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257596						
Barium	**60 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VLN1AC**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 1.0	
Vanadium	ND	25	ug/L	SW846 6010B	09/19-09/20/07	J6VLN1AD
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6VLN1AN
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLN1AP
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 2.8	
Cobalt	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLN1AQ
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLN1AR
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 2.6	
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLN1AT
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6VLN1AU
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 7.8	
Prep Batch #...: 7260077						
Arsenic	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VLN1AE
		Dilution Factor: 1		Analysis Time..: 06:00	MDL.....: 0.21	
Cadmium	**0.049 B**	**1.0**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VLN1AF**
		Dilution Factor: 1		Analysis Time..: 06:00	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6VLN1AG
		Dilution Factor: 1		Analysis Time..: 06:00	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6VLN1AH
		Dilution Factor: 1		Analysis Time..: 06:00	MDL.....: 0.020	
Copper	**1.2 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VLN1AJ**
		Dilution Factor: 1		Analysis Time..: 06:00	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-MW01

TOTAL Metals

Lot-Sample #...: D7I140217-002 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VLN1AK
		Dilution Factor: 1		Analysis Time..: 06:00	MDL.....: 0.70	
Zinc	9.1 B,J	10	ug/L	SW846 6020	09/19-09/21/07	J6VLN1AL
		Dilution Factor: 1		Analysis Time..: 06:00	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-MW11

TOTAL Metals

Lot-Sample #...: D7I140217-003 **Matrix.....:** WATER
Date Sampled...: 09/13/07 09:19 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257596						
Barium	**61 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VLP1AC**
		Dilution Factor: 1		Analysis Time..: 09:35	MDL.....: 1.0	
Vanadium	ND	25	ug/L	SW846 6010B	09/19-09/20/07	J6VLP1AD
		Dilution Factor: 1		Analysis Time..: 09:35	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6VLP1AN
		Dilution Factor: 1		Analysis Time..: 09:35	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLP1AP
		Dilution Factor: 1		Analysis Time..: 09:35	MDL.....: 2.8	
Cobalt	**3.3 B**	**10**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VLP1AQ**
		Dilution Factor: 1		Analysis Time..: 09:35	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLP1AR
		Dilution Factor: 1		Analysis Time..: 09:35	MDL.....: 2.6	
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLP1AT
		Dilution Factor: 1		Analysis Time..: 09:35	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6VLP1AU
		Dilution Factor: 1		Analysis Time..: 09:35	MDL.....: 7.8	
Prep Batch #...: 7260077						
Arsenic	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VLP1AE
		Dilution Factor: 1		Analysis Time..: 06:11	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J6VLP1AF
		Dilution Factor: 1		Analysis Time..: 06:11	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6VLP1AG
		Dilution Factor: 1		Analysis Time..: 06:11	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6VLP1AH
		Dilution Factor: 1		Analysis Time..: 06:11	MDL.....: 0.020	
Copper	**1.2 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VLP1AJ**
		Dilution Factor: 1		Analysis Time..: 06:11	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-MW11

TOTAL Metals

Lot-Sample #...: D7I140217-003 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VLP1AK
		Dilution Factor: 1		Analysis Time..: 06:11	MDL.....: 0.70	
Zinc	13 J	10	ug/L	SW846 6020	09/19-09/21/07	J6VLP1AL
		Dilution Factor: 1		Analysis Time..: 06:11	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-MW11D

TOTAL Metals

Lot-Sample #...: D7I140217-004 Matrix.....: WATER
Date Sampled...: 09/13/07 09:49 Date Received..: 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257596						
Barium	**25 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VLQ1AC**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 1.0	
Vanadium	**10 B**	**25**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VLQ1AD**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6VLQ1AN
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLQ1AP
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 2.8	
Cobalt	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLQ1AQ
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 1.2	
Chromium	**6.0 B**	**10**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VLQ1AR**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 2.6	
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLQ1AT
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6VLQ1AU
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 7.8	
Prep Batch #...: 7260077						
Arsenic	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VLQ1AE
		Dilution Factor: 1		Analysis Time..: 06:22	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J6VLQ1AF
		Dilution Factor: 1		Analysis Time..: 06:22	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6VLQ1AG
		Dilution Factor: 1		Analysis Time..: 06:22	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6VLQ1AH
		Dilution Factor: 1		Analysis Time..: 06:22	MDL.....: 0.020	
Copper	**2.8 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VLQ1AJ**
		Dilution Factor: 1		Analysis Time..: 06:22	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-MW11D

TOTAL Metals

Lot-Sample #...: D7I140217-004 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VLQ1AK
		Dilution Factor: 1		Analysis Time..: 06:22	MDL.....: 0.70	
Zinc	9.9 B,J	10	ug/L	SW846 6020	09/19-09/21/07	J6VLQ1AL
		Dilution Factor: 1		Analysis Time..: 06:22	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-MW10

TOTAL Metals

Lot-Sample #...: D7I140217-005 **Matrix.....:** WATER
Date Sampled...: 09/13/07 08:52 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257596						
Barium	**5.2 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VLR1AC**
		Dilution Factor: 1		Analysis Time..: 09:59	MDL.....: 1.0	
Vanadium	ND	25	ug/L	SW846 6010B	09/19-09/20/07	J6VLR1AD
		Dilution Factor: 1		Analysis Time..: 09:59	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6VLR1AN
		Dilution Factor: 1		Analysis Time..: 09:59	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLR1AP
		Dilution Factor: 1		Analysis Time..: 09:59	MDL.....: 2.8	
Cobalt	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLR1AQ
		Dilution Factor: 1		Analysis Time..: 09:59	MDL.....: 1.2	
Chromium	**2.7 B**	**10**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VLR1AR**
		Dilution Factor: 1		Analysis Time..: 09:59	MDL.....: 2.6	
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLR1AT
		Dilution Factor: 1		Analysis Time..: 09:59	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6VLR1AU
		Dilution Factor: 1		Analysis Time..: 09:59	MDL.....: 7.8	
Prep Batch #...: 7260077						
Arsenic	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VLR1AE
		Dilution Factor: 1		Analysis Time..: 06:26	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J6VLR1AF
		Dilution Factor: 1		Analysis Time..: 06:26	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6VLR1AG
		Dilution Factor: 1		Analysis Time..: 06:26	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6VLR1AH
		Dilution Factor: 1		Analysis Time..: 06:26	MDL.....: 0.020	
Copper	**2.1 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VLR1AJ**
		Dilution Factor: 1		Analysis Time..: 06:26	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-MW10

TOTAL Metals

Lot-Sample #...: D7I140217-005 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VLR1AK
		Dilution Factor: 1		Analysis Time..: 06:26	MDL.....: 0.70	
Zinc	8.8 B,J	10	ug/L	SW846 6020	09/19-09/21/07	J6VLR1AL
		Dilution Factor: 1		Analysis Time..: 06:26	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-MW03

TOTAL Metals

Lot-Sample #...: D7I140217-006 **Matrix.....:** WATER
Date Sampled...: 09/13/07 08:19 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257596						
Barium	**17 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VLT1AC**
		Dilution Factor: 1		Analysis Time..: 10:04	MDL.....: 1.0	
Vanadium	**8.7 B**	**25**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VLT1AD**
		Dilution Factor: 1		Analysis Time..: 10:04	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6VLT1AN
		Dilution Factor: 1		Analysis Time..: 10:04	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLT1AP
		Dilution Factor: 1		Analysis Time..: 10:04	MDL.....: 2.8	
Cobalt	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLT1AQ
		Dilution Factor: 1		Analysis Time..: 10:04	MDL.....: 1.2	
Chromium	**12**	**10**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VLT1AR**
		Dilution Factor: 1		Analysis Time..: 10:04	MDL.....: 2.6	
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLT1AT
		Dilution Factor: 1		Analysis Time..: 10:04	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6VLT1AU
		Dilution Factor: 1		Analysis Time..: 10:04	MDL.....: 7.8	
Prep Batch #...: 7260077						
Arsenic	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VLT1AE
		Dilution Factor: 1		Analysis Time..: 06:30	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J6VLT1AF
		Dilution Factor: 1		Analysis Time..: 06:30	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6VLT1AG
		Dilution Factor: 1		Analysis Time..: 06:30	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6VLT1AH
		Dilution Factor: 1		Analysis Time..: 06:30	MDL.....: 0.020	
Copper	**1.0 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VLT1AJ**
		Dilution Factor: 1		Analysis Time..: 06:30	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-MW03

TOTAL Metals

Lot-Sample #...: D7I140217-006 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VLT1AK
		Dilution Factor: 1		Analysis Time..: 06:30	MDL.....: 0.70	
Zinc	4.9 B,J	10	ug/L	SW846 6020	09/19-09/21/07	J6VLT1AL
		Dilution Factor: 1		Analysis Time..: 06:30	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-MW07

TOTAL Metals

Lot-Sample #...: D7I140217-007 **Matrix.....:** WATER
Date Sampled...: 09/13/07 07:51 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257596						
Barium	**3.5 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VLW1AC**
		Dilution Factor: 1		Analysis Time..: 10:09	MDL.....: 1.0	
Vanadium	**4.8 B**	**25**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VLW1AD**
		Dilution Factor: 1		Analysis Time..: 10:09	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6VLW1AN
		Dilution Factor: 1		Analysis Time..: 10:09	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLW1AP
		Dilution Factor: 1		Analysis Time..: 10:09	MDL.....: 2.8	
Cobalt	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLW1AQ
		Dilution Factor: 1		Analysis Time..: 10:09	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLW1AR
		Dilution Factor: 1		Analysis Time..: 10:09	MDL.....: 2.6	
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLW1AT
		Dilution Factor: 1		Analysis Time..: 10:09	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6VLW1AU
		Dilution Factor: 1		Analysis Time..: 10:09	MDL.....: 7.8	
Prep Batch #...: 7260077						
Arsenic	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VLW1AE
		Dilution Factor: 1		Analysis Time..: 06:34	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J6VLW1AF
		Dilution Factor: 1		Analysis Time..: 06:34	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6VLW1AG
		Dilution Factor: 1		Analysis Time..: 06:34	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6VLW1AH
		Dilution Factor: 1		Analysis Time..: 06:34	MDL.....: 0.020	
Copper	**2.1 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VLW1AJ**
		Dilution Factor: 1		Analysis Time..: 06:34	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-MW07

TOTAL Metals

Lot-Sample #...: D7I140217-007 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VLW1AK
		Dilution Factor: 1		Analysis Time..: 06:34	MDL.....: 0.70	
Zinc	6.3 B,J	10	ug/L	SW846 6020	09/19-09/21/07	J6VLW1AL
		Dilution Factor: 1		Analysis Time..: 06:34	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-MW02

TOTAL Metals

Lot-Sample #...: D7I140217-008 **Matrix.....:** WATER
Date Sampled...: 09/13/07 07:23 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257596						
Barium	**110**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/25/07**	**J6VLX1AC**
		Dilution Factor: 1		Analysis Time..: 14:19	MDL.....: 1.0	
Vanadium	ND	25	ug/L	SW846 6010B	09/19-09/20/07	J6VLX1AD
		Dilution Factor: 1		Analysis Time..: 10:14	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6VLX1AN
		Dilution Factor: 1		Analysis Time..: 10:14	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLX1AP
		Dilution Factor: 1		Analysis Time..: 10:14	MDL.....: 2.8	
Cobalt	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLX1AQ
		Dilution Factor: 1		Analysis Time..: 10:14	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLX1AR
		Dilution Factor: 1		Analysis Time..: 10:14	MDL.....: 2.6	
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VLX1AT
		Dilution Factor: 1		Analysis Time..: 10:14	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6VLX1AU
		Dilution Factor: 1		Analysis Time..: 10:14	MDL.....: 7.8	
Prep Batch #...: 7260077						
Arsenic	**0.23 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VLX1AE**
		Dilution Factor: 1		Analysis Time..: 06:45	MDL.....: 0.21	
Cadmium	**0.080 B**	**1.0**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VLX1AF**
		Dilution Factor: 1		Analysis Time..: 06:45	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6VLX1AG
		Dilution Factor: 1		Analysis Time..: 06:45	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6VLX1AH
		Dilution Factor: 1		Analysis Time..: 06:45	MDL.....: 0.020	
Copper	**1.3 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VLX1AJ**
		Dilution Factor: 1		Analysis Time..: 06:45	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-MW02

TOTAL Metals

Lot-Sample #...: D7I140217-008 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VLX1AK
		Dilution Factor: 1		Analysis Time..: 06:45	MDL.....: 0.70	
Zinc	15 J	10	ug/L	SW846 6020	09/19-09/21/07	J6VLX1AL
		Dilution Factor: 1		Analysis Time..: 06:45	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-MW12

TOTAL Metals

Lot-Sample #...: D7I140217-009 **Matrix.....:** WATER
Date Sampled...: 09/13/07 12:34 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257596						
Barium	**56 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VL11AC**
		Dilution Factor: 1		Analysis Time..: 10:19	MDL.....: 1.0	
Vanadium	**12 B**	**25**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VL11AD**
		Dilution Factor: 1		Analysis Time..: 10:19	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6VL11AN
		Dilution Factor: 1		Analysis Time..: 10:19	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VL11AP
		Dilution Factor: 1		Analysis Time..: 10:19	MDL.....: 2.8	
Cobalt	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VL11AQ
		Dilution Factor: 1		Analysis Time..: 10:19	MDL.....: 1.2	
Chromium	**8.4 B**	**10**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VL11AR**
		Dilution Factor: 1		Analysis Time..: 10:19	MDL.....: 2.6	
Lead	**6.7 B**	**10**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VL11AT**
		Dilution Factor: 1		Analysis Time..: 10:19	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6VL11AU
		Dilution Factor: 1		Analysis Time..: 10:19	MDL.....: 7.8	
Prep Batch #...: 7260077						
Arsenic	**0.37 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VL11AE**
		Dilution Factor: 1		Analysis Time..: 06:48	MDL.....: 0.21	
Cadmium	**0.076 B**	**1.0**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VL11AF**
		Dilution Factor: 1		Analysis Time..: 06:48	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6VL11AG
		Dilution Factor: 1		Analysis Time..: 06:48	MDL.....: 0.070	
Thallium	**0.042 B**	**5.5**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VL11AH**
		Dilution Factor: 1		Analysis Time..: 06:48	MDL.....: 0.020	
Copper	**8.8 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VL11AJ**
		Dilution Factor: 1		Analysis Time..: 06:48	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-MW12

TOTAL Metals

Lot-Sample #...: D7I140217-009 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VL11AK
		Dilution Factor: 1		Analysis Time..: 06:48	MDL.....: 0.70	
Zinc	29 J	10	ug/L	SW846 6020	09/19-09/21/07	J6VL11AL
		Dilution Factor: 1		Analysis Time..: 06:48	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-MW05

TOTAL Metals

Lot-Sample #...: D7I140217-010 Matrix.....: WATER
Date Sampled...: 09/13/07 13:09 Date Received..: 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257596						
Barium	**35 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VL41AC**
		Dilution Factor: 1		Analysis Time..: 10:24	MDL.....: 1.0	
Vanadium	**7.0 B**	**25**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VL41AD**
		Dilution Factor: 1		Analysis Time..: 10:24	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6VL41AN
		Dilution Factor: 1		Analysis Time..: 10:24	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VL41AP
		Dilution Factor: 1		Analysis Time..: 10:24	MDL.....: 2.8	
Cobalt	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VL41AQ
		Dilution Factor: 1		Analysis Time..: 10:24	MDL.....: 1.2	
Chromium	**2.8 B**	**10**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VL41AR**
		Dilution Factor: 1		Analysis Time..: 10:24	MDL.....: 2.6	
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VL41AT
		Dilution Factor: 1		Analysis Time..: 10:24	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6VL41AU
		Dilution Factor: 1		Analysis Time..: 10:24	MDL.....: 7.8	
Prep Batch #...: 7260077						
Arsenic	**0.99 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VL41AE**
		Dilution Factor: 1		Analysis Time..: 06:52	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J6VL41AF
		Dilution Factor: 1		Analysis Time..: 06:52	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6VL41AG
		Dilution Factor: 1		Analysis Time..: 06:52	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6VL41AH
		Dilution Factor: 1		Analysis Time..: 06:52	MDL.....: 0.020	
Copper	**0.63 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VL41AJ**
		Dilution Factor: 1		Analysis Time..: 06:52	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-MW05

TOTAL Metals

Lot-Sample #...: D7I140217-010 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VL41AK
		Dilution Factor: 1		Analysis Time..: 06:52	MDL.....: 0.70	
Zinc	6.1 B,J	10	ug/L	SW846 6020	09/19-09/21/07	J6VL41AL
		Dilution Factor: 1		Analysis Time..: 06:52	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-MW08

TOTAL Metals

Lot-Sample #...: D7I140217-011 **Matrix.....:** WATER
Date Sampled...: 09/13/07 13:25 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257596						
Barium	**96 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VL51AC**
		Dilution Factor: 1		Analysis Time..: 10:29	MDL.....: 1.0	
Vanadium	ND	25	ug/L	SW846 6010B	09/19-09/20/07	J6VL51AD
		Dilution Factor: 1		Analysis Time..: 10:29	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6VL51AN
		Dilution Factor: 1		Analysis Time..: 10:29	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VL51AP
		Dilution Factor: 1		Analysis Time..: 10:29	MDL.....: 2.8	
Cobalt	**1.3 B**	**10**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VL51AQ**
		Dilution Factor: 1		Analysis Time..: 10:29	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VL51AR
		Dilution Factor: 1		Analysis Time..: 10:29	MDL.....: 2.6	
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VL51AT
		Dilution Factor: 1		Analysis Time..: 10:29	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6VL51AU
		Dilution Factor: 1		Analysis Time..: 10:29	MDL.....: 7.8	
Prep Batch #...: 7260077						
Arsenic	**0.38 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VL51AE**
		Dilution Factor: 1		Analysis Time..: 06:56	MDL.....: 0.21	
Cadmium	**0.061 B**	**1.0**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VL51AF**
		Dilution Factor: 1		Analysis Time..: 06:56	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6VL51AG
		Dilution Factor: 1		Analysis Time..: 06:56	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6VL51AH
		Dilution Factor: 1		Analysis Time..: 06:56	MDL.....: 0.020	
Copper	**0.70 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VL51AJ**
		Dilution Factor: 1		Analysis Time..: 06:56	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-MW08

TOTAL Metals

Lot-Sample #...: D7I140217-011 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VL51AK
		Dilution Factor: 1		Analysis Time..: 06:56	MDL.....: 0.70	
Zinc	9.1 B,J	10	ug/L	SW846 6020	09/19-09/21/07	J6VL51AL
		Dilution Factor: 1		Analysis Time..: 06:56	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-01FB

TOTAL Metals

Lot-Sample #...: D7I140217-012 **Matrix.....:** WATER
Date Sampled...: 09/13/07 13:45 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257596						
Barium	**24 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VL71AC**
		Dilution Factor: 1		Analysis Time..: 10:34	MDL.....: 1.0	
Vanadium	ND	25	ug/L	SW846 6010B	09/19-09/20/07	J6VL71AD
		Dilution Factor: 1		Analysis Time..: 10:34	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6VL71AN
		Dilution Factor: 1		Analysis Time..: 10:34	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VL71AP
		Dilution Factor: 1		Analysis Time..: 10:34	MDL.....: 2.8	
Cobalt	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VL71AQ
		Dilution Factor: 1		Analysis Time..: 10:34	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VL71AR
		Dilution Factor: 1		Analysis Time..: 10:34	MDL.....: 2.6	
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VL71AT
		Dilution Factor: 1		Analysis Time..: 10:34	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6VL71AU
		Dilution Factor: 1		Analysis Time..: 10:34	MDL.....: 7.8	
Prep Batch #...: 7260077						
Arsenic	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VL71AE
		Dilution Factor: 1		Analysis Time..: 07:00	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J6VL71AF
		Dilution Factor: 1		Analysis Time..: 07:00	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6VL71AG
		Dilution Factor: 1		Analysis Time..: 07:00	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6VL71AH
		Dilution Factor: 1		Analysis Time..: 07:00	MDL.....: 0.020	
Copper	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VL71AJ
		Dilution Factor: 1		Analysis Time..: 07:00	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-01FB

TOTAL Metals

Lot-Sample #...: D7I140217-012 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VL71AK
		Dilution Factor: 1		Analysis Time..: 07:00	MDL.....: 0.70	
Zinc	3.3 B,J	10	ug/L	SW846 6020	09/19-09/21/07	J6VL71AL
		Dilution Factor: 1		Analysis Time..: 07:00	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

QC DATA ASSOCIATION SUMMARY

D7I140217

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 6020		7260077	7260059
	WATER	SW846 8260B		7268574	7268348
	WATER	SW846 6010B		7257596	7257366
002	WATER	SW846 6020		7260077	7260059
	WATER	SW846 8260B		7268574	7268348
	WATER	SW846 6010B		7257596	7257366
003	WATER	SW846 6020		7260077	7260059
	WATER	SW846 8260B		7268574	7268348
	WATER	SW846 6010B		7257596	7257366
004	WATER	SW846 6020		7260077	7260059
	WATER	SW846 8260B		7268574	7268348
	WATER	SW846 6010B		7257596	7257366
005	WATER	SW846 6020		7260077	7260059
	WATER	SW846 8260B		7268574	7268348
	WATER	SW846 6010B		7257596	7257366
006	WATER	SW846 6020		7260077	7260059
	WATER	SW846 8260B		7268574	7268348
	WATER	SW846 6010B		7257596	7257366
007	WATER	SW846 6020		7260077	7260059
	WATER	SW846 8260B		7268574	7268348
	WATER	SW846 6010B		7257596	7257366
008	WATER	SW846 6020		7260077	7260059
	WATER	SW846 8260B		7270478	7270301
	WATER	SW846 6010B		7257596	7257366
009	WATER	SW846 6020		7260077	7260059
	WATER	SW846 8260B		7270478	7270301
	WATER	SW846 6010B		7257596	7257366
010	WATER	SW846 6020		7260077	7260059
	WATER	SW846 8260B		7270478	7270301
	WATER	SW846 6010B		7257596	7257366
011	WATER	SW846 6020		7260077	7260059
	WATER	SW846 8260B		7270478	7270301
	WATER	SW846 6010B		7257596	7257366

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D7I140217

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
012	WATER	SW846 6020		7260077	7260059
	WATER	SW846 8260B		7270478	7270301
	WATER	SW846 6010B		7257596	7257366
013	WATER	SW846 8260B		7270478	7270301

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7I140217 **Work Order #...:** J7MKJ1AA **Matrix.....:** WATER
MB Lot-Sample #: D7I250000-574

Prep Date.....: 09/24/07 **Analysis Time..:** 22:28

Analysis Date..: 09/24/07 **Prep Batch #...:** 7268574
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	100	ug/L	SW846 8260B
Acrylonitrile	ND	200	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	3.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	3.0	ug/L	SW846 8260B
Bromomethane	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	100	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	3.0	ug/L	SW846 8260B
Dibromochloromethane	ND	3.0	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	100	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	50	ug/L	SW846 8260B
Iodomethane	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	100	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7I140217 **Work Order #...:** J7MKJ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	50	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	5.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	100	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(79 - 119)
1,2-Dichloroethane-d4	110	(65 - 126)
4-Bromofluorobenzene	107	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7I140217 **Work Order #...:** J7TRA1AA **Matrix.....:** WATER
MB Lot-Sample #: D7I270000-478

Prep Date.....: 09/26/07 **Analysis Time..:** 19:31

Analysis Date..: 09/26/07 **Prep Batch #...:** 7270478
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	100	ug/L	SW846 8260B
Acrylonitrile	ND	200	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	3.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	3.0	ug/L	SW846 8260B
Bromomethane	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	100	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	3.0	ug/L	SW846 8260B
Dibromochloromethane	ND	3.0	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	100	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	50	ug/L	SW846 8260B
Iodomethane	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	100	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7I140217 **Work Order #...:** J7TRA1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	50	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	5.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	100	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(79 - 119)
1,2-Dichloroethane-d4	97	(65 - 126)
4-Bromofluorobenzene	93	(75 - 115)
Toluene-d8	110	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I140217 Work Order #...: J7MKJ1AC Matrix.....: WATER
LCS Lot-Sample#: D7I250000-574
Prep Date.....: 09/24/07 Analysis Date..: 09/24/07
Prep Batch #...: 7268574 Analysis Time..: 21:51
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**92**	**(68 - 133)**	**SW846 8260B**
Benzene	**90**	**(77 - 118)**	**SW846 8260B**
Chlorobenzene	**93**	**(78 - 118)**	**SW846 8260B**
Toluene	**91**	**(73 - 120)**	**SW846 8260B**
Trichloroethene	**99**	**(78 - 122)**	**SW846 8260B**
Chloroform	**100**	**(78 - 118)**	**SW846 8260B**
1,1-Dichloroethane	**92**	**(77 - 117)**	**SW846 8260B**
1,2-Dichloropropane	**92**	**(76 - 116)**	**SW846 8260B**
Ethylbenzene	**90**	**(78 - 118)**	**SW846 8260B**
Methylene chloride	**107**	**(71 - 119)**	**SW846 8260B**
Tetrachloroethene	**93**	**(77 - 117)**	**SW846 8260B**
1,1,1-Trichloroethane	**100**	**(78 - 118)**	**SW846 8260B**
Carbon tetrachloride	**106**	**(80 - 120)**	**SW846 8260B**
trans-1,2-Dichloroethene	**88**	**(80 - 120)**	**SW846 8260B**
Bromodichloromethane	**101**	**(78 - 118)**	**SW846 8260B**
1,3-Dichlorobenzene	**93**	**(75 - 115)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(79 - 119)
1,2-Dichloroethane-d4	107	(65 - 126)
4-Bromofluorobenzene	112	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I140217 Work Order #...: J7MKJ1AC Matrix.....: WATER
LCS Lot-Sample#: D7I250000-574
Prep Date.....: 09/24/07 Analysis Date..: 09/24/07
Prep Batch #...: 7268574 Analysis Time..: 21:51
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	10.0	9.22	ug/L	92	SW846 8260B
Benzene	10.0	9.05	ug/L	90	SW846 8260B
Chlorobenzene	10.0	9.28	ug/L	93	SW846 8260B
Toluene	10.0	9.06	ug/L	91	SW846 8260B
Trichloroethene	10.0	9.91	ug/L	99	SW846 8260B
Chloroform	10.0	10.0	ug/L	100	SW846 8260B
1,1-Dichloroethane	10.0	9.18	ug/L	92	SW846 8260B
1,2-Dichloropropane	10.0	9.20	ug/L	92	SW846 8260B
Ethylbenzene	10.0	9.05	ug/L	90	SW846 8260B
Methylene chloride	10.0	10.7	ug/L	107	SW846 8260B
Tetrachloroethene	10.0	9.28	ug/L	93	SW846 8260B
1,1,1-Trichloroethane	10.0	10.0	ug/L	100	SW846 8260B
Carbon tetrachloride	10.0	10.6	ug/L	106	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.81	ug/L	88	SW846 8260B
Bromodichloromethane	10.0	10.1	ug/L	101	SW846 8260B
1,3-Dichlorobenzene	10.0	9.29	ug/L	93	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(79 - 119)
1,2-Dichloroethane-d4	107	(65 - 126)
4-Bromofluorobenzene	112	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I140217 Work Order #...: J7TRA1AC Matrix.....: WATER
LCS Lot-Sample#: D7I270000-478
Prep Date.....: 09/26/07 Analysis Date..: 09/26/07
Prep Batch #...: 7270478 Analysis Time..: 18:54
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**117**	**(68 - 133)**	**SW846 8260B**
Benzene	**102**	**(77 - 118)**	**SW846 8260B**
Chlorobenzene	**110**	**(78 - 118)**	**SW846 8260B**
Toluene	**106**	**(73 - 120)**	**SW846 8260B**
Trichloroethene	**108**	**(78 - 122)**	**SW846 8260B**
Chloroform	**97**	**(78 - 118)**	**SW846 8260B**
1,1-Dichloroethane	**97**	**(77 - 117)**	**SW846 8260B**
1,2-Dichloropropane	**106**	**(76 - 116)**	**SW846 8260B**
Ethylbenzene	**99**	**(78 - 118)**	**SW846 8260B**
Methylene chloride	**112**	**(71 - 119)**	**SW846 8260B**
Tetrachloroethene	**100**	**(77 - 117)**	**SW846 8260B**
1,1,1-Trichloroethane	**100**	**(78 - 118)**	**SW846 8260B**
Carbon tetrachloride	**94**	**(80 - 120)**	**SW846 8260B**
trans-1,2-Dichloroethene	**101**	**(80 - 120)**	**SW846 8260B**
Bromodichloromethane	**100**	**(78 - 118)**	**SW846 8260B**
1,3-Dichlorobenzene	**112**	**(75 - 115)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(79 - 119)
1,2-Dichloroethane-d4	93	(65 - 126)
4-Bromofluorobenzene	108	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I140217 Work Order #...: J7TRA1AC Matrix.....: WATER
LCS Lot-Sample#: D7I270000-478
Prep Date.....: 09/26/07 Analysis Date..: 09/26/07
Prep Batch #...: 7270478 Analysis Time..: 18:54
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**11.7**	**ug/L**	**117**	**SW846 8260B**
Benzene	**10.0**	**10.2**	**ug/L**	**102**	**SW846 8260B**
Chlorobenzene	**10.0**	**11.0**	**ug/L**	**110**	**SW846 8260B**
Toluene	**10.0**	**10.6**	**ug/L**	**106**	**SW846 8260B**
Trichloroethene	**10.0**	**10.8**	**ug/L**	**108**	**SW846 8260B**
Chloroform	**10.0**	**9.74**	**ug/L**	**97**	**SW846 8260B**
1,1-Dichloroethane	**10.0**	**9.66**	**ug/L**	**97**	**SW846 8260B**
1,2-Dichloropropane	**10.0**	**10.6**	**ug/L**	**106**	**SW846 8260B**
Ethylbenzene	**10.0**	**9.90**	**ug/L**	**99**	**SW846 8260B**
Methylene chloride	**10.0**	**11.2**	**ug/L**	**112**	**SW846 8260B**
Tetrachloroethene	**10.0**	**9.99**	**ug/L**	**100**	**SW846 8260B**
1,1,1-Trichloroethane	**10.0**	**9.97**	**ug/L**	**100**	**SW846 8260B**
Carbon tetrachloride	**10.0**	**9.40**	**ug/L**	**94**	**SW846 8260B**
trans-1,2-Dichloroethene	**10.0**	**10.1**	**ug/L**	**101**	**SW846 8260B**
Bromodichloromethane	**10.0**	**10.0**	**ug/L**	**100**	**SW846 8260B**
1,3-Dichlorobenzene	**10.0**	**11.2**	**ug/L**	**112**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(79 - 119)
1,2-Dichloroethane-d4	93	(65 - 126)
4-Bromofluorobenzene	108	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I140217 Work Order #...: J6VK01CE-MS Matrix.....: WATER
MS Lot-Sample #: D7I140215-001 J6VK01CF-MSD
Date Sampled...: 09/13/07 11:15 Date Received..: 09/14/07
Prep Date.....: 09/24/07 Analysis Date..: 09/25/07
Prep Batch #...: 7268574 Analysis Time..: 01:54
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	94	(68 - 133)			SW846 8260B
	92	(68 - 133)	2.2	(0-20)	SW846 8260B
Benzene	94	(77 - 118)			SW846 8260B
	94	(77 - 118)	0.62	(0-20)	SW846 8260B
Chlorobenzene	96	(78 - 118)			SW846 8260B
	94	(78 - 118)	2.3	(0-20)	SW846 8260B
Toluene	93	(73 - 120)			SW846 8260B
	93	(73 - 120)	0.17	(0-20)	SW846 8260B
Trichloroethene	99	(78 - 122)			SW846 8260B
	99	(78 - 122)	0.31	(0-20)	SW846 8260B
Chloroform	104	(78 - 118)			SW846 8260B
	104	(78 - 118)	0.08	(0-20)	SW846 8260B
1,1-Dichloroethane	96	(77 - 117)			SW846 8260B
	96	(77 - 117)	0.50	(0-21)	SW846 8260B
1,2-Dichloropropane	97	(76 - 116)			SW846 8260B
	97	(76 - 116)	0.43	(0-20)	SW846 8260B
Ethylbenzene	95	(78 - 118)			SW846 8260B
	93	(78 - 118)	2.2	(0-26)	SW846 8260B
Methylene chloride	110	(71 - 119)			SW846 8260B
	127 a	(71 - 119)	15	(0-20)	SW846 8260B
Tetrachloroethene	93	(77 - 117)			SW846 8260B
	93	(77 - 117)	0.39	(0-20)	SW846 8260B
1,1,1-Trichloroethane	105	(78 - 118)			SW846 8260B
	105	(78 - 118)	0.44	(0-20)	SW846 8260B
Carbon tetrachloride	109	(80 - 120)			SW846 8260B
	110	(80 - 120)	0.45	(0-21)	SW846 8260B
trans-1,2-Dichloroethene	89	(80 - 120)			SW846 8260B
	89	(80 - 120)	0.47	(0-24)	SW846 8260B
Bromodichloromethane	103	(78 - 118)			SW846 8260B
	103	(78 - 118)	0.64	(0-20)	SW846 8260B
1,3-Dichlorobenzene	94	(75 - 115)			SW846 8260B
	94	(75 - 115)	0.03	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(79 - 119)
	113	(79 - 119)
1,2-Dichloroethane-d4	106	(65 - 126)
	106	(65 - 126)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I140217 **Work Order #...:** J6VK01CE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7I140215-001 J6VK01CF-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	114	(75 - 115)
	111	(75 - 115)
Toluene-d8	107	(78 - 118)
	108	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I140217 Work Order #...: J6VK01CE-MS Matrix.....: WATER
MS Lot-Sample #: D7I140215-001 J6VK01CF-MSD
Date Sampled...: 09/13/07 11:15 Date Received..: 09/14/07
Prep Date.....: 09/24/07 Analysis Date..: 09/25/07
Prep Batch #...: 7268574 Analysis Time..: 01:54
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	9.37	ug/L	94		SW846 8260B
	ND	10.0	9.17	ug/L	92	2.2	SW846 8260B
Benzene	ND	10.0	9.42	ug/L	94		SW846 8260B
	ND	10.0	9.36	ug/L	94	0.62	SW846 8260B
Chlorobenzene	ND	10.0	9.64	ug/L	96		SW846 8260B
	ND	10.0	9.42	ug/L	94	2.3	SW846 8260B
Toluene	ND	10.0	9.29	ug/L	93		SW846 8260B
	ND	10.0	9.27	ug/L	93	0.17	SW846 8260B
Trichloroethene	ND	10.0	9.90	ug/L	99		SW846 8260B
	ND	10.0	9.87	ug/L	99	0.31	SW846 8260B
Chloroform	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.4	ug/L	104	0.08	SW846 8260B
1,1-Dichloroethane	0.42	10.0	10.1	ug/L	96		SW846 8260B
	0.42	10.0	10.0	ug/L	96	0.50	SW846 8260B
1,2-Dichloropropane	ND	10.0	9.73	ug/L	97		SW846 8260B
	ND	10.0	9.69	ug/L	97	0.43	SW846 8260B
Ethylbenzene	ND	10.0	9.55	ug/L	95		SW846 8260B
	ND	10.0	9.34	ug/L	93	2.2	SW846 8260B
Methylene chloride	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	12.7	ug/L	127 a	15	SW846 8260B
Tetrachloroethene	ND	10.0	9.26	ug/L	93		SW846 8260B
	ND	10.0	9.30	ug/L	93	0.39	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	10.5	ug/L	105	0.44	SW846 8260B
Carbon tetrachloride	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	11.0	ug/L	110	0.45	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	8.93	ug/L	89		SW846 8260B
	ND	10.0	8.88	ug/L	89	0.47	SW846 8260B
Bromodichloromethane	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.3	ug/L	103	0.64	SW846 8260B
1,3-Dichlorobenzene	ND	10.0	9.38	ug/L	94		SW846 8260B
	ND	10.0	9.38	ug/L	94	0.03	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(79 - 119)
	113	(79 - 119)
1,2-Dichloroethane-d4	106	(65 - 126)
	106	(65 - 126)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I140217 **Work Order #...:** J6VK01CE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7I140215-001 J6VK01CF-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	114	(75 - 115)
	111	(75 - 115)
Toluene-d8	107	(78 - 118)
	108	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I140217 Work Order #...: J6VL11AV-MS Matrix.....: WATER
MS Lot-Sample #: D7I140217-009 J6VL11AW-MSD
Date Sampled...: 09/13/07 12:34 Date Received..: 09/14/07
Prep Date.....: 09/26/07 Analysis Date..: 09/26/07
Prep Batch #...: 7270478 Analysis Time..: 20:26
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	95	(68 - 133)			SW846 8260B
	92	(68 - 133)	2.8	(0-20)	SW846 8260B
Benzene	109	(77 - 118)			SW846 8260B
	96	(77 - 118)	13	(0-20)	SW846 8260B
Chlorobenzene	107	(78 - 118)			SW846 8260B
	109	(78 - 118)	2.2	(0-20)	SW846 8260B
Toluene	104	(73 - 120)			SW846 8260B
	108	(73 - 120)	4.2	(0-20)	SW846 8260B
Trichloroethene	95	(78 - 122)			SW846 8260B
	93	(78 - 122)	2.0	(0-20)	SW846 8260B
Chloroform	112	(78 - 118)			SW846 8260B
	104	(78 - 118)	7.6	(0-20)	SW846 8260B
1,1-Dichloroethane	99	(77 - 117)			SW846 8260B
	99	(77 - 117)	0.24	(0-21)	SW846 8260B
1,2-Dichloropropane	100	(76 - 116)			SW846 8260B
	93	(76 - 116)	6.8	(0-20)	SW846 8260B
Ethylbenzene	104	(78 - 118)			SW846 8260B
	110	(78 - 118)	6.3	(0-26)	SW846 8260B
Methylene chloride	107	(71 - 119)			SW846 8260B
	109	(71 - 119)	1.4	(0-20)	SW846 8260B
Tetrachloroethene	95	(77 - 117)			SW846 8260B
	102	(77 - 117)	6.7	(0-20)	SW846 8260B
1,1,1-Trichloroethane	98	(78 - 118)			SW846 8260B
	95	(78 - 118)	3.9	(0-20)	SW846 8260B
Carbon tetrachloride	88	(80 - 120)			SW846 8260B
	85	(80 - 120)	3.6	(0-21)	SW846 8260B
trans-1,2-Dichloroethene	102	(80 - 120)			SW846 8260B
	98	(80 - 120)	4.4	(0-24)	SW846 8260B
Bromodichloromethane	104	(78 - 118)			SW846 8260B
	102	(78 - 118)	2.2	(0-20)	SW846 8260B
1,3-Dichlorobenzene	101	(75 - 115)			SW846 8260B
	104	(75 - 115)	3.0	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(79 - 119)
	95	(79 - 119)
1,2-Dichloroethane-d4	86	(65 - 126)
	87	(65 - 126)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I140217 **Work Order #...:** J6VL11AV-MS **Matrix.....:** WATER
MS Lot-Sample #: D7I140217-009 J6VL11AW-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	93	(75 - 115)
	99	(75 - 115)
Toluene-d8	103	(78 - 118)
	111	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I140217 Work Order #...: J6VL11AV-MS Matrix.....: WATER
MS Lot-Sample #: D7I140217-009 J6VL11AW-MSD
Date Sampled...: 09/13/07 12:34 Date Received..: 09/14/07
Prep Date.....: 09/26/07 Analysis Date..: 09/26/07
Prep Batch #...: 7270478 Analysis Time..: 20:26
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	9.49	ug/L	95		SW846 8260B
	ND	10.0	9.23	ug/L	92	2.8	SW846 8260B
Benzene	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	9.58	ug/L	96	13	SW846 8260B
Chlorobenzene	ND	10.0	10.7	ug/L	107		SW846 8260B
	ND	10.0	10.9	ug/L	109	2.2	SW846 8260B
Toluene	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.8	ug/L	108	4.2	SW846 8260B
Trichloroethene	ND	10.0	9.53	ug/L	95		SW846 8260B
	ND	10.0	9.34	ug/L	93	2.0	SW846 8260B
Chloroform	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	10.4	ug/L	104	7.6	SW846 8260B
1,1-Dichloroethane	ND	10.0	9.90	ug/L	99		SW846 8260B
	ND	10.0	9.88	ug/L	99	0.24	SW846 8260B
1,2-Dichloropropane	ND	10.0	9.97	ug/L	100		SW846 8260B
	ND	10.0	9.32	ug/L	93	6.8	SW846 8260B
Ethylbenzene	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	11.0	ug/L	110	6.3	SW846 8260B
Methylene chloride	ND	10.0	10.7	ug/L	107		SW846 8260B
	ND	10.0	10.9	ug/L	109	1.4	SW846 8260B
Tetrachloroethene	ND	10.0	9.50	ug/L	95		SW846 8260B
	ND	10.0	10.2	ug/L	102	6.7	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	9.83	ug/L	98		SW846 8260B
	ND	10.0	9.45	ug/L	95	3.9	SW846 8260B
Carbon tetrachloride	ND	10.0	8.76	ug/L	88		SW846 8260B
	ND	10.0	8.45	ug/L	85	3.6	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	9.79	ug/L	98	4.4	SW846 8260B
Bromodichloromethane	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.2	ug/L	102	2.2	SW846 8260B
1,3-Dichlorobenzene	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	10.4	ug/L	104	3.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(79 - 119)
	95	(79 - 119)
1,2-Dichloroethane-d4	86	(65 - 126)
	87	(65 - 126)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I140217 **Work Order #...:** J6VL11AV-MS **Matrix.....:** WATER
MS Lot-Sample #: D7I140217-009 J6VL11AW-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	93	(75 - 115)
	99	(75 - 115)
Toluene-d8	103	(78 - 118)
	111	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7I140217 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7I140000-596 **Prep Batch #...:** 7257596						
Barium	ND	100	ug/L	SW846 6010B	09/19-09/25/07	J6W601AD
		Dilution Factor: 1				
		Analysis Time..: 14:04				
Vanadium	ND	25	ug/L	SW846 6010B	09/19-09/20/07	J6W601AC
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6W601AK
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W601AN
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Cobalt	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W601AP
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Chromium	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W601AE
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W601AM
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6W601AA
		Dilution Factor: 1				
		Analysis Time..: 08:12				
MB Lot-Sample #: D7I170000-077 **Prep Batch #...:** 7260077						
Arsenic	ND	10	ug/L	SW846 6020	09/19-09/21/07	J60671AA
		Dilution Factor: 1				
		Analysis Time..: 05:08				
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J60671AC
		Dilution Factor: 1				
		Analysis Time..: 05:08				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7I140217 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J60671AD
		Dilution Factor: 1				
		Analysis Time..: 05:08				
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J60671AE
		Dilution Factor: 1				
		Analysis Time..: 05:08				
Copper	ND	10	ug/L	SW846 6020	09/19-09/21/07	J60671AF
		Dilution Factor: 1				
		Analysis Time..: 05:08				
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J60671AG
		Dilution Factor: 1				
		Analysis Time..: 05:08				
Zinc	**2.3 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J60671AH**
		Dilution Factor: 1				
		Analysis Time..: 05:08				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I140217 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7I140000-596 **Prep Batch #...:** 7257596					
Barium	92	(90 - 112)	SW846 6010B	09/19-09/25/07	J6W601AV
		Dilution Factor: 1	Analysis Time..: 14:09		
Vanadium	106	(90 - 111)	SW846 6010B	09/19-09/20/07	J6W601AU
		Dilution Factor: 1	Analysis Time..: 08:17		
Beryllium	101	(89 - 113)	SW846 6010B	09/19-09/20/07	J6W601A3
		Dilution Factor: 1	Analysis Time..: 08:17		
Silver	100	(86 - 115)	SW846 6010B	09/19-09/20/07	J6W601A6
		Dilution Factor: 1	Analysis Time..: 08:17		
Cobalt	100	(89 - 111)	SW846 6010B	09/19-09/20/07	J6W601A7
		Dilution Factor: 1	Analysis Time..: 08:17		
Chromium	105	(90 - 113)	SW846 6010B	09/19-09/20/07	J6W601AW
		Dilution Factor: 1	Analysis Time..: 08:17		
Lead	101	(89 - 110)	SW846 6010B	09/19-09/20/07	J6W601A5
		Dilution Factor: 1	Analysis Time..: 08:17		
Nickel	97	(89 - 111)	SW846 6010B	09/19-09/20/07	J6W601AT
		Dilution Factor: 1	Analysis Time..: 08:17		
LCS Lot-Sample#: D7I170000-077 **Prep Batch #...:** 7260077					
Arsenic	101	(89 - 111)	SW846 6020	09/19-09/21/07	J60671AJ
		Dilution Factor: 1	Analysis Time..: 05:12		
Cadmium	99	(89 - 111)	SW846 6020	09/19-09/21/07	J60671AK
		Dilution Factor: 1	Analysis Time..: 05:12		
Antimony	102	(71 - 128)	SW846 6020	09/19-09/21/07	J60671AL
		Dilution Factor: 1	Analysis Time..: 05:12		
Thallium	110	(86 - 124)	SW846 6020	09/19-09/21/07	J60671AM
		Dilution Factor: 1	Analysis Time..: 05:12		
Copper	107	(90 - 117)	SW846 6020	09/19-09/21/07	J60671AN
		Dilution Factor: 1	Analysis Time..: 05:12		

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I140217 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	97	(82 - 114)	SW846 6020	09/19-09/21/07	J60671AP
		Dilution Factor: 1	Analysis Time..: 05:12		
Zinc	103	(88 - 118)	SW846 6020	09/19-09/21/07	J60671AQ
		Dilution Factor: 1	Analysis Time..: 05:12		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140217 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7I140000-596 **Prep Batch #...:** 7257596							
Barium	2000	1840	ug/L	92	SW846 6010B	09/19-09/25/07	J6W601AV
			Dilution Factor: 1		Analysis Time..: 14:09		
Vanadium	500	529	ug/L	106	SW846 6010B	09/19-09/20/07	J6W601AU
			Dilution Factor: 1		Analysis Time..: 08:17		
Beryllium	50.0	50.5	ug/L	101	SW846 6010B	09/19-09/20/07	J6W601A3
			Dilution Factor: 1		Analysis Time..: 08:17		
Silver	50.0	49.8	ug/L	100	SW846 6010B	09/19-09/20/07	J6W601A6
			Dilution Factor: 1		Analysis Time..: 08:17		
Cobalt	500	499	ug/L	100	SW846 6010B	09/19-09/20/07	J6W601A7
			Dilution Factor: 1		Analysis Time..: 08:17		
Chromium	200	210	ug/L	105	SW846 6010B	09/19-09/20/07	J6W601AW
			Dilution Factor: 1		Analysis Time..: 08:17		
Lead	500	507	ug/L	101	SW846 6010B	09/19-09/20/07	J6W601A5
			Dilution Factor: 1		Analysis Time..: 08:17		
Nickel	500	487	ug/L	97	SW846 6010B	09/19-09/20/07	J6W601AT
			Dilution Factor: 1		Analysis Time..: 08:17		
LCS Lot-Sample#: D7I170000-077 **Prep Batch #...:** 7260077							
Arsenic	40.0	40.3	ug/L	101	SW846 6020	09/19-09/21/07	J60671AJ
			Dilution Factor: 1		Analysis Time..: 05:12		
Cadmium	40.0	39.5	ug/L	99	SW846 6020	09/19-09/21/07	J60671AK
			Dilution Factor: 1		Analysis Time..: 05:12		
Antimony	40.0	40.7	ug/L	102	SW846 6020	09/19-09/21/07	J60671AL
			Dilution Factor: 1		Analysis Time..: 05:12		
Thallium	40.0	43.9	ug/L	110	SW846 6020	09/19-09/21/07	J60671AM
			Dilution Factor: 1		Analysis Time..: 05:12		
Copper	40.0	42.8	ug/L	107	SW846 6020	09/19-09/21/07	J60671AN
			Dilution Factor: 1		Analysis Time..: 05:12		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140217 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	40.0	38.7	ug/L	97	SW846 6020	09/19-09/21/07	J60671AP
			Dilution Factor: 1		Analysis Time..: 05:12		
Zinc	40.0	41.3	ug/L	103	SW846 6020	09/19-09/21/07	J60671AQ
			Dilution Factor: 1		Analysis Time..: 05:12		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I140217 **Matrix.....:** WATER
Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I130170-001 **Prep Batch #...:** 7257596							
Barium	112	(85 - 120)			SW846 6010B	09/19-09/20/07	J6P4Q1CP
	112	(85 - 120)	0.08	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CQ
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Vanadium	104	(85 - 120)			SW846 6010B	09/19-09/20/07	J6P4Q1CM
	105	(85 - 120)	0.98	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CN
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Beryllium	99	(79 - 121)			SW846 6010B	09/19-09/20/07	J6P4Q1C4
	101	(79 - 121)	2.3	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1C5
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Silver	98	(75 - 141)			SW846 6010B	09/19-09/20/07	J6P4Q1DA
	100	(75 - 141)	2.1	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1DC
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Cobalt	98	(82 - 119)			SW846 6010B	09/19-09/20/07	J6P4Q1DD
	98	(82 - 119)	0.57	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1DE
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Chromium	104	(73 - 135)			SW846 6010B	09/19-09/20/07	J6P4Q1CR
	104	(73 - 135)	0.31	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CT
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Lead	99	(89 - 121)			SW846 6010B	09/19-09/20/07	J6P4Q1C8
	100	(89 - 121)	0.35	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1C9
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Nickel	95	(84 - 120)			SW846 6010B	09/19-09/20/07	J6P4Q1CK
	95	(84 - 120)	0.04	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CL
		Dilution Factor: 1					
		Analysis Time..: 08:32					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140217 **Matrix.....:** WATER
Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I130170-001 **Prep Batch #...:** 7257596									
Barium									
	26	2000	2270	ug/L	112		SW846 6010B	09/19-09/20/07	J6P4Q1CP
	26	2000	2270	ug/L	112	0.08	SW846 6010B	09/19-09/20/07	J6P4Q1C
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Vanadium									
	3.3	500	525	ug/L	104		SW846 6010B	09/19-09/20/07	J6P4Q1CM
	3.3	500	531	ug/L	105	0.98	SW846 6010B	09/19-09/20/07	J6P4Q1C
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Beryllium									
	ND	50.0	49.4	ug/L	99		SW846 6010B	09/19-09/20/07	J6P4Q1C4
	ND	50.0	50.5	ug/L	101	2.3	SW846 6010B	09/19-09/20/07	J6P4Q1C5
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Silver									
	ND	50.0	48.8	ug/L	98		SW846 6010B	09/19-09/20/07	J6P4Q1I
	ND	50.0	49.9	ug/L	100	2.1	SW846 6010B	09/19-09/20/07	J6P4Q1D
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Cobalt									
	6.0	500	495	ug/L	98		SW846 6010B	09/19-09/20/07	J6P4Q1I
	6.0	500	498	ug/L	98	0.57	SW846 6010B	09/19-09/20/07	J6P4Q1I
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Chromium									
	ND	200	211	ug/L	104		SW846 6010B	09/19-09/20/07	J6P4Q1C
	ND	200	211	ug/L	104	0.31	SW846 6010B	09/19-09/20/07	J6P4Q1
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Lead									
	ND	500	497	ug/L	99		SW846 6010B	09/19-09/20/07	J6P4Q1C
	ND	500	499	ug/L	100	0.35	SW846 6010B	09/19-09/20/07	J6P4Q1C
			Dilution Factor: 1						
			Analysis Time..: 08:32						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140217 **Matrix.....:** WATER
Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	ND	500	479	ug/L	95		SW846 6010B	09/19-09/20/07	J6P4Q1CK
	ND	500	479	ug/L	95	0.04	SW846 6010B	09/19-09/20/07	J6P4Q1CL

Dilution Factor: 1
Analysis Time..: 08:32

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I140217 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I130248-002 **Prep Batch #...:** 7257596							
Barium	117	(85 - 120)			SW846 6010B	09/19-09/20/07	J6QW81CD
	114	(85 - 120)	1.9	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CE
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Vanadium	108	(85 - 120)			SW846 6010B	09/19-09/20/07	J6QW81CF
	106	(85 - 120)	2.0	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CG
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Beryllium	103	(79 - 121)			SW846 6010B	09/19-09/20/07	J6QW81CH
	102	(79 - 121)	0.75	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CJ
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Silver	102	(75 - 141)			SW846 6010B	09/19-09/20/07	J6QW81CK
	100	(75 - 141)	1.9	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CL
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Cobalt	103	(82 - 119)			SW846 6010B	09/19-09/20/07	J6QW81CM
	101	(82 - 119)	1.2	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CN
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Chromium	108	(73 - 135)			SW846 6010B	09/19-09/20/07	J6QW81CP
	106	(73 - 135)	1.3	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CQ
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Lead	103	(89 - 121)			SW846 6010B	09/19-09/20/07	J6QW81CR
	102	(89 - 121)	0.95	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CT
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Nickel	99	(84 - 120)			SW846 6010B	09/19-09/20/07	J6QW81CU
	98	(84 - 120)	0.91	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CV
		Dilution Factor: 1					
		Analysis Time..: 08:51					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140217 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I130248-002 **Prep Batch #...:** 7257596									
Barium									
	49	2000	2380	ug/L	117		SW846 6010B	09/19-09/20/07	J6QW81CD
	49	2000	2340	ug/L	114	1.9	SW846 6010B	09/19-09/20/07	J6QW81CE
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Vanadium									
	ND	500	543	ug/L	108		SW846 6010B	09/19-09/20/07	J6QW81CF
	ND	500	532	ug/L	106	2.0	SW846 6010B	09/19-09/20/07	J6QW81CG
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Beryllium									
	ND	50.0	51.8	ug/L	103		SW846 6010B	09/19-09/20/07	J6QW81CH
	ND	50.0	51.4	ug/L	102	0.75	SW846 6010B	09/19-09/20/07	J6QW81CJ
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Silver									
	ND	50.0	50.9	ug/L	102		SW846 6010B	09/19-09/20/07	J6QW81CK
	ND	50.0	50.0	ug/L	100	1.9	SW846 6010B	09/19-09/20/07	J6QW81CL
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Cobalt									
	ND	500	514	ug/L	103		SW846 6010B	09/19-09/20/07	J6QW81CM
	ND	500	508	ug/L	101	1.2	SW846 6010B	09/19-09/20/07	J6QW81CN
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Chromium									
	ND	200	216	ug/L	108		SW846 6010B	09/19-09/20/07	J6QW81CP
	ND	200	213	ug/L	106	1.3	SW846 6010B	09/19-09/20/07	J6QW81CQ
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Lead									
	ND	500	517	ug/L	103		SW846 6010B	09/19-09/20/07	J6QW81CR
	ND	500	512	ug/L	102	0.95	SW846 6010B	09/19-09/20/07	J6QW81CT
			Dilution Factor: 1						
			Analysis Time..: 08:51						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140217 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	ND	500	495	ug/L	99		SW846 6010B	09/19-09/20/07	J6QW81C
	ND	500	491	ug/L	98	0.91	SW846 6010B	09/19-09/20/07	J6QW81CV

Dilution Factor: 1
Analysis Time..: 08:51

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I140217 **Matrix.....:** WATER
Date Sampled...: 09/13/07 10:15 **Date Received..:** 09/14/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I140215-002 **Prep Batch #...:** 7260077							
Arsenic	101	(89 - 111)			SW846 6020	09/19-09/21/07	J6VK21AV
	101	(89 - 111)	0.82	(0-20)	SW846 6020	09/19-09/21/07	J6VK21AW
		Dilution Factor: 1					
		Analysis Time..: 05:30					
Cadmium	100	(89 - 111)			SW846 6020	09/19-09/21/07	J6VK21AX
	100	(89 - 111)	0.47	(0-20)	SW846 6020	09/19-09/21/07	J6VK21A0
		Dilution Factor: 1					
		Analysis Time..: 05:30					
Antimony	104	(71 - 128)			SW846 6020	09/19-09/21/07	J6VK21A1
	105	(71 - 128)	1.3	(0-20)	SW846 6020	09/19-09/21/07	J6VK21A2
		Dilution Factor: 1					
		Analysis Time..: 05:30					
Thallium	109	(86 - 124)			SW846 6020	09/19-09/21/07	J6VK21A3
	110	(86 - 124)	1.1	(0-20)	SW846 6020	09/19-09/21/07	J6VK21A4
		Dilution Factor: 1					
		Analysis Time..: 05:30					
Copper	104	(90 - 117)			SW846 6020	09/19-09/21/07	J6VK21A5
	104	(90 - 117)	0.04	(0-20)	SW846 6020	09/19-09/21/07	J6VK21A6
		Dilution Factor: 1					
		Analysis Time..: 05:30					
Selenium	95	(82 - 114)			SW846 6020	09/19-09/21/07	J6VK21A7
	94	(82 - 114)	0.78	(0-20)	SW846 6020	09/19-09/21/07	J6VK21A8
		Dilution Factor: 1					
		Analysis Time..: 05:30					
Zinc	100	(88 - 118)			SW846 6020	09/19-09/21/07	J6VK21A9
	98	(88 - 118)	1.5	(0-20)	SW846 6020	09/19-09/21/07	J6VK21CA
		Dilution Factor: 1					
		Analysis Time..: 05:30					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140217 **Matrix.....:** WATER
Date Sampled...: 09/13/07 10:15 **Date Received..:** 09/14/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I140215-002 **Prep Batch #...:** 7260077									
Arsenic									
	0.27	40.0	40.5	ug/L	101		SW846 6020	09/19-09/21/07	J6VK21AV
	0.27	40.0	40.9	ug/L	101	0.82	SW846 6020	09/19-09/21/07	J6VK21A
			Dilution Factor: 1						
			Analysis Time..: 05:30						
Cadmium									
	ND	40.0	39.9	ug/L	100		SW846 6020	09/19-09/21/07	J6VK21AX
	ND	40.0	40.1	ug/L	100	0.47	SW846 6020	09/19-09/21/07	J6VK21A
			Dilution Factor: 1						
			Analysis Time..: 05:30						
Antimony									
	ND	40.0	41.4	ug/L	104		SW846 6020	09/19-09/21/07	J6VK21A
	ND	40.0	42.0	ug/L	105	1.3	SW846 6020	09/19-09/21/07	J6VK21A2
			Dilution Factor: 1						
			Analysis Time..: 05:30						
Thallium									
	ND	40.0	43.6	ug/L	109		SW846 6020	09/19-09/21/07	J6VK21A
	ND	40.0	44.1	ug/L	110	1.1	SW846 6020	09/19-09/21/07	J6VK21A4
			Dilution Factor: 1						
			Analysis Time..: 05:30						
Copper									
	0.78	40.0	42.5	ug/L	104		SW846 6020	09/19-09/21/07	J6VK21A
	0.78	40.0	42.5	ug/L	104	0.04	SW846 6020	09/19-09/21/07	J6VK21A
			Dilution Factor: 1						
			Analysis Time..: 05:30						
Selenium									
	ND	40.0	37.9	ug/L	95		SW846 6020	09/19-09/21/07	J6VK21A
	ND	40.0	37.6	ug/L	94	0.78	SW846 6020	09/19-09/21/07	J6VK21A
			Dilution Factor: 1						
			Analysis Time..: 05:30						
Zinc									
	4.8	40.0	44.6	ug/L	100		SW846 6020	09/19-09/21/07	J6VK21A
	4.8	40.0	44.0	ug/L	98	1.5	SW846 6020	09/19-09/21/07	J6VK21C
			Dilution Factor: 1						
			Analysis Time..: 05:30						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I140217 **Matrix.....:** WATER
Date Sampled...: 09/13/07 11:56 **Date Received..:** 09/14/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I140217-002 **Prep Batch #...:** 7260077							
Arsenic	99	(89 - 111)			SW846 6020	09/19-09/21/07	J6VLN1AV
	101	(89 - 111)	2.3	(0-20)	SW846 6020	09/19-09/21/07	J6VLN1AW
		Dilution Factor: 1					
		Analysis Time..: 06:04					
Cadmium	98	(89 - 111)			SW846 6020	09/19-09/21/07	J6VLN1AX
	99	(89 - 111)	0.55	(0-20)	SW846 6020	09/19-09/21/07	J6VLN1A0
		Dilution Factor: 1					
		Analysis Time..: 06:04					
Antimony	101	(71 - 128)			SW846 6020	09/19-09/21/07	J6VLN1A1
	103	(71 - 128)	2.0	(0-20)	SW846 6020	09/19-09/21/07	J6VLN1A2
		Dilution Factor: 1					
		Analysis Time..: 06:04					
Thallium	108	(86 - 124)			SW846 6020	09/19-09/21/07	J6VLN1A3
	109	(86 - 124)	1.1	(0-20)	SW846 6020	09/19-09/21/07	J6VLN1A4
		Dilution Factor: 1					
		Analysis Time..: 06:04					
Copper	106	(90 - 117)			SW846 6020	09/19-09/21/07	J6VLN1A5
	104	(90 - 117)	1.5	(0-20)	SW846 6020	09/19-09/21/07	J6VLN1A6
		Dilution Factor: 1					
		Analysis Time..: 06:04					
Selenium	91	(82 - 114)			SW846 6020	09/19-09/21/07	J6VLN1A7
	92	(82 - 114)	1.4	(0-20)	SW846 6020	09/19-09/21/07	J6VLN1A8
		Dilution Factor: 1					
		Analysis Time..: 06:04					
Zinc	98	(88 - 118)			SW846 6020	09/19-09/21/07	J6VLN1A9
	98	(88 - 118)	0.49	(0-20)	SW846 6020	09/19-09/21/07	J6VLN1CA
		Dilution Factor: 1					
		Analysis Time..: 06:04					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140217 **Matrix.....:** WATER
Date Sampled...: 09/13/07 11:56 **Date Received..:** 09/14/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I140217-002 **Prep Batch #...:** 7260077									
Arsenic									
	ND	40.0	39.5	ug/L	99		SW846 6020	09/19-09/21/07	J6VLN1AV
	ND	40.0	40.4	ug/L	101	2.3	SW846 6020	09/19-09/21/07	J6VLN1A
			Dilution Factor: 1						
			Analysis Time..: 06:04						
Cadmium									
	0.049	40.0	39.3	ug/L	98		SW846 6020	09/19-09/21/07	J6VLN1AX
	0.049	40.0	39.5	ug/L	99	0.55	SW846 6020	09/19-09/21/07	J6VLN1A
			Dilution Factor: 1						
			Analysis Time..: 06:04						
Antimony									
	ND	40.0	40.5	ug/L	101		SW846 6020	09/19-09/21/07	J6VLN1A
	ND	40.0	41.3	ug/L	103	2.0	SW846 6020	09/19-09/21/07	J6VLN1A2
			Dilution Factor: 1						
			Analysis Time..: 06:04						
Thallium									
	ND	40.0	43.3	ug/L	108		SW846 6020	09/19-09/21/07	J6VLN1A
	ND	40.0	43.8	ug/L	109	1.1	SW846 6020	09/19-09/21/07	J6VLN1A4
			Dilution Factor: 1						
			Analysis Time..: 06:04						
Copper									
	1.2	40.0	43.5	ug/L	106		SW846 6020	09/19-09/21/07	J6VLN1A
	1.2	40.0	42.8	ug/L	104	1.5	SW846 6020	09/19-09/21/07	J6VLN1A
			Dilution Factor: 1						
			Analysis Time..: 06:04						
Selenium									
	ND	40.0	36.2	ug/L	91		SW846 6020	09/19-09/21/07	J6VLN1A7
	ND	40.0	36.7	ug/L	92	1.4	SW846 6020	09/19-09/21/07	J6VLN1A
			Dilution Factor: 1						
			Analysis Time..: 06:04						
Zinc									
	9.1	40.0	48.1	ug/L	98		SW846 6020	09/19-09/21/07	J6VLN1A5
	9.1	40.0	48.4	ug/L	98	0.49	SW846 6020	09/19-09/21/07	J6VLN1CA
			Dilution Factor: 1						
			Analysis Time..: 06:04						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

[redacted]

3.1, 3.0°C

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

95

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
WM	MARK SNYDER	9-13-07	354745
Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 1
City / State / Zip Code	Site Contact	Lab Contact: Betsy Sara	
Project Name and Location (State): Piedmont	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: 134 26744-A			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil		Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		Analysis (Attach list if more space is needed): VOA	Metals (Tot)	Special Instructions/ Conditions of Receipt
MW06	9-13	1218		X						1	3				3	1	TRIP BLANK
MW01	9-13	1156		X						1	3				3	1	PROVIDED WITH
MW11	9-13	0919		X						1	3				3	1	ALL SAMPLES
MW11D	9-13	0949		X						1	3				3	1	FOR VOA
MW10	9-13	0952		X						1	3				3	1	ANALYSES.
MW03	9-13	0819		X						1	3				3	1	
MW07	9-13	0757		X						1	3				3	1	
MW02	9-13	0723		X						1	3				3	1	
MW12	9-13	1234		X						1	3				3	1	
MW05	9-13	1309		X						1	3				3	1	
MW08	9-13	1225		X						1	3				3	1	
FB	9-13	1345		X						1	3				3	1	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other_____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	9-13-07	1700	1. Received By	9/14/07	0850
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Project No. Site 134

Piedmont Landfill

Lot #: D7I130248

Groundwater

Mark Snyder

Waste Management Inc.
Southern Area
2859 Paces Ferry Road Suite 1600
Atlanta, GA 30339

Cc: Van Burbach

TestAmerica Denver
North Carolina Certification # 358

Betsy Sara
Project Manager

October 1, 2007

Table Of Contents

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- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **Chain-of-Custody**

Lot #: D7I130248

Case Narrative

Enclosed is the report for four samples received at TestAmerica Denver on September 13, 2007. The results included in this report have been reviewed for compliance with TestAmerica's Laboratory Quality Manual. The test results shown in this report meet all requirements of NELAC and any exceptions are noted below. TestAmerica Denver is NELAP approved for all parameters reported. TestAmerica's North Carolina certification number is 358.

The reporting limits (RLs) in this report are North Carolina SWSLs.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Quality Control Summary for Lots D7I130248

Sample Receiving

The cooler temperature upon receipt at the Denver laboratory was 3.3°C.

All sample bottles were received in acceptable condition.

Holding Times

All holding times were within established control limits.

Method Blanks

Total Copper and Total Zinc Method 6020 were detected in the Method Blank below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits. The Method Blank data are included at the end of this report.

All other Method Blanks were within established control limits.

Laboratory Control Samples (LCS)

All Laboratory Control Samples were within established control limits.

Lot #: D7I130248

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

Sample S01 (D7I140215-001) was selected to fulfill the laboratory batch quality control requirements for Method 8260B. Analysis of the laboratory generated MS/MSD for this sample provided an MSD recovery of Methylene Chloride above the upper control limit indicating the possible presence of a matrix interference.

All other MS/MSD samples were within established control limits.

Inorganics

The bracketing Continuing Calibration Verification Samples (CCV) were above control limits for Barium during Method 6010B analysis. Because the data are considered to be biased high and Barium was not detected in the associated samples above the reporting limit, corrective action was deemed unnecessary.

EXECUTIVE SUMMARY - Detection Highlights

D7I130248

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
3406-MW04D 09/12/07 15:37 001				
Copper - DISSOLVED	0.56 B	10	ug/L	SW846 6020
Zinc - DISSOLVED	7.7 B,J	10	ug/L	SW846 6020
Barium - DISSOLVED	76 B	100	ug/L	SW846 6010B
Chromium - DISSOLVED	14	10	ug/L	SW846 6010B
Lead - DISSOLVED	6.5 B	10	ug/L	SW846 6010B
Vanadium - DISSOLVED	16 B	25	ug/L	SW846 6010B
Cobalt - DISSOLVED	1.9 B	10	ug/L	SW846 6010B
Beryllium - DISSOLVED	0.85 B	1.0	ug/L	SW846 6010B
Arsenic	0.35 B	10	ug/L	SW846 6020
Thallium	0.098 B	5.5	ug/L	SW846 6020
Copper	2.0 B,J	10	ug/L	SW846 6020
Zinc	43 J	10	ug/L	SW846 6020
Barium	25 B	100	ug/L	SW846 6010B
Vanadium	2.6 B	25	ug/L	SW846 6010B
Chromium	10	10	ug/L	SW846 6010B
3406-MW04 09/12/07 16:11 002				
Zinc - DISSOLVED	9.6 B,J	10	ug/L	SW846 6020
Barium - DISSOLVED	49 B	100	ug/L	SW846 6010B
Zinc	8.9 B,J	10	ug/L	SW846 6020
Barium	49 B	100	ug/L	SW846 6010B
3406-MW12D 09/12/07 15:02 003				
Arsenic	0.21 B	10	ug/L	SW846 6020
Copper	3.2 B,J	10	ug/L	SW846 6020
Zinc	12 J	10	ug/L	SW846 6020
Barium	13 B	100	ug/L	SW846 6010B
Vanadium	5.6 B	25	ug/L	SW846 6010B
Chromium	3.9 B	10	ug/L	SW846 6010B

PREPARATION METHODS SUMMARY

D7I130248

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Acid Digestion for Total Metals by ICPMS	SW846 3005A	SW846 6020
Acid Digestion for Total Metals by ICPMS	SW846 3020A	SW846 6020
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
25 mL Purge-and-Trap	SW846 5030B/826	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

ANALYTICAL METHODS SUMMARY

D7I130248

PARAMETER	ANALYTICAL METHOD
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Volatile Organics by GC/MS	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D7I130248

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 6010B	Lynn-Anne Trudell	6645
SW846 6020	Janel Motichka	2862
SW846 8260B	Jennifer Hazard	007928

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D7I130248

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J6QV2	001	3406-MW04D	09/12/07	15:37
J6QW8	002	3406-MW04	09/12/07	16:11
J6QXA	003	3406-MW12D	09/12/07	15:02
J6QXE	004	TRIP	09/12/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Waste Management, Inc.

Client Sample ID: 3406-MW04D

GC/MS Volatiles

Lot-Sample #...: D7I130248-001 **Work Order #...:** J6QV21AM **Matrix.....:** WATER
Date Sampled...: 09/12/07 15:37 **Date Received..:** 09/13/07
Prep Date.....: 09/24/07 **Analysis Date..:** 09/24/07
Prep Batch #...: 7268574 **Analysis Time..:** 23:32
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 3406-MW04D

GC/MS Volatiles

Lot-Sample #...: D7I130248-001 **Work Order #...:** J6QV21AM **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(79 - 119)
1,2-Dichloroethane-d4	110	(65 - 126)
4-Bromofluorobenzene	107	(75 - 115)
Toluene-d8	106	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW04

GC/MS Volatiles

Lot-Sample #...: D7I130248-002 **Work Order #...:** J6QW81A0 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07
Prep Date.....: 09/24/07 **Analysis Date..:** 09/25/07
Prep Batch #...: 7268574 **Analysis Time..:** 00:04
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 3406-MW04

GC/MS Volatiles

Lot-Sample #...: D7I130248-002 **Work Order #...:** J6QW81A0 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	116	(79 - 119)
1,2-Dichloroethane-d4	116	(65 - 126)
4-Bromofluorobenzene	110	(75 - 115)
Toluene-d8	107	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW12D

GC/MS Volatiles

Lot-Sample #...: D7I130248-003 **Work Order #...:** J6QXA1AM **Matrix.....:** WATER
Date Sampled...: 09/12/07 15:02 **Date Received..:** 09/13/07
Prep Date.....: 09/24/07 **Analysis Date..:** 09/25/07
Prep Batch #...: 7268574 **Analysis Time..:** 00:22
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 3406-MW12D

GC/MS Volatiles

Lot-Sample #...: D7I130248-003 **Work Order #...:** J6QXA1AM **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	111	(79 - 119)
1,2-Dichloroethane-d4	110	(65 - 126)
4-Bromofluorobenzene	108	(75 - 115)
Toluene-d8	106	(78 - 118)

Waste Management, Inc.

Client Sample ID: TRIP

GC/MS Volatiles

Lot-Sample #...: D7I130248-004 **Work Order #...:** J6QXE1AA **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07
Prep Date.....: 09/24/07 **Analysis Date..:** 09/25/07
Prep Batch #...: 7268574 **Analysis Time..:** 00:40
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16

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Waste Management, Inc.

Client Sample ID: TRIP

GC/MS Volatiles

Lot-Sample #...: D7I130248-004 **Work Order #...:** J6QXE1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(79 - 119)
1,2-Dichloroethane-d4	113	(65 - 126)
4-Bromofluorobenzene	106	(75 - 115)
Toluene-d8	106	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW04D

TOTAL Metals

Lot-Sample #...: D7I130248-001 **Matrix.....:** WATER
Date Sampled...: 09/12/07 15:37 **Date Received..:** 09/13/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257596						
Barium	**25 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6QV21AC**
		Dilution Factor: 1		Analysis Time..: 08:41	MDL.....: 1.0	
Vanadium	**2.6 B**	**25**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6QV21AD**
		Dilution Factor: 1		Analysis Time..: 08:41	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6QV21AN
		Dilution Factor: 1		Analysis Time..: 08:41	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6QV21AP
		Dilution Factor: 1		Analysis Time..: 08:41	MDL.....: 2.8	
Cobalt	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6QV21AQ
		Dilution Factor: 1		Analysis Time..: 08:41	MDL.....: 1.2	
Chromium	**10**	**10**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6QV21AR**
		Dilution Factor: 1		Analysis Time..: 08:41	MDL.....: 2.6	
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6QV21AT
		Dilution Factor: 1		Analysis Time..: 08:41	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6QV21AU
		Dilution Factor: 1		Analysis Time..: 08:41	MDL.....: 7.8	
Prep Batch #...: 7260079						
Arsenic	**0.35 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6QV21AE**
		Dilution Factor: 1		Analysis Time..: 00:05	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J6QV21AF
		Dilution Factor: 1		Analysis Time..: 00:05	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6QV21AG
		Dilution Factor: 1		Analysis Time..: 00:05	MDL.....: 0.070	
Thallium	**0.098 B**	**5.5**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6QV21AH**
		Dilution Factor: 1		Analysis Time..: 00:05	MDL.....: 0.020	
Copper	**2.0 B,J**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6QV21AJ**
		Dilution Factor: 1		Analysis Time..: 00:05	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-MW04D

TOTAL Metals

Lot-Sample #...: D7I130248-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6QV21AK
		Dilution Factor: 1		Analysis Time..: 00:05	MDL.....: 0.70	
Zinc	43 J	10	ug/L	SW846 6020	09/19-09/21/07	J6QV21AL
		Dilution Factor: 1		Analysis Time..: 00:05	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-MW04D

DISSOLVED Metals

Lot-Sample #...: D7I130248-001 **Matrix.....:** WATER
Date Sampled...: 09/12/07 15:37 **Date Received..:** 09/13/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257568						
Barium	**76 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6QV21AX**
		Dilution Factor: 1		Analysis Time..: 03:56	MDL.....: 1.0	
Chromium	**14**	**10**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6QV21A0**
		Dilution Factor: 1		Analysis Time..: 03:56	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6QV21A1
		Dilution Factor: 1		Analysis Time..: 03:56	MDL.....: 7.8	
Lead	**6.5 B**	**10**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6QV21A2**
		Dilution Factor: 1		Analysis Time..: 03:56	MDL.....: 2.6	
Vanadium	**16 B**	**25**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6QV21A3**
		Dilution Factor: 1		Analysis Time..: 03:56	MDL.....: 2.5	
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6QV21A4
		Dilution Factor: 1		Analysis Time..: 03:56	MDL.....: 2.8	
Cobalt	**1.9 B**	**10**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6QV21A5**
		Dilution Factor: 1		Analysis Time..: 03:56	MDL.....: 1.2	
Beryllium	**0.85 B**	**1.0**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6QV21A8**
		Dilution Factor: 1		Analysis Time..: 03:56	MDL.....: 0.47	
Prep Batch #...: 7260065						
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6QV21AV
		Dilution Factor: 1		Analysis Time..: 01:58	MDL.....: 0.070	
Arsenic	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6QV21AW
		Dilution Factor: 1		Analysis Time..: 01:58	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J6QV21A6
		Dilution Factor: 1		Analysis Time..: 01:58	MDL.....: 0.040	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6QV21A7
		Dilution Factor: 1		Analysis Time..: 01:58	MDL.....: 0.020	
Copper	**0.56 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6QV21A9**
		Dilution Factor: 1		Analysis Time..: 01:58	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-MW04D

DISSOLVED Metals

Lot-Sample #...: D7I130248-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6QV21CA
		Dilution Factor: 1		Analysis Time..: 01:58	MDL.....: 0.70	
Zinc	7.7 B,J	10	ug/L	SW846 6020	09/19-09/21/07	J6QV21CC
		Dilution Factor: 1		Analysis Time..: 01:58	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-MW04

TOTAL Metals

Lot-Sample #...: D7I130248-002 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257596						
Barium	**49 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6QW81AN**
		Dilution Factor: 1		Analysis Time..: 08:46	MDL.....: 1.0	
Vanadium	ND	25	ug/L	SW846 6010B	09/19-09/20/07	J6QW81AP
		Dilution Factor: 1		Analysis Time..: 08:46	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6QW81A1
		Dilution Factor: 1		Analysis Time..: 08:46	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6QW81A2
		Dilution Factor: 1		Analysis Time..: 08:46	MDL.....: 2.8	
Cobalt	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6QW81A3
		Dilution Factor: 1		Analysis Time..: 08:46	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6QW81A4
		Dilution Factor: 1		Analysis Time..: 08:46	MDL.....: 2.6	
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6QW81A5
		Dilution Factor: 1		Analysis Time..: 08:46	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6QW81A6
		Dilution Factor: 1		Analysis Time..: 08:46	MDL.....: 7.8	
Prep Batch #...: 7260079						
Arsenic	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6QW81AQ
		Dilution Factor: 1		Analysis Time..: 00:09	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J6QW81AR
		Dilution Factor: 1		Analysis Time..: 00:09	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6QW81AT
		Dilution Factor: 1		Analysis Time..: 00:09	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6QW81AU
		Dilution Factor: 1		Analysis Time..: 00:09	MDL.....: 0.020	
Copper	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6QW81AV
		Dilution Factor: 1		Analysis Time..: 00:09	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-MW04

TOTAL Metals

Lot-Sample #...: D7I130248-002 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6QW81AW
		Dilution Factor: 1		Analysis Time..: 00:09	MDL.....: 0.70	
Zinc	**8.9 B,J**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6QW81AX**
		Dilution Factor: 1		Analysis Time..: 00:09	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-MW04

DISSOLVED Metals

Lot-Sample #...: D7I130248-002 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257568						
Barium	**49 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6QW81A9**
		Dilution Factor: 1		Analysis Time..: 04:15	MDL.....: 1.0	
Chromium	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6QW81AA
		Dilution Factor: 1		Analysis Time..: 04:15	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6QW81AC
		Dilution Factor: 1		Analysis Time..: 04:15	MDL.....: 7.8	
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6QW81AD
		Dilution Factor: 1		Analysis Time..: 04:15	MDL.....: 2.6	
Vanadium	ND	25	ug/L	SW846 6010B	09/19-09/20/07	J6QW81AE
		Dilution Factor: 1		Analysis Time..: 04:15	MDL.....: 2.5	
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6QW81AF
		Dilution Factor: 1		Analysis Time..: 04:15	MDL.....: 2.8	
Cobalt	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6QW81AG
		Dilution Factor: 1		Analysis Time..: 04:15	MDL.....: 1.2	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6QW81AK
		Dilution Factor: 1		Analysis Time..: 04:15	MDL.....: 0.47	
Prep Batch #...: 7260065						
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6QW81A7
		Dilution Factor: 1		Analysis Time..: 02:01	MDL.....: 0.070	
Arsenic	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6QW81A8
		Dilution Factor: 1		Analysis Time..: 02:01	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J6QW81AH
		Dilution Factor: 1		Analysis Time..: 02:01	MDL.....: 0.040	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6QW81AJ
		Dilution Factor: 1		Analysis Time..: 02:01	MDL.....: 0.020	
Copper	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6QW81AL
		Dilution Factor: 1		Analysis Time..: 02:01	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-MW04

DISSOLVED Metals

Lot-Sample #...: D7I130248-002 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6QW81CA
		Dilution Factor: 1		Analysis Time..: 02:01	MDL.....: 0.70	
Zinc	9.6 B,J	10	ug/L	SW846 6020	09/19-09/21/07	J6QW81CC
		Dilution Factor: 1		Analysis Time..: 02:01	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-MW12D

TOTAL Metals

Lot-Sample #...: D7I130248-003 **Matrix.....:** WATER
Date Sampled...: 09/12/07 15:02 **Date Received..:** 09/13/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257596						
Barium	**13 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6QXA1AC**
		Dilution Factor: 1		Analysis Time..: 09:15	MDL.....: 1.0	
Vanadium	**5.6 B**	**25**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6QXA1AD**
		Dilution Factor: 1		Analysis Time..: 09:15	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6QXA1AN
		Dilution Factor: 1		Analysis Time..: 09:15	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6QXA1AP
		Dilution Factor: 1		Analysis Time..: 09:15	MDL.....: 2.8	
Cobalt	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6QXA1AQ
		Dilution Factor: 1		Analysis Time..: 09:15	MDL.....: 1.2	
Chromium	**3.9 B**	**10**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6QXA1AR**
		Dilution Factor: 1		Analysis Time..: 09:15	MDL.....: 2.6	
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6QXA1AT
		Dilution Factor: 1		Analysis Time..: 09:15	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6QXA1AU
		Dilution Factor: 1		Analysis Time..: 09:15	MDL.....: 7.8	
Prep Batch #...: 7260079						
Arsenic	**0.21 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6QXA1AE**
		Dilution Factor: 1		Analysis Time..: 00:35	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J6QXA1AF
		Dilution Factor: 1		Analysis Time..: 00:35	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6QXA1AG
		Dilution Factor: 1		Analysis Time..: 00:35	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6QXA1AH
		Dilution Factor: 1		Analysis Time..: 00:35	MDL.....: 0.020	
Copper	**3.2 B,J**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6QXA1AJ**
		Dilution Factor: 1		Analysis Time..: 00:35	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-MW12D

TOTAL Metals

Lot-Sample #...: D7I130248-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6QXA1AK
		Dilution Factor: 1		Analysis Time..: 00:35	MDL.....: 0.70	
Zinc	**12 J**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6QXA1AL**
		Dilution Factor: 1		Analysis Time..: 00:35	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

QC DATA ASSOCIATION SUMMARY

D7I130248

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 6020		7260065	7260041
	WATER	SW846 6020		7260079	7260061
	WATER	SW846 8260B		7268574	7268348
	WATER	SW846 6010B		7257568	7257343
	WATER	SW846 6010B		7257596	7257366
002	WATER	SW846 6020		7260065	7260041
	WATER	SW846 6020		7260079	7260061
	WATER	SW846 8260B		7268574	7268348
	WATER	SW846 6010B		7257568	7257343
	WATER	SW846 6010B		7257596	7257366
003	WATER	SW846 6020		7260079	7260061
	WATER	SW846 8260B		7268574	7268348
	WATER	SW846 6010B		7257596	7257366
004	WATER	SW846 8260B		7268574	7268348

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7I130248 **Work Order #...:** J7MKJ1AA **Matrix.....:** WATER
MB Lot-Sample #: D7I250000-574

Prep Date.....: 09/24/07 **Analysis Time..:** 22:28

Analysis Date..: 09/24/07 **Prep Batch #...:** 7268574
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	100	ug/L	SW846 8260B
Acrylonitrile	ND	200	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	3.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	3.0	ug/L	SW846 8260B
Bromomethane	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	100	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	3.0	ug/L	SW846 8260B
Dibromochloromethane	ND	3.0	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	100	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	50	ug/L	SW846 8260B
Iodomethane	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	100	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7I130248 **Work Order #...:** J7MKJ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	50	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	5.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	100	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(79 - 119)
1,2-Dichloroethane-d4	110	(65 - 126)
4-Bromofluorobenzene	107	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I130248 **Work Order #...:** J7MKJ1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7I250000-574
Prep Date.....: 09/24/07 **Analysis Date..:** 09/24/07
Prep Batch #...: 7268574 **Analysis Time..:** 21:51
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**92**	**(68 - 133)**	**SW846 8260B**
Benzene	**90**	**(77 - 118)**	**SW846 8260B**
Chlorobenzene	**93**	**(78 - 118)**	**SW846 8260B**
Toluene	**91**	**(73 - 120)**	**SW846 8260B**
Trichloroethene	**99**	**(78 - 122)**	**SW846 8260B**
Chloroform	**100**	**(78 - 118)**	**SW846 8260B**
1,1-Dichloroethane	**92**	**(77 - 117)**	**SW846 8260B**
1,2-Dichloropropane	**92**	**(76 - 116)**	**SW846 8260B**
Ethylbenzene	**90**	**(78 - 118)**	**SW846 8260B**
Methylene chloride	**107**	**(71 - 119)**	**SW846 8260B**
Tetrachloroethene	**93**	**(77 - 117)**	**SW846 8260B**
1,1,1-Trichloroethane	**100**	**(78 - 118)**	**SW846 8260B**
Carbon tetrachloride	**106**	**(80 - 120)**	**SW846 8260B**
trans-1,2-Dichloroethene	**88**	**(80 - 120)**	**SW846 8260B**
Bromodichloromethane	**101**	**(78 - 118)**	**SW846 8260B**
1,3-Dichlorobenzene	**93**	**(75 - 115)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(79 - 119)
1,2-Dichloroethane-d4	107	(65 - 126)
4-Bromofluorobenzene	112	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I130248 Work Order #...: J7MKJ1AC Matrix.....: WATER
LCS Lot-Sample#: D7I250000-574
Prep Date.....: 09/24/07 Analysis Date..: 09/24/07
Prep Batch #...: 7268574 Analysis Time..: 21:51
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**9.22**	**ug/L**	**92**	**SW846 8260B**
Benzene	**10.0**	**9.05**	**ug/L**	**90**	**SW846 8260B**
Chlorobenzene	**10.0**	**9.28**	**ug/L**	**93**	**SW846 8260B**
Toluene	**10.0**	**9.06**	**ug/L**	**91**	**SW846 8260B**
Trichloroethene	**10.0**	**9.91**	**ug/L**	**99**	**SW846 8260B**
Chloroform	**10.0**	**10.0**	**ug/L**	**100**	**SW846 8260B**
1,1-Dichloroethane	**10.0**	**9.18**	**ug/L**	**92**	**SW846 8260B**
1,2-Dichloropropane	**10.0**	**9.20**	**ug/L**	**92**	**SW846 8260B**
Ethylbenzene	**10.0**	**9.05**	**ug/L**	**90**	**SW846 8260B**
Methylene chloride	**10.0**	**10.7**	**ug/L**	**107**	**SW846 8260B**
Tetrachloroethene	**10.0**	**9.28**	**ug/L**	**93**	**SW846 8260B**
1,1,1-Trichloroethane	**10.0**	**10.0**	**ug/L**	**100**	**SW846 8260B**
Carbon tetrachloride	**10.0**	**10.6**	**ug/L**	**106**	**SW846 8260B**
trans-1,2-Dichloroethene	**10.0**	**8.81**	**ug/L**	**88**	**SW846 8260B**
Bromodichloromethane	**10.0**	**10.1**	**ug/L**	**101**	**SW846 8260B**
1,3-Dichlorobenzene	**10.0**	**9.29**	**ug/L**	**93**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(79 - 119)
1,2-Dichloroethane-d4	107	(65 - 126)
4-Bromofluorobenzene	112	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I130248 Work Order #...: J6VK01CE-MS Matrix.....: WATER
MS Lot-Sample #: D7I140215-001 J6VK01CF-MSD
Date Sampled...: 09/13/07 11:15 Date Received..: 09/14/07
Prep Date.....: 09/24/07 Analysis Date..: 09/25/07
Prep Batch #...: 7268574 Analysis Time..: 01:54
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	94	(68 - 133)			SW846 8260B
	92	(68 - 133)	2.2	(0-20)	SW846 8260B
Benzene	94	(77 - 118)			SW846 8260B
	94	(77 - 118)	0.62	(0-20)	SW846 8260B
Chlorobenzene	96	(78 - 118)			SW846 8260B
	94	(78 - 118)	2.3	(0-20)	SW846 8260B
Toluene	93	(73 - 120)			SW846 8260B
	93	(73 - 120)	0.17	(0-20)	SW846 8260B
Trichloroethene	99	(78 - 122)			SW846 8260B
	99	(78 - 122)	0.31	(0-20)	SW846 8260B
Chloroform	104	(78 - 118)			SW846 8260B
	104	(78 - 118)	0.08	(0-20)	SW846 8260B
1,1-Dichloroethane	96	(77 - 117)			SW846 8260B
	96	(77 - 117)	0.50	(0-21)	SW846 8260B
1,2-Dichloropropane	97	(76 - 116)			SW846 8260B
	97	(76 - 116)	0.43	(0-20)	SW846 8260B
Ethylbenzene	95	(78 - 118)			SW846 8260B
	93	(78 - 118)	2.2	(0-26)	SW846 8260B
Methylene chloride	110	(71 - 119)			SW846 8260B
	127 a	(71 - 119)	15	(0-20)	SW846 8260B
Tetrachloroethene	93	(77 - 117)			SW846 8260B
	93	(77 - 117)	0.39	(0-20)	SW846 8260B
1,1,1-Trichloroethane	105	(78 - 118)			SW846 8260B
	105	(78 - 118)	0.44	(0-20)	SW846 8260B
Carbon tetrachloride	109	(80 - 120)			SW846 8260B
	110	(80 - 120)	0.45	(0-21)	SW846 8260B
trans-1,2-Dichloroethene	89	(80 - 120)			SW846 8260B
	89	(80 - 120)	0.47	(0-24)	SW846 8260B
Bromodichloromethane	103	(78 - 118)			SW846 8260B
	103	(78 - 118)	0.64	(0-20)	SW846 8260B
1,3-Dichlorobenzene	94	(75 - 115)			SW846 8260B
	94	(75 - 115)	0.03	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(79 - 119)
	113	(79 - 119)
1,2-Dichloroethane-d4	106	(65 - 126)
	106	(65 - 126)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I130248 **Work Order #...:** J6VK01CE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7I140215-001 J6VK01CF-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	114	(75 - 115)
	111	(75 - 115)
Toluene-d8	107	(78 - 118)
	108	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I130248 Work Order #...: J6VK01CE-MS Matrix.....: WATER
MS Lot-Sample #: D7I140215-001 J6VK01CF-MSD
Date Sampled...: 09/13/07 11:15 Date Received..: 09/14/07
Prep Date.....: 09/24/07 Analysis Date..: 09/25/07
Prep Batch #...: 7268574 Analysis Time..: 01:54
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	9.37	ug/L	94		SW846 8260B
	ND	10.0	9.17	ug/L	92	2.2	SW846 8260B
Benzene	ND	10.0	9.42	ug/L	94		SW846 8260B
	ND	10.0	9.36	ug/L	94	0.62	SW846 8260B
Chlorobenzene	ND	10.0	9.64	ug/L	96		SW846 8260B
	ND	10.0	9.42	ug/L	94	2.3	SW846 8260B
Toluene	ND	10.0	9.29	ug/L	93		SW846 8260B
	ND	10.0	9.27	ug/L	93	0.17	SW846 8260B
Trichloroethene	ND	10.0	9.90	ug/L	99		SW846 8260B
	ND	10.0	9.87	ug/L	99	0.31	SW846 8260B
Chloroform	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.4	ug/L	104	0.08	SW846 8260B
1,1-Dichloroethane	0.42	10.0	10.1	ug/L	96		SW846 8260B
	0.42	10.0	10.0	ug/L	96	0.50	SW846 8260B
1,2-Dichloropropane	ND	10.0	9.73	ug/L	97		SW846 8260B
	ND	10.0	9.69	ug/L	97	0.43	SW846 8260B
Ethylbenzene	ND	10.0	9.55	ug/L	95		SW846 8260B
	ND	10.0	9.34	ug/L	93	2.2	SW846 8260B
Methylene chloride	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	12.7	ug/L	127 a	15	SW846 8260B
Tetrachloroethene	ND	10.0	9.26	ug/L	93		SW846 8260B
	ND	10.0	9.30	ug/L	93	0.39	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	10.5	ug/L	105	0.44	SW846 8260B
Carbon tetrachloride	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	11.0	ug/L	110	0.45	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	8.93	ug/L	89		SW846 8260B
	ND	10.0	8.88	ug/L	89	0.47	SW846 8260B
Bromodichloromethane	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.3	ug/L	103	0.64	SW846 8260B
1,3-Dichlorobenzene	ND	10.0	9.38	ug/L	94		SW846 8260B
	ND	10.0	9.38	ug/L	94	0.03	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(79 - 119)
	113	(79 - 119)
1,2-Dichloroethane-d4	106	(65 - 126)
	106	(65 - 126)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I130248 **Work Order #...:** J6VK01CE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7I140215-001 J6VK01CF-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	114	(75 - 115)
	111	(75 - 115)
Toluene-d8	107	(78 - 118)
	108	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7I140000-596 **Prep Batch #...:** 7257596						
Barium	ND	100	ug/L	SW846 6010B	09/19-09/25/07	J6W601AD
		Dilution Factor: 1				
		Analysis Time..: 14:04				
Vanadium	ND	25	ug/L	SW846 6010B	09/19-09/20/07	J6W601AC
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6W601AK
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W601AN
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Cobalt	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W601AP
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Chromium	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W601AE
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W601AM
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6W601AA
		Dilution Factor: 1				
		Analysis Time..: 08:12				
MB Lot-Sample #: D7I170000-079 **Prep Batch #...:** 7260079						
Arsenic	ND	10	ug/L	SW846 6020	09/19-09/20/07	J607A1AA
		Dilution Factor: 1				
		Analysis Time..: 23:54				
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/20/07	J607A1AC
		Dilution Factor: 1				
		Analysis Time..: 23:54				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/20/07	J607A1AD
		Dilution Factor: 1				
		Analysis Time..: 23:54				
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/20/07	J607A1AE
		Dilution Factor: 1				
		Analysis Time..: 23:54				
Copper	**1.5 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/20/07**	**J607A1AF**
		Dilution Factor: 1				
		Analysis Time..: 23:54				
Selenium	ND	10	ug/L	SW846 6020	09/19-09/20/07	J607A1AG
		Dilution Factor: 1				
		Analysis Time..: 23:54				
Zinc	**3.2 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/20/07**	**J607A1AH**
		Dilution Factor: 1				
		Analysis Time..: 23:54				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7I140000-568 **Prep Batch #...:** 7257568						
Barium	ND	100	ug/L	SW846 6010B	09/19-09/20/07	J6W2E1AA
		Dilution Factor: 1				
		Analysis Time..: 03:46				
Chromium	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W2E1AC
		Dilution Factor: 1				
		Analysis Time..: 03:46				
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6W2E1AD
		Dilution Factor: 1				
		Analysis Time..: 03:46				
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W2E1AE
		Dilution Factor: 1				
		Analysis Time..: 03:46				
Vanadium	ND	25	ug/L	SW846 6010B	09/19-09/20/07	J6W2E1AF
		Dilution Factor: 1				
		Analysis Time..: 03:46				
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W2E1AG
		Dilution Factor: 1				
		Analysis Time..: 03:46				
Cobalt	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W2E1AH
		Dilution Factor: 1				
		Analysis Time..: 03:46				
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6W2E1AJ
		Dilution Factor: 1				
		Analysis Time..: 03:46				
MB Lot-Sample #: D7I170000-065 **Prep Batch #...:** 7260065						
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J60501AE
		Dilution Factor: 1				
		Analysis Time..: 01:50				
Arsenic	ND	10	ug/L	SW846 6020	09/19-09/21/07	J60501AF
		Dilution Factor: 1				
		Analysis Time..: 01:50				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J60501AA
		Dilution Factor: 1				
		Analysis Time..: 01:50				
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J60501AC
		Dilution Factor: 1				
		Analysis Time..: 01:50				
Copper	ND	10	ug/L	SW846 6020	09/19-09/21/07	J60501AD
		Dilution Factor: 1				
		Analysis Time..: 01:50				
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J60501AG
		Dilution Factor: 1				
		Analysis Time..: 01:50				
Zinc	**2.1 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J60501AH**
		Dilution Factor: 1				
		Analysis Time..: 01:50				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7I140000-596 **Prep Batch #...:** 7257596					
Barium	92	(90 - 112)	SW846 6010B	09/19-09/25/07	J6W601AV
		Dilution Factor: 1	Analysis Time..: 14:09		
Vanadium	106	(90 - 111)	SW846 6010B	09/19-09/20/07	J6W601AU
		Dilution Factor: 1	Analysis Time..: 08:17		
Beryllium	101	(89 - 113)	SW846 6010B	09/19-09/20/07	J6W601A3
		Dilution Factor: 1	Analysis Time..: 08:17		
Silver	100	(86 - 115)	SW846 6010B	09/19-09/20/07	J6W601A6
		Dilution Factor: 1	Analysis Time..: 08:17		
Cobalt	100	(89 - 111)	SW846 6010B	09/19-09/20/07	J6W601A7
		Dilution Factor: 1	Analysis Time..: 08:17		
Chromium	105	(90 - 113)	SW846 6010B	09/19-09/20/07	J6W601AW
		Dilution Factor: 1	Analysis Time..: 08:17		
Lead	101	(89 - 110)	SW846 6010B	09/19-09/20/07	J6W601A5
		Dilution Factor: 1	Analysis Time..: 08:17		
Nickel	97	(89 - 111)	SW846 6010B	09/19-09/20/07	J6W601AT
		Dilution Factor: 1	Analysis Time..: 08:17		
LCS Lot-Sample#: D7I170000-079 **Prep Batch #...:** 7260079					
Arsenic	98	(89 - 111)	SW846 6020	09/19-09/20/07	J607A1AJ
		Dilution Factor: 1	Analysis Time..: 23:58		
Cadmium	98	(89 - 111)	SW846 6020	09/19-09/20/07	J607A1AK
		Dilution Factor: 1	Analysis Time..: 23:58		
Antimony	101	(71 - 128)	SW846 6020	09/19-09/20/07	J607A1AL
		Dilution Factor: 1	Analysis Time..: 23:58		
Thallium	102	(86 - 124)	SW846 6020	09/19-09/20/07	J607A1AM
		Dilution Factor: 1	Analysis Time..: 23:58		
Copper	106	(90 - 117)	SW846 6020	09/19-09/20/07	J607A1AN
		Dilution Factor: 1	Analysis Time..: 23:58		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	94	(82 - 114)	SW846 6020	09/19-09/20/07	J607A1AP
		Dilution Factor: 1	Analysis Time..: 23:58		
Zinc	113	(88 - 118)	SW846 6020	09/19-09/20/07	J607A1AQ
		Dilution Factor: 1	Analysis Time..: 23:58		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7I140000-596 **Prep Batch #...:** 7257596							
Barium	2000	1840	ug/L	92	SW846 6010B	09/19-09/25/07	J6W601AV
			Dilution Factor: 1		Analysis Time..: 14:09		
Vanadium	500	529	ug/L	106	SW846 6010B	09/19-09/20/07	J6W601AU
			Dilution Factor: 1		Analysis Time..: 08:17		
Beryllium	50.0	50.5	ug/L	101	SW846 6010B	09/19-09/20/07	J6W601A3
			Dilution Factor: 1		Analysis Time..: 08:17		
Silver	50.0	49.8	ug/L	100	SW846 6010B	09/19-09/20/07	J6W601A6
			Dilution Factor: 1		Analysis Time..: 08:17		
Cobalt	500	499	ug/L	100	SW846 6010B	09/19-09/20/07	J6W601A7
			Dilution Factor: 1		Analysis Time..: 08:17		
Chromium	200	210	ug/L	105	SW846 6010B	09/19-09/20/07	J6W601AW
			Dilution Factor: 1		Analysis Time..: 08:17		
Lead	500	507	ug/L	101	SW846 6010B	09/19-09/20/07	J6W601A5
			Dilution Factor: 1		Analysis Time..: 08:17		
Nickel	500	487	ug/L	97	SW846 6010B	09/19-09/20/07	J6W601AT
			Dilution Factor: 1		Analysis Time..: 08:17		
LCS Lot-Sample#: D7I170000-079 **Prep Batch #...:** 7260079							
Arsenic	40.0	39.0	ug/L	98	SW846 6020	09/19-09/20/07	J607A1AJ
			Dilution Factor: 1		Analysis Time..: 23:58		
Cadmium	40.0	39.3	ug/L	98	SW846 6020	09/19-09/20/07	J607A1AK
			Dilution Factor: 1		Analysis Time..: 23:58		
Antimony	40.0	40.4	ug/L	101	SW846 6020	09/19-09/20/07	J607A1AL
			Dilution Factor: 1		Analysis Time..: 23:58		
Thallium	40.0	40.6	ug/L	102	SW846 6020	09/19-09/20/07	J607A1AM
			Dilution Factor: 1		Analysis Time..: 23:58		
Copper	40.0	42.2	ug/L	106	SW846 6020	09/19-09/20/07	J607A1AN
			Dilution Factor: 1		Analysis Time..: 23:58		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	40.0	37.4	ug/L	94	SW846 6020	09/19-09/20/07	J607A1AP
			Dilution Factor: 1		Analysis Time..: 23:58		
Zinc	40.0	45.2	ug/L	113	SW846 6020	09/19-09/20/07	J607A1AQ
			Dilution Factor: 1		Analysis Time..: 23:58		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7I140000-568 **Prep Batch #...:** 7257568					
Barium	114 N	(90 - 112)	SW846 6010B	09/19-09/20/07	J6W2E1AK
		Dilution Factor: 1	Analysis Time..: 03:51		
Chromium	106	(90 - 113)	SW846 6010B	09/19-09/20/07	J6W2E1AL
		Dilution Factor: 1	Analysis Time..: 03:51		
Nickel	99	(89 - 111)	SW846 6010B	09/19-09/20/07	J6W2E1AM
		Dilution Factor: 1	Analysis Time..: 03:51		
Lead	103	(89 - 110)	SW846 6010B	09/19-09/20/07	J6W2E1AN
		Dilution Factor: 1	Analysis Time..: 03:51		
Vanadium	107	(90 - 111)	SW846 6010B	09/19-09/20/07	J6W2E1AP
		Dilution Factor: 1	Analysis Time..: 03:51		
Silver	101	(86 - 115)	SW846 6010B	09/19-09/20/07	J6W2E1AQ
		Dilution Factor: 1	Analysis Time..: 03:51		
Cobalt	101	(89 - 111)	SW846 6010B	09/19-09/20/07	J6W2E1AR
		Dilution Factor: 1	Analysis Time..: 03:51		
Beryllium	102	(89 - 113)	SW846 6010B	09/19-09/20/07	J6W2E1AT
		Dilution Factor: 1	Analysis Time..: 03:51		
LCS Lot-Sample#: D7I170000-065 **Prep Batch #...:** 7260065					
Antimony	104	(71 - 128)	SW846 6020	09/19-09/21/07	J60501AM
		Dilution Factor: 1	Analysis Time..: 01:54		
Arsenic	102	(89 - 111)	SW846 6020	09/19-09/21/07	J60501AN
		Dilution Factor: 1	Analysis Time..: 01:54		
Cadmium	103	(89 - 111)	SW846 6020	09/19-09/21/07	J60501AJ
		Dilution Factor: 1	Analysis Time..: 01:54		
Thallium	104	(86 - 124)	SW846 6020	09/19-09/21/07	J60501AK
		Dilution Factor: 1	Analysis Time..: 01:54		
Copper	106	(90 - 117)	SW846 6020	09/19-09/21/07	J60501AL
		Dilution Factor: 1	Analysis Time..: 01:54		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	100	(82 - 114)	SW846 6020	09/19-09/21/07	J60501AP
		Dilution Factor: 1	Analysis Time..: 01:54		
Zinc	112	(88 - 118)	SW846 6020	09/19-09/21/07	J60501AQ
		Dilution Factor: 1	Analysis Time..: 01:54		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7I140000-568 **Prep Batch #...:** 7257568							
Barium	2000	2270 N	ug/L	114	SW846 6010B	09/19-09/20/07	J6W2E1AK
			Dilution Factor: 1		Analysis Time..: 03:51		
Chromium	200	211	ug/L	106	SW846 6010B	09/19-09/20/07	J6W2E1AL
			Dilution Factor: 1		Analysis Time..: 03:51		
Nickel	500	494	ug/L	99	SW846 6010B	09/19-09/20/07	J6W2E1AM
			Dilution Factor: 1		Analysis Time..: 03:51		
Lead	500	513	ug/L	103	SW846 6010B	09/19-09/20/07	J6W2E1AN
			Dilution Factor: 1		Analysis Time..: 03:51		
Vanadium	500	535	ug/L	107	SW846 6010B	09/19-09/20/07	J6W2E1AP
			Dilution Factor: 1		Analysis Time..: 03:51		
Silver	50.0	50.4	ug/L	101	SW846 6010B	09/19-09/20/07	J6W2E1AQ
			Dilution Factor: 1		Analysis Time..: 03:51		
Cobalt	500	504	ug/L	101	SW846 6010B	09/19-09/20/07	J6W2E1AR
			Dilution Factor: 1		Analysis Time..: 03:51		
Beryllium	50.0	51.0	ug/L	102	SW846 6010B	09/19-09/20/07	J6W2E1AT
			Dilution Factor: 1		Analysis Time..: 03:51		
LCS Lot-Sample#: D7I170000-065 **Prep Batch #...:** 7260065							
Antimony	40.0	41.6	ug/L	104	SW846 6020	09/19-09/21/07	J60501AM
			Dilution Factor: 1		Analysis Time..: 01:54		
Arsenic	40.0	40.8	ug/L	102	SW846 6020	09/19-09/21/07	J60501AN
			Dilution Factor: 1		Analysis Time..: 01:54		
Cadmium	40.0	41.3	ug/L	103	SW846 6020	09/19-09/21/07	J60501AJ
			Dilution Factor: 1		Analysis Time..: 01:54		
Thallium	40.0	41.8	ug/L	104	SW846 6020	09/19-09/21/07	J60501AK
			Dilution Factor: 1		Analysis Time..: 01:54		
Copper	40.0	42.3	ug/L	106	SW846 6020	09/19-09/21/07	J60501AL
			Dilution Factor: 1		Analysis Time..: 01:54		

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	40.0	40.0	ug/L	100	SW846 6020	09/19-09/21/07	J60501AP
			Dilution Factor: 1		Analysis Time..: 01:54		
Zinc	40.0	44.7	ug/L	112	SW846 6020	09/19-09/21/07	J60501AQ
			Dilution Factor: 1		Analysis Time..: 01:54		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER
Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I130170-001 **Prep Batch #...:** 7257596							
Barium	112	(85 - 120)			SW846 6010B	09/19-09/20/07	J6P4Q1CP
	112	(85 - 120)	0.08	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CQ
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Vanadium	104	(85 - 120)			SW846 6010B	09/19-09/20/07	J6P4Q1CM
	105	(85 - 120)	0.98	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CN
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Beryllium	99	(79 - 121)			SW846 6010B	09/19-09/20/07	J6P4Q1C4
	101	(79 - 121)	2.3	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1C5
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Silver	98	(75 - 141)			SW846 6010B	09/19-09/20/07	J6P4Q1DA
	100	(75 - 141)	2.1	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1DC
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Cobalt	98	(82 - 119)			SW846 6010B	09/19-09/20/07	J6P4Q1DD
	98	(82 - 119)	0.57	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1DE
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Chromium	104	(73 - 135)			SW846 6010B	09/19-09/20/07	J6P4Q1CR
	104	(73 - 135)	0.31	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CT
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Lead	99	(89 - 121)			SW846 6010B	09/19-09/20/07	J6P4Q1C8
	100	(89 - 121)	0.35	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1C9
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Nickel	95	(84 - 120)			SW846 6010B	09/19-09/20/07	J6P4Q1CK
	95	(84 - 120)	0.04	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CL
		Dilution Factor: 1					
		Analysis Time..: 08:32					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER
Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I130170-001 **Prep Batch #...:** 7257596									
Barium									
	26	2000	2270	ug/L	112		SW846 6010B	09/19-09/20/07	J6P4Q1CP
	26	2000	2270	ug/L	112	0.08	SW846 6010B	09/19-09/20/07	J6P4Q1CQ
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Vanadium									
	3.3	500	525	ug/L	104		SW846 6010B	09/19-09/20/07	J6P4Q1CM
	3.3	500	531	ug/L	105	0.98	SW846 6010B	09/19-09/20/07	J6P4Q1CN
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Beryllium									
	ND	50.0	49.4	ug/L	99		SW846 6010B	09/19-09/20/07	J6P4Q1C4
	ND	50.0	50.5	ug/L	101	2.3	SW846 6010B	09/19-09/20/07	J6P4Q1C5
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Silver									
	ND	50.0	48.8	ug/L	98		SW846 6010B	09/19-09/20/07	J6P4Q1DA
	ND	50.0	49.9	ug/L	100	2.1	SW846 6010B	09/19-09/20/07	J6P4Q1DC
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Cobalt									
	6.0	500	495	ug/L	98		SW846 6010B	09/19-09/20/07	J6P4Q1DD
	6.0	500	498	ug/L	98	0.57	SW846 6010B	09/19-09/20/07	J6P4Q1DE
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Chromium									
	ND	200	211	ug/L	104		SW846 6010B	09/19-09/20/07	J6P4Q1CR
	ND	200	211	ug/L	104	0.31	SW846 6010B	09/19-09/20/07	J6P4Q1CT
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Lead									
	ND	500	497	ug/L	99		SW846 6010B	09/19-09/20/07	J6P4Q1C8
	ND	500	499	ug/L	100	0.35	SW846 6010B	09/19-09/20/07	J6P4Q1C9
			Dilution Factor: 1						
			Analysis Time..: 08:32						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER
Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	ND	500	479	ug/L	95		SW846 6010B	09/19-09/20/07	J6P4Q1C1
	ND	500	479	ug/L	95	0.04	SW846 6010B	09/19-09/20/07	J6P4Q1CL

Dilution Factor: 1
Analysis Time..: 08:32

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I130248-002 **Prep Batch #...:** 7257596							
Barium	117	(85 - 120)			SW846 6010B	09/19-09/20/07	J6QW81CD
	114	(85 - 120)	1.9	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CE
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Vanadium	108	(85 - 120)			SW846 6010B	09/19-09/20/07	J6QW81CF
	106	(85 - 120)	2.0	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CG
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Beryllium	103	(79 - 121)			SW846 6010B	09/19-09/20/07	J6QW81CH
	102	(79 - 121)	0.75	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CJ
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Silver	102	(75 - 141)			SW846 6010B	09/19-09/20/07	J6QW81CK
	100	(75 - 141)	1.9	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CL
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Cobalt	103	(82 - 119)			SW846 6010B	09/19-09/20/07	J6QW81CM
	101	(82 - 119)	1.2	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CN
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Chromium	108	(73 - 135)			SW846 6010B	09/19-09/20/07	J6QW81CP
	106	(73 - 135)	1.3	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CQ
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Lead	103	(89 - 121)			SW846 6010B	09/19-09/20/07	J6QW81CR
	102	(89 - 121)	0.95	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CT
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Nickel	99	(84 - 120)			SW846 6010B	09/19-09/20/07	J6QW81CU
	98	(84 - 120)	0.91	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CV
		Dilution Factor: 1					
		Analysis Time..: 08:51					

MS Lot-Sample #: D7I130248-002 **Prep Batch #...:** 7260079

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Arsenic	96	(89 - 111)			SW846 6020	09/19-09/21/07	J6QW81DD
	99	(89 - 111)	3.2	(0-20)	SW846 6020	09/19-09/21/07	J6QW81DE
		Dilution Factor: 1					
		Analysis Time..: 00:28					
Cadmium	101	(89 - 111)			SW846 6020	09/19-09/21/07	J6QW81DF
	102	(89 - 111)	1.2	(0-20)	SW846 6020	09/19-09/21/07	J6QW81DG
		Dilution Factor: 1					
		Analysis Time..: 00:28					
Antimony	101	(71 - 128)			SW846 6020	09/19-09/21/07	J6QW81DH
	102	(71 - 128)	0.82	(0-20)	SW846 6020	09/19-09/21/07	J6QW81DJ
		Dilution Factor: 1					
		Analysis Time..: 00:28					
Thallium	103	(86 - 124)			SW846 6020	09/19-09/21/07	J6QW81DK
	105	(86 - 124)	1.6	(0-20)	SW846 6020	09/19-09/21/07	J6QW81DL
		Dilution Factor: 1					
		Analysis Time..: 00:28					
Copper	103	(90 - 117)			SW846 6020	09/19-09/21/07	J6QW81DM
	108	(90 - 117)	4.7	(0-20)	SW846 6020	09/19-09/21/07	J6QW81DN
		Dilution Factor: 1					
		Analysis Time..: 00:28					
Selenium	91	(82 - 114)			SW846 6020	09/19-09/21/07	J6QW81DP
	93	(82 - 114)	2.0	(0-20)	SW846 6020	09/19-09/21/07	J6QW81DQ
		Dilution Factor: 1					
		Analysis Time..: 00:28					
Zinc	98	(88 - 118)			SW846 6020	09/19-09/21/07	J6QW81DR
	107	(88 - 118)	7.5	(0-20)	SW846 6020	09/19-09/21/07	J6QW81DT
		Dilution Factor: 1					
		Analysis Time..: 00:28					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

MS Lot-Sample #: D7I130248-002 **Prep Batch #...:** 7257596

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Barium									
	49	2000	2380	ug/L	117		SW846 6010B	09/19-09/20/07	J6QW81CD
	49	2000	2340	ug/L	114	1.9	SW846 6010B	09/19-09/20/07	J6QW81CE
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Vanadium									
	ND	500	543	ug/L	108		SW846 6010B	09/19-09/20/07	J6QW81CF
	ND	500	532	ug/L	106	2.0	SW846 6010B	09/19-09/20/07	J6QW81CG
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Beryllium									
	ND	50.0	51.8	ug/L	103		SW846 6010B	09/19-09/20/07	J6QW81CH
	ND	50.0	51.4	ug/L	102	0.75	SW846 6010B	09/19-09/20/07	J6QW81CJ
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Silver									
	ND	50.0	50.9	ug/L	102		SW846 6010B	09/19-09/20/07	J6QW81CK
	ND	50.0	50.0	ug/L	100	1.9	SW846 6010B	09/19-09/20/07	J6QW81CL
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Cobalt									
	ND	500	514	ug/L	103		SW846 6010B	09/19-09/20/07	J6QW81CM
	ND	500	508	ug/L	101	1.2	SW846 6010B	09/19-09/20/07	J6QW81CN
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Chromium									
	ND	200	216	ug/L	108		SW846 6010B	09/19-09/20/07	J6QW81CP
	ND	200	213	ug/L	106	1.3	SW846 6010B	09/19-09/20/07	J6QW81CQ
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Lead									
	ND	500	517	ug/L	103		SW846 6010B	09/19-09/20/07	J6QW81CR
	ND	500	512	ug/L	102	0.95	SW846 6010B	09/19-09/20/07	J6QW81CT
			Dilution Factor: 1						
			Analysis Time..: 08:51						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	ND	500	495	ug/L	99		SW846 6010B	09/19-09/20/07	J6QW81C
	ND	500	491	ug/L	98	0.91	SW846 6010B	09/19-09/20/07	J6QW81C

Dilution Factor: 1
Analysis Time..: 08:51

MS Lot-Sample #: D7I130248-002 **Prep Batch #...:** 7260079

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Arsenic									
	ND	40.0	38.5	ug/L	96		SW846 6020	09/19-09/21/07	J6QW81D
	ND	40.0	39.8	ug/L	99	3.2	SW846 6020	09/19-09/21/07	J6QW81DE

Dilution Factor: 1
Analysis Time..: 00:28

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium									
	ND	40.0	40.3	ug/L	101		SW846 6020	09/19-09/21/07	J6QW81D
	ND	40.0	40.8	ug/L	102	1.2	SW846 6020	09/19-09/21/07	J6QW81DG

Dilution Factor: 1
Analysis Time..: 00:28

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	40.0	40.4	ug/L	101		SW846 6020	09/19-09/21/07	J6QW81D
	ND	40.0	40.8	ug/L	102	0.82	SW846 6020	09/19-09/21/07	J6QW81D

Dilution Factor: 1
Analysis Time..: 00:28

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium									
	ND	40.0	41.3	ug/L	103		SW846 6020	09/19-09/21/07	J6QW81DK
	ND	40.0	42.0	ug/L	105	1.6	SW846 6020	09/19-09/21/07	J6QW81D

Dilution Factor: 1
Analysis Time..: 00:28

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper									
	ND	40.0	41.3	ug/L	103		SW846 6020	09/19-09/21/07	J6QW81DM
	ND	40.0	43.3	ug/L	108	4.7	SW846 6020	09/19-09/21/07	J6QW81D

Dilution Factor: 1
Analysis Time..: 00:28

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	ND	40.0	36.4	ug/L	91		SW846 6020	09/19-09/21/07	J6QW81D
	ND	40.0	37.1	ug/L	93	2.0	SW846 6020	09/19-09/21/07	J6QW81DQ

Dilution Factor: 1
Analysis Time..: 00:28

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	8.9	40.0	48.1	ug/L	98		SW846 6020	09/19-09/21/07	J6QW81DR
	8.9	40.0	51.8	ug/L	107	7.5	SW846 6020	09/19-09/21/07	J6QW81DT

Dilution Factor: 1
Analysis Time..: 00:28

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER
Date Sampled...: 09/12/07 15:37 **Date Received..:** 09/13/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I130248-001 **Prep Batch #...:** 7257568							
Barium	116	(85 - 120)			SW846 6010B	09/19-09/20/07	J6QV21CD
	115	(85 - 120)	0.79	(0-25)	SW846 6010B	09/19-09/20/07	J6QV21CE
		Dilution Factor: 1					
		Analysis Time..: 04:06					
Chromium	107	(73 - 135)			SW846 6010B	09/19-09/20/07	J6QV21CF
	107	(73 - 135)	0.20	(0-25)	SW846 6010B	09/19-09/20/07	J6QV21CG
		Dilution Factor: 1					
		Analysis Time..: 04:06					
Nickel	100	(84 - 120)			SW846 6010B	09/19-09/20/07	J6QV21CH
	99	(84 - 120)	0.76	(0-25)	SW846 6010B	09/19-09/20/07	J6QV21CJ
		Dilution Factor: 1					
		Analysis Time..: 04:06					
Lead	103	(89 - 121)			SW846 6010B	09/19-09/20/07	J6QV21CK
	103	(89 - 121)	0.39	(0-25)	SW846 6010B	09/19-09/20/07	J6QV21CL
		Dilution Factor: 1					
		Analysis Time..: 04:06					
Vanadium	108	(85 - 120)			SW846 6010B	09/19-09/20/07	J6QV21CM
	108	(85 - 120)	0.66	(0-25)	SW846 6010B	09/19-09/20/07	J6QV21CN
		Dilution Factor: 1					
		Analysis Time..: 04:06					
Silver	103	(75 - 141)			SW846 6010B	09/19-09/20/07	J6QV21CP
	101	(75 - 141)	1.3	(0-25)	SW846 6010B	09/19-09/20/07	J6QV21CQ
		Dilution Factor: 1					
		Analysis Time..: 04:06					
Cobalt	102	(82 - 119)			SW846 6010B	09/19-09/20/07	J6QV21CR
	101	(82 - 119)	0.21	(0-25)	SW846 6010B	09/19-09/20/07	J6QV21CT
		Dilution Factor: 1					
		Analysis Time..: 04:06					
Beryllium	103	(79 - 121)			SW846 6010B	09/19-09/20/07	J6QV21CU
	103	(79 - 121)	0.43	(0-25)	SW846 6010B	09/19-09/20/07	J6QV21CV
		Dilution Factor: 1					
		Analysis Time..: 04:06					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER
Date Sampled...: 09/12/07 15:37 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I130248-001 **Prep Batch #...:** 7257568									
Barium									
	76	2000	2400	ug/L	116		SW846 6010B	09/19-09/20/07	J6QV21CD
	76	2000	2380	ug/L	115	0.79	SW846 6010B	09/19-09/20/07	J6QV21CE
			Dilution Factor: 1						
			Analysis Time..: 04:06						
Chromium									
	14	200	228	ug/L	107		SW846 6010B	09/19-09/20/07	J6QV21CF
	14	200	227	ug/L	107	0.20	SW846 6010B	09/19-09/20/07	J6QV21CG
			Dilution Factor: 1						
			Analysis Time..: 04:06						
Nickel									
	ND	500	503	ug/L	100		SW846 6010B	09/19-09/20/07	J6QV21CH
	ND	500	499	ug/L	99	0.76	SW846 6010B	09/19-09/20/07	J6QV21CJ
			Dilution Factor: 1						
			Analysis Time..: 04:06						
Lead									
	6.5	500	522	ug/L	103		SW846 6010B	09/19-09/20/07	J6QV21CK
	6.5	500	520	ug/L	103	0.39	SW846 6010B	09/19-09/20/07	J6QV21CL
			Dilution Factor: 1						
			Analysis Time..: 04:06						
Vanadium									
	16	500	559	ug/L	108		SW846 6010B	09/19-09/20/07	J6QV21CM
	16	500	555	ug/L	108	0.66	SW846 6010B	09/19-09/20/07	J6QV21CN
			Dilution Factor: 1						
			Analysis Time..: 04:06						
Silver									
	ND	50.0	51.3	ug/L	103		SW846 6010B	09/19-09/20/07	J6QV21CP
	ND	50.0	50.7	ug/L	101	1.3	SW846 6010B	09/19-09/20/07	J6QV21CQ
			Dilution Factor: 1						
			Analysis Time..: 04:06						
Cobalt									
	1.9	500	510	ug/L	102		SW846 6010B	09/19-09/20/07	J6QV21CR
	1.9	500	509	ug/L	101	0.21	SW846 6010B	09/19-09/20/07	J6QV21CT
			Dilution Factor: 1						
			Analysis Time..: 04:06						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER
Date Sampled...: 09/12/07 15:37 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium									
	0.85	50.0	52.5	ug/L	103		SW846 6010B	09/19-09/20/07	J6QV21C
	0.85	50.0	52.3	ug/L	103	0.43	SW846 6010B	09/19-09/20/07	J6QV21C

Dilution Factor: 1
Analysis Time..: 04:06

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I130248-002 **Prep Batch #...:** 7260065							
Antimony	105	(80 - 117)			SW846 6020	09/19-09/21/07	J6QW81C4
	103	(80 - 117)	1.9	(0-30)	SW846 6020	09/19-09/21/07	J6QW81C5
		Dilution Factor: 1					
		Analysis Time..: 02:13					
Arsenic	103	(79 - 120)			SW846 6020	09/19-09/21/07	J6QW81C6
	103	(79 - 120)	0.15	(0-30)	SW846 6020	09/19-09/21/07	J6QW81C7
		Dilution Factor: 1					
		Analysis Time..: 02:13					
Cadmium	105	(82 - 115)			SW846 6020	09/19-09/21/07	J6QW81CW
	104	(82 - 115)	0.38	(0-30)	SW846 6020	09/19-09/21/07	J6QW81CX
		Dilution Factor: 1					
		Analysis Time..: 02:13					
Thallium	107	(77 - 124)			SW846 6020	09/19-09/21/07	J6QW81C0
	106	(77 - 124)	0.34	(0-30)	SW846 6020	09/19-09/21/07	J6QW81C1
		Dilution Factor: 1					
		Analysis Time..: 02:13					
Copper	105	(82 - 114)			SW846 6020	09/19-09/21/07	J6QW81C2
	106	(82 - 114)	0.86	(0-30)	SW846 6020	09/19-09/21/07	J6QW81C3
		Dilution Factor: 1					
		Analysis Time..: 02:13					
Selenium	99	(64 - 134)			SW846 6020	09/19-09/21/07	J6QW81C8
	103	(64 - 134)	4.4	(0-35)	SW846 6020	09/19-09/21/07	J6QW81C9
		Dilution Factor: 1					
		Analysis Time..: 02:13					
Zinc	105	(72 - 120)			SW846 6020	09/19-09/21/07	J6QW81DA
	107	(72 - 120)	2.1	(0-30)	SW846 6020	09/19-09/21/07	J6QW81DC
		Dilution Factor: 1					
		Analysis Time..: 02:13					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: D7I130248 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I130248-002 **Prep Batch #...:** 7260065									
Antimony									
	ND	40.0	42.1	ug/L	105		SW846 6020	09/19-09/21/07	J6QW81C4
	ND	40.0	41.3	ug/L	103	1.9	SW846 6020	09/19-09/21/07	J6QW81C5
			Dilution Factor: 1						
			Analysis Time..: 02:13						
Arsenic									
	ND	40.0	41.4	ug/L	103		SW846 6020	09/19-09/21/07	J6QW81C6
	ND	40.0	41.3	ug/L	103	0.15	SW846 6020	09/19-09/21/07	J6QW81C7
			Dilution Factor: 1						
			Analysis Time..: 02:13						
Cadmium									
	ND	40.0	41.8	ug/L	105		SW846 6020	09/19-09/21/07	J6QW81CW
	ND	40.0	41.7	ug/L	104	0.38	SW846 6020	09/19-09/21/07	J6QW81CX
			Dilution Factor: 1						
			Analysis Time..: 02:13						
Thallium									
	ND	40.0	42.6	ug/L	107		SW846 6020	09/19-09/21/07	J6QW81C0
	ND	40.0	42.5	ug/L	106	0.34	SW846 6020	09/19-09/21/07	J6QW81C1
			Dilution Factor: 1						
			Analysis Time..: 02:13						
Copper									
	ND	40.0	42.2	ug/L	105		SW846 6020	09/19-09/21/07	J6QW81C2
	ND	40.0	42.5	ug/L	106	0.86	SW846 6020	09/19-09/21/07	J6QW81C3
			Dilution Factor: 1						
			Analysis Time..: 02:13						
Selenium									
	ND	40.0	39.5	ug/L	99		SW846 6020	09/19-09/21/07	J6QW81C8
	ND	40.0	41.3	ug/L	103	4.4	SW846 6020	09/19-09/21/07	J6QW81C9
			Dilution Factor: 1						
			Analysis Time..: 02:13						
Zinc									
	9.6	40.0	51.5	ug/L	105		SW846 6020	09/19-09/21/07	J6QW81DA
	9.6	40.0	52.6	ug/L	107	2.1	SW846 6020	09/19-09/21/07	J6QW81DC
			Dilution Factor: 1						
			Analysis Time..: 02:13						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

3.3°C

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: VM	Project Manager: MARK SNYDER	Date: 9-12-07	Chain of Custody Number: 354746
Address:	Telephone Number (Area Code)/Fax Number:	Lab Number:	Page 1 of 1
City: / State: / Zip Code:	Site Contact:	Lab Contact: BETSY SARA	
Project Name and Location (State): PIEDMONT	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 134 26744-A			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil		Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		Analysis: VOA	METALS (TOTAL)		METALS (DISSOLVED)							Special Instructions/ Conditions of Receipt
MW04D	9-12	1537		X						2	3				3	1		1							
MW04	9-12	1611		X						2	3				3	1		1							
MW12D	9-12	1502		X						1	3				3	1									
TRIP	9-12	—		X							X				X										

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	9-12-07	2130	1. Received By	9-13-07	0850
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Project No. Site 134

Piedmont Landfill

Lot #: D7I140205

Groundwater

Mark Snyder

Waste Management Inc.
Southern Area
2859 Paces Ferry Road Suite 1600
Atlanta, GA 30339

Cc: Van Burbach

TestAmerica Denver
North Carolina Certification # 358

Betsy Sara
Project Manager

September 27, 2007

Table Of Contents

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Standard Deliverables *The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	34

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- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **Chain-of-Custody**

Case Narrative

Enclosed is the report for twelve samples received at TestAmerica Denver on September 14, 2007. The results included in this report have been reviewed for compliance with TestAmerica's Laboratory Quality Manual. The results relate only to the samples in this report and meet all requirements of NELAC and any exceptions are noted below. TestAmerica Denver is NELAP approved for all parameters reported. TestAmerica's North Carolina certification number is 358.

This report may include reporting limits (RLs) less than TestAmerica Denver's standard reporting limit. The reported sample results and associated reporting limits are being used specifically to meet the needs of this project. Note that data are not normally reported to these levels without qualification because they are inherently less reliable and potentially less defensible than required by the latest industry standards.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Quality Control Summary for Lots D7I140205

Sample Receiving

The cooler temperatures upon receipt at the Denver laboratory were 3.0°C and 3.1°C.

All sample bottles were received in acceptable condition.

Holding Times

All holding times were within established control limits.

Method Blanks

Total Alkalinity Method 310.1 was detected in the Method Blank below the project established reporting limit. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits. The Method Blank data are included at the end of this report.

All other Method Blanks were within established control limits.

Laboratory Control Samples (LCS)

All Laboratory Control Samples were within established control limits.

Lot #: D7I140205

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

All MS/MSD samples were within established control limits.

Sample Duplicate

The RPD for Total Alkalinity Method 310.1 performed on the sample MW06 was outside control limits. Because all other QC and calibration criteria were met no corrective action was needed.

EXECUTIVE SUMMARY - Detection Highlights

D7I140205

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW06 09/13/07 12:18 001				
Total Dissolved Solids	38	10	mg/L	MCAWW 160.1
Turbidity	1.5	0.10	NTU	MCAWW 180.1
Chloride	3.0	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	13 J	5.0	mg/L	MCAWW 310.1
MW01 09/13/07 11:56 002				
Total Dissolved Solids	59	10	mg/L	MCAWW 160.1
Turbidity	1.5	0.10	NTU	MCAWW 180.1
Chloride	3.7	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	28 J	5.0	mg/L	MCAWW 310.1
Ammonia as N	0.032 B	0.040	mg/L	MCAWW 350.1
MW11 09/13/07 09:19 003				
Total Dissolved Solids	99	10	mg/L	MCAWW 160.1
Turbidity	4.7	0.10	NTU	MCAWW 180.1
Chloride	3.6	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	79 J	5.0	mg/L	MCAWW 310.1
MW11D 09/13/07 09:49 004				
Total Dissolved Solids	83	10	mg/L	MCAWW 160.1
Turbidity	4.0	0.10	NTU	MCAWW 180.1
Chloride	1.9	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	36 J	5.0	mg/L	MCAWW 310.1
MW10 09/13/07 08:52 005				
Total Dissolved Solids	100	10	mg/L	MCAWW 160.1
Turbidity	1.7	0.10	NTU	MCAWW 180.1
Chloride	4.0	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	64 J	5.0	mg/L	MCAWW 310.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7I140205

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW03 09/13/07 08:19 006				
Total Dissolved Solids	120	10	mg/L	MCAWW 160.1
Turbidity	1.5	0.10	NTU	MCAWW 180.1
Chloride	6.8	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	55 J	5.0	mg/L	MCAWW 310.1
MW07 09/13/07 07:51 007				
Total Dissolved Solids	130	10	mg/L	MCAWW 160.1
Turbidity	5.0	0.10	NTU	MCAWW 180.1
Chloride	7.4	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	42 J	5.0	mg/L	MCAWW 310.1
MW02 09/13/07 07:23 008				
Total Dissolved Solids	100	10	mg/L	MCAWW 160.1
Turbidity	0.53	0.10	NTU	MCAWW 180.1
Chloride	5.5	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	59 J	5.0	mg/L	MCAWW 310.1
MW12 09/13/07 12:34 009				
Total Dissolved Solids	110	10	mg/L	MCAWW 160.1
Turbidity	92 Q	0.50	NTU	MCAWW 180.1
Chloride	5.0	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	47 J	5.0	mg/L	MCAWW 310.1
MW05 09/13/07 13:09 010				
Total Dissolved Solids	200	10	mg/L	MCAWW 160.1
Turbidity	11	0.10	NTU	MCAWW 180.1
Chloride	7.8	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	140 J	5.0	mg/L	MCAWW 310.1
Ammonia as N	0.036 B	0.040	mg/L	MCAWW 350.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7I140205

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW08 09/13/07 13:25 011				
Total Dissolved Solids	88	10	mg/L	MCAWW 160.1
Turbidity	17	0.10	NTU	MCAWW 180.1
Chloride	8.9	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	30 J	5.0	mg/L	MCAWW 310.1
Ammonia as N	0.052	0.040	mg/L	MCAWW 350.1
FB 09/13/07 13:45 012				
Turbidity	0.18	0.10	NTU	MCAWW 180.1

PREPARATION METHODS SUMMARY

D7I140205

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Ammonia preparation	MCAWW 350.1	MCAWW 350.1
Chloride	MCAWW 300.0A	MCAWW 300.0A
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Potentiometric titration to preselected pH	MCAWW 310.1	MCAWW 310.1
Turbidity	MCAWW 180.1	MCAWW 180.1

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

ANALYTICAL METHODS SUMMARY

D7I140205

PARAMETER	ANALYTICAL METHOD
Alkalinity	MCAWW 310.1
Chloride	MCAWW 300.0A
Filterable Residue (TDS)	MCAWW 160.1
Nitrogen, Ammonia	MCAWW 350.1
Turbidity (Nephelometric)	MCAWW 180.1

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

METHOD / ANALYST SUMMARY

D7I140205

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 160.1	ReAnna Davis	002266
MCAWW 180.1	Danielle M. Fougere	006481
MCAWW 300.0A	Grant Henshaw	004878
MCAWW 310.1	Elizabeth Pryor	009450
MCAWW 350.1	Kevin Bloom	006134

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SAMPLE SUMMARY

D7I140205

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J6VGN	001	MW06	09/13/07	12:16
J6VHD	002	MW01	09/13/07	11:56
J6VHF	003	MW11	09/13/07	09:1[illegible]
J6VHX	004	MW11D	09/13/07	09:4[illegible]
J6VH3	005	MW10	09/13/07	08:52
J6VH4	006	MW03	09/13/07	08:1[illegible]
J6VH5	007	MW07	09/13/07	07:5[illegible]
J6VH7	008	MW02	09/13/07	07:23
J6VH8	009	MW12	09/13/07	12:34
J6VH9	010	MW05	09/13/07	13:0[illegible]
J6VJA	011	MW08	09/13/07	13:2[illegible]
J6VJC	012	FB	09/13/07	13:45

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Waste Management, Inc.

Client Sample ID: MW06

General Chemistry

Lot-Sample #...: D7I140205-001 Work Order #...: J6VGN Matrix.....: WATER
Date Sampled...: 09/13/07 12:18 Date Received..: 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	09/20/07	7264255
		Dilution Factor: 1		Analysis Time..: 09:53	MDL.....: 0.022	
Chloride	3.0	0.30	mg/L	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 1		Analysis Time..: 18:04	MDL.....: 0.25	
Total Alkalinity	13 J	5.0	mg/L	MCAWW 310.1	09/21/07	7265061
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 1.1	
Total Dissolved Solids	38	10	mg/L	MCAWW 160.1	09/20/07	7263676
		Dilution Factor: 1		Analysis Time..: 16:00	MDL.....: 4.7	
Turbidity	1.5	0.10	NTU	MCAWW 180.1	09/14/07	7257552
		Dilution Factor: 1		Analysis Time..: 09:45	MDL.....: 0.020	

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: MW01

General Chemistry

Lot-Sample #...: D7I140205-002 Work Order #...: J6VHD Matrix.....: WATER
Date Sampled...: 09/13/07 11:56 Date Received..: 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	0.032 B	0.040	mg/L	MCAWW 350.1	09/20/07	7264255
		Dilution Factor: 1		Analysis Time..: 09:53	MDL.....: 0.022	
Chloride	3.7	0.30	mg/L	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 0.25	
Total Alkalinity	28 J	5.0	mg/L	MCAWW 310.1	09/21/07	7265061
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 1.1	
Total Dissolved Solids	59	10	mg/L	MCAWW 160.1	09/20/07	7263676
		Dilution Factor: 1		Analysis Time..: 16:00	MDL.....: 4.7	
Turbidity	1.5	0.10	NTU	MCAWW 180.1	09/14/07	7257552
		Dilution Factor: 1		Analysis Time..: 09:45	MDL.....: 0.020	

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: MW11

General Chemistry

Lot-Sample #...: D7I140205-003 Work Order #...: J6VHF Matrix.....: WATER
Date Sampled...: 09/13/07 09:19 Date Received..: 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	09/20/07	7264255
		Dilution Factor: 1		Analysis Time..: 09:53	MDL.....: 0.022	
Chloride	3.6	0.30	mg/L	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 1		Analysis Time..: 19:13	MDL.....: 0.25	
Total Alkalinity	79 J	5.0	mg/L	MCAWW 310.1	09/21/07	7265061
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 1.1	
Total Dissolved Solids	99	10	mg/L	MCAWW 160.1	09/20/07	7263676
		Dilution Factor: 1		Analysis Time..: 16:00	MDL.....: 4.7	
Turbidity	4.7	0.10	NTU	MCAWW 180.1	09/14/07	7257552
		Dilution Factor: 1		Analysis Time..: 09:45	MDL.....: 0.020	

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: MW11D

General Chemistry

Lot-Sample #...: D7I140205-004 Work Order #...: J6VHX Matrix.....: WATER
Date Sampled...: 09/13/07 09:49 Date Received..: 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	09/20/07	7264255
		Dilution Factor: 1		Analysis Time..: 09:53	MDL.....: 0.022	
Chloride	1.9	0.30	mg/L	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 1		Analysis Time..: 19:30	MDL.....: 0.25	
Total Alkalinity	36 J	5.0	mg/L	MCAWW 310.1	09/21/07	7265061
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 1.1	
Total Dissolved Solids	83	10	mg/L	MCAWW 160.1	09/20/07	7263678
		Dilution Factor: 1		Analysis Time..: 18:15	MDL.....: 4.7	
Turbidity	4.0	0.10	NTU	MCAWW 180.1	09/14/07	7257552
		Dilution Factor: 1		Analysis Time..: 09:45	MDL.....: 0.020	

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: MW10

General Chemistry

Lot-Sample #...: D7I140205-005 Work Order #...: J6VH3 Matrix.....: WATER
Date Sampled...: 09/13/07 08:52 Date Received..: 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	09/20/07	7264255
		Dilution Factor: 1		Analysis Time..: 09:53	MDL.....: 0.022	
Chloride	4.0	0.30	mg/L	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 1		Analysis Time..: 19:48	MDL.....: 0.25	
Total Alkalinity	64 J	5.0	mg/L	MCAWW 310.1	09/21/07	7265061
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 1.1	
Total Dissolved Solids	100	10	mg/L	MCAWW 160.1	09/20/07	7263678
		Dilution Factor: 1		Analysis Time..: 18:15	MDL.....: 4.7	
Turbidity	1.7	0.10	NTU	MCAWW 180.1	09/14/07	7257552
		Dilution Factor: 1		Analysis Time..: 09:45	MDL.....: 0.020	

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: MW03

General Chemistry

Lot-Sample #...: D7I140205-006 Work Order #...: J6VH4 Matrix.....: WATER
Date Sampled...: 09/13/07 08:19 Date Received..: 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	09/20/07	7264255
		Dilution Factor: 1		Analysis Time..: 09:53	MDL.....: 0.022	
Chloride	6.8	0.30	mg/L	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 0.25	
Total Alkalinity	55 J	5.0	mg/L	MCAWW 310.1	09/21/07	7265061
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 1.1	
Total Dissolved Solids	120	10	mg/L	MCAWW 160.1	09/20/07	7263678
		Dilution Factor: 1		Analysis Time..: 18:15	MDL.....: 4.7	
Turbidity	1.5	0.10	NTU	MCAWW 180.1	09/14/07	7257552
		Dilution Factor: 1		Analysis Time..: 09:45	MDL.....: 0.020	

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: MW07

General Chemistry

Lot-Sample #...: D7I140205-007 Work Order #...: J6VH5 Matrix.....: WATER
Date Sampled...: 09/13/07 07:51 Date Received..: 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	09/20/07	7264255
		Dilution Factor: 1		Analysis Time..: 09:53	MDL.....: 0.022	
Chloride	7.4	0.30	mg/L	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 1		Analysis Time..: 20:22	MDL.....: 0.25	
Total Alkalinity	42 J	5.0	mg/L	MCAWW 310.1	09/21/07	7265061
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 1.1	
Total Dissolved Solids	130	10	mg/L	MCAWW 160.1	09/20/07	7263678
		Dilution Factor: 1		Analysis Time..: 18:15	MDL.....: 4.7	
Turbidity	5.0	0.10	NTU	MCAWW 180.1	09/14/07	7257552
		Dilution Factor: 1		Analysis Time..: 09:45	MDL.....: 0.020	

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: MW02

General Chemistry

Lot-Sample #...: D7I140205-008 Work Order #...: J6VH7 Matrix.....: WATER
Date Sampled...: 09/13/07 07:23 Date Received..: 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	09/20/07	7264255
		Dilution Factor: 1		Analysis Time..: 09:53	MDL.....: 0.022	
Chloride	5.5	0.30	mg/L	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 1		Analysis Time..: 20:39	MDL.....: 0.25	
Total Alkalinity	59 J	5.0	mg/L	MCAWW 310.1	09/21/07	7265061
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 1.1	
Total Dissolved Solids	100	10	mg/L	MCAWW 160.1	09/20/07	7263678
		Dilution Factor: 1		Analysis Time..: 18:15	MDL.....: 4.7	
Turbidity	0.53	0.10	NTU	MCAWW 180.1	09/14/07	7257552
		Dilution Factor: 1		Analysis Time..: 09:45	MDL.....: 0.020	

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: MW12

General Chemistry

Lot-Sample #...: D7I140205-009 Work Order #...: J6VH8 Matrix.....: WATER
Date Sampled...: 09/13/07 12:34 Date Received..: 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	09/20/07	7264255
		Dilution Factor: 1		Analysis Time..: 09:53	MDL.....: 0.022	
Chloride	5.0	0.30	mg/L	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 1		Analysis Time..: 20:57	MDL.....: 0.25	
Total Alkalinity	47 J	5.0	mg/L	MCAWW 310.1	09/21/07	7265061
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 1.1	
Total Dissolved Solids	110	10	mg/L	MCAWW 160.1	09/20/07	7263678
		Dilution Factor: 1		Analysis Time..: 18:15	MDL.....: 4.7	
Turbidity	92 Q	0.50	NTU	MCAWW 180.1	09/14/07	7257552
		Dilution Factor: 5		Analysis Time..: 09:45	MDL.....: 0.10	

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Waste Management, Inc.

Client Sample ID: MW05

General Chemistry

Lot-Sample #...: D7I140205-010 Work Order #...: J6VH9 Matrix.....: WATER
Date Sampled...: 09/13/07 13:09 Date Received..: 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	0.036 B	0.040	mg/L	MCAWW 350.1	09/20/07	7264255
		Dilution Factor: 1		Analysis Time..: 09:53	MDL.....: 0.022	
Chloride	7.8	0.30	mg/L	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 1		Analysis Time..: 21:14	MDL.....: 0.25	
Total Alkalinity	140 J	5.0	mg/L	MCAWW 310.1	09/21/07	7265061
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 1.1	
Total Dissolved Solids	200	10	mg/L	MCAWW 160.1	09/20/07	7263678
		Dilution Factor: 1		Analysis Time..: 18:15	MDL.....: 4.7	
Turbidity	11	0.10	NTU	MCAWW 180.1	09/14/07	7257552
		Dilution Factor: 1		Analysis Time..: 09:45	MDL.....: 0.020	

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: MW08

General Chemistry

Lot-Sample #...: D7I140205-011 Work Order #...: J6VJA Matrix.....: WATER
Date Sampled...: 09/13/07 13:25 Date Received..: 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	0.052	0.040	mg/L	MCAWW 350.1	09/20/07	7264255
		Dilution Factor: 1		Analysis Time..: 09:53	MDL.....: 0.022	
Chloride	8.9	0.30	mg/L	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 1		Analysis Time..: 21:31	MDL.....: 0.25	
Total Alkalinity	30 J	5.0	mg/L	MCAWW 310.1	09/21/07	7265061
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 1.1	
Total Dissolved Solids	88	10	mg/L	MCAWW 160.1	09/20/07	7263678
		Dilution Factor: 1		Analysis Time..: 18:15	MDL.....: 4.7	
Turbidity	17	0.10	NTU	MCAWW 180.1	09/14/07	7257552
		Dilution Factor: 1		Analysis Time..: 09:45	MDL.....: 0.020	

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: FB

General Chemistry

Lot-Sample #...: D7I140205-012 **Work Order #...:** J6VJC **Matrix.....:** WATER
Date Sampled...: 09/13/07 13:45 **Date Received..:** 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	09/20/07	7264255
		Dilution Factor: 1		Analysis Time..: 09:53	MDL.....: 0.022	
Chloride	ND	0.30	mg/L	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 1		Analysis Time..: 21:49	MDL.....: 0.25	
Total Alkalinity	ND	5.0	mg/L	MCAWW 310.1	09/21/07	7265061
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 1.1	
Total Dissolved Solids	ND	10	mg/L	MCAWW 160.1	09/20/07	7263678
		Dilution Factor: 1		Analysis Time..: 18:15	MDL.....: 4.7	
Turbidity	**0.18**	**0.10**	**NTU**	**MCAWW 180.1**	**09/14/07**	**7257552**
		Dilution Factor: 1		Analysis Time..: 09:45	MDL.....: 0.020	

QC DATA ASSOCIATION SUMMARY

D7I140205

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	MCAWW 160.1		7263676	7265111
	WATER	MCAWW 180.1		7257552	7258021
	WATER	MCAWW 300.0A		7267384	7268334
	WATER	MCAWW 310.1		7265061	7265033
	WATER	MCAWW 350.1		7264255	7264183
002	WATER	MCAWW 160.1		7263676	7265111
	WATER	MCAWW 180.1		7257552	7258021
	WATER	MCAWW 300.0A		7267384	7268334
	WATER	MCAWW 310.1		7265061	7265033
	WATER	MCAWW 350.1		7264255	7264183
003	WATER	MCAWW 160.1		7263676	7265111
	WATER	MCAWW 180.1		7257552	7258021
	WATER	MCAWW 300.0A		7267384	7268334
	WATER	MCAWW 310.1		7265061	7265033
	WATER	MCAWW 350.1		7264255	7264183
004	WATER	MCAWW 160.1		7263678	7265112
	WATER	MCAWW 180.1		7257552	7258021
	WATER	MCAWW 300.0A		7267384	7268334
	WATER	MCAWW 310.1		7265061	7265033
	WATER	MCAWW 350.1		7264255	7264183
005	WATER	MCAWW 160.1		7263678	7265112
	WATER	MCAWW 180.1		7257552	7258021
	WATER	MCAWW 300.0A		7267384	7268334
	WATER	MCAWW 310.1		7265061	7265033
	WATER	MCAWW 350.1		7264255	7264183
006	WATER	MCAWW 160.1		7263678	7265112
	WATER	MCAWW 180.1		7257552	7258021
	WATER	MCAWW 300.0A		7267384	7268334
	WATER	MCAWW 310.1		7265061	7265033
	WATER	MCAWW 350.1		7264255	7264183
007	WATER	MCAWW 160.1		7263678	7265112
	WATER	MCAWW 180.1		7257552	7258021
	WATER	MCAWW 300.0A		7267384	7268334
	WATER	MCAWW 310.1		7265061	7265033
	WATER	MCAWW 350.1		7264255	7264183

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D7I140205

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
008	WATER	MCAWW 160.1		7263678	7265112
	WATER	MCAWW 180.1		7257552	7258021
	WATER	MCAWW 300.0A		7267384	7268334
	WATER	MCAWW 310.1		7265061	7265033
	WATER	MCAWW 350.1		7264255	7264183
009	WATER	MCAWW 160.1		7263678	7265112
	WATER	MCAWW 180.1		7257552	7258021
	WATER	MCAWW 300.0A		7267384	7268334
	WATER	MCAWW 310.1		7265061	7265033
	WATER	MCAWW 350.1		7264255	7264183
010	WATER	MCAWW 160.1		7263678	7265112
	WATER	MCAWW 180.1		7257552	7258021
	WATER	MCAWW 300.0A		7267384	7268334
	WATER	MCAWW 310.1		7265061	7265033
	WATER	MCAWW 350.1		7264255	7264183
011	WATER	MCAWW 160.1		7263678	7265112
	WATER	MCAWW 180.1		7257552	7258021
	WATER	MCAWW 300.0A		7267384	7268334
	WATER	MCAWW 310.1		7265061	7265033
	WATER	MCAWW 350.1		7264255	7264183
012	WATER	MCAWW 160.1		7263678	7265112
	WATER	MCAWW 180.1		7257552	7258021
	WATER	MCAWW 300.0A		7267384	7268334
	WATER	MCAWW 310.1		7265061	7265033
	WATER	MCAWW 350.1		7264255	7264183

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D7I140205 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		Work Order #: J7DHH1AA		MB Lot-Sample #:	D7I210000-255	
	ND	0.040	mg/L	MCAWW 350.1	09/20/07	7264255
		Dilution Factor: 1				
		Analysis Time..: 09:53				
Chloride		Work Order #: J7MH41AA		MB Lot-Sample #:	D7I240000-384	
	ND	0.30	mg/L	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 1				
		Analysis Time..: 12:52				
Total Alkalinity		Work Order #: J7FLE1AA		MB Lot-Sample #:	D7I220000-061	
	1.8 B	**5.0**	**mg/L**	**MCAWW 310.1**	**09/21/07**	**7265061**
		Dilution Factor: 1				
		Analysis Time..: 17:00				
Total Dissolved Solids		Work Order #: J7G2L1AA		MB Lot-Sample #:	D7I200000-676	
	ND	10	mg/L	MCAWW 160.1	09/20/07	7263676
		Dilution Factor: 1				
		Analysis Time..: 16:00				
Total Dissolved Solids		Work Order #: J7G3D1AA		MB Lot-Sample #:	D7I200000-678	
	ND	10	mg/L	MCAWW 160.1	09/20/07	7263678
		Dilution Factor: 1				
		Analysis Time..: 18:15				
Turbidity		Work Order #: J6X281AA		MB Lot-Sample #:	D7I140000-552	
	ND	0.10	NTU	MCAWW 180.1	09/14/07	7257552
		Dilution Factor: 1				
		Analysis Time..: 09:45				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D7I140205 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		WO#:J7DHH1AC-LCS/J7DHH1AD-LCSD				LCS Lot-Sample#: D7I210000-255	
	100	(90 - 110)			MCAWW 350.1	09/20/07	7264255
	101	(90 - 110)	0.94	(0-10)	MCAWW 350.1	09/20/07	7264255
		Dilution Factor: 1			Analysis Time..: 09:53		
Chloride		WO#:J7MH41AC-LCS/J7MH41AD-LCSD				LCS Lot-Sample#: D7I240000-384	
	99	(90 - 110)			MCAWW 300.0A	09/22/07	7267384
	100	(90 - 110)	1.1	(0-10)	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 1			Analysis Time..: 12:18		
Total Alkalinity		WO#:J7FLE1AC-LCS/J7FLE1AD-LCSD				LCS Lot-Sample#: D7I220000-061	
	92	(90 - 110)			MCAWW 310.1	09/21/07	7265061
	93	(90 - 110)	1.6	(0-10)	MCAWW 310.1	09/21/07	7265061
		Dilution Factor: 1			Analysis Time..: 17:00		
Total Dissolved Solids		WO#:J7G2L1AC-LCS/J7G2L1AD-LCSD				LCS Lot-Sample#: D7I200000-676	
	101	(86 - 106)			MCAWW 160.1	09/20/07	7263676
	97	(86 - 106)	4.0	(0-20)	MCAWW 160.1	09/20/07	7263676
		Dilution Factor: 1			Analysis Time..: 16:00		
Total Dissolved Solids		WO#:J7G3D1AC-LCS/J7G3D1AD-LCSD				LCS Lot-Sample#: D7I200000-678	
	99	(86 - 106)			MCAWW 160.1	09/20/07	7263678
	99	(86 - 106)	0.20	(0-20)	MCAWW 160.1	09/20/07	7263678
		Dilution Factor: 1			Analysis Time..: 18:15		
Turbidity		WO#:J6X281AC-LCS/J6X281AD-LCSD				LCS Lot-Sample#: D7I140000-552	
	99	(90 - 110)			MCAWW 180.1	09/14/07	7257552
	100	(90 - 110)	1.0	(0-10)	MCAWW 180.1	09/14/07	7257552
		Dilution Factor: 1			Analysis Time..: 09:45		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D7I140205 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N			WO#:J7DHH1AC-LCS/J7DHH1AD-LCSD				LCS Lot-Sample#: D7I210000-255	
	4.00	4.01	mg/L	100		MCAWW 350.1	09/20/07	7264255
	4.00	4.05	mg/L	101	0.94	MCAWW 350.1	09/20/07	7264255
			Dilution Factor: 1			Analysis Time..: 09:53		
Chloride			WO#:J7MH41AC-LCS/J7MH41AD-LCSD				LCS Lot-Sample#: D7I240000-384	
	25.0	24.8	mg/L	99		MCAWW 300.0A	09/22/07	7267384
	25.0	25.1	mg/L	100	1.1	MCAWW 300.0A	09/22/07	7267384
			Dilution Factor: 1			Analysis Time..: 12:18		
Total Alkalinity			WO#:J7FLE1AC-LCS/J7FLE1AD-LCSD				LCS Lot-Sample#: D7I220000-061	
	200	183	mg/L	92		MCAWW 310.1	09/21/07	7265061
	200	186	mg/L	93	1.6	MCAWW 310.1	09/21/07	7265061
			Dilution Factor: 1			Analysis Time..: 17:00		
Total Dissolved Solids			WO#:J7G2L1AC-LCS/J7G2L1AD-LCSD				LCS Lot-Sample#: D7I200000-676	
	500	505	mg/L	101		MCAWW 160.1	09/20/07	7263676
	500	485	mg/L	97	4.0	MCAWW 160.1	09/20/07	7263676
			Dilution Factor: 1			Analysis Time..: 16:00		
Total Dissolved Solids			WO#:J7G3D1AC-LCS/J7G3D1AD-LCSD				LCS Lot-Sample#: D7I200000-678	
	500	497	mg/L	99		MCAWW 160.1	09/20/07	7263678
	500	496	mg/L	99	0.20	MCAWW 160.1	09/20/07	7263678
			Dilution Factor: 1			Analysis Time..: 18:15		
Turbidity			WO#:J6X281AC-LCS/J6X281AD-LCSD				LCS Lot-Sample#: D7I140000-552	
	10.0	9.87	NTU	99		MCAWW 180.1	09/14/07	7257552
	10.0	9.97	NTU	100	1.0	MCAWW 180.1	09/14/07	7257552
			Dilution Factor: 1			Analysis Time..: 09:45		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I140205 **Matrix.....:** WATER
Date Sampled...: 09/13/07 12:11 **Date Received..:** 09/15/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		WO#: J6VGN1AG-MS/J6VGN1AH-MSD				MS Lot-Sample #: D7I140205-001	
	107	(81 - 114)			MCAWW 350.1	09/20/07	7264255
	102	(81 - 114)	4.4	(0-10)	MCAWW 350.1	09/20/07	7264255
		Dilution Factor: 1					
		Analysis Time..: 09:53					
Chloride		WO#: J60N21AP-MS/J60N21AQ-MSD				MS Lot-Sample #: D7I150215-003	
	96	(80 - 120)			MCAWW 300.0A	09/22/07	7267384
	94	(80 - 120)	0.81	(0-20)	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 100					
		Analysis Time..: 16:03					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D7I140205 **Matrix.....:** WATER
Date Sampled...: 09/13/07 12:11 **Date Received..:** 09/15/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N			WO#: J6VGN1AG-MS/J6VGN1AH-MSD				MS Lot-Sample #: D7I140205-001		
	ND	4.00	4.30	mg/L	107		MCAWW 350.1	09/20/07	7264255
	ND	4.00	4.11	mg/L	102	4.4	MCAWW 350.1	09/20/07	7264255
			Dilution Factor: 1						
			Analysis Time..: 09:53						
Chloride			WO#: J60N21AP-MS/J60N21AQ-MSD				MS Lot-Sample #: D7I150215-003		
	2500	2500	4940	mg/L	96		MCAWW 300.0A	09/22/07	7267384
	2500	2500	4900	mg/L	94	0.81	MCAWW 300.0A	09/22/07	7267384
			Dilution Factor: 100						
			Analysis Time..: 16:03						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I140205 **Work Order #...:** J6QTW-SMP J6QTW-DUP **Matrix.....:** WATER

Date Sampled...: 09/12/07 15:32 **Date Received..:** 09/13/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Turbidity						SD Lot-Sample #:	D7I130245-001	
	72 Q	69 Q	NTU	4.9	(0-10)	MCAWW 180.1	09/14/07	7257552

Dilution Factor: 5 Analysis Time..: 09:45

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I140205 **Work Order #...:** J60N4-SMP J60N4-DUP **Matrix.....:** WATER

Date Sampled...: 09/13/07 12:11 **Date Received..:** 09/15/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: D7I150215-004		
	8800 Q	8500 Q	mg/L	4.2	(0-20)	MCAWW 160.1	09/20/07	7263676

Dilution Factor: 4 Analysis Time..: 16:00

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I140205 **Work Order #...:** J6WTC-SMP J6WTC-DUP **Matrix.....:** WATER

Date Sampled...: 09/13/07 14:10 **Date Received..:** 09/14/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #:	D7I140353-011	
	6600 Q	6600 Q	mg/L	0.30	(0-20)	MCAWW 160.1	09/20/07	7263678

Dilution Factor: 2 Analysis Time..: 18:15

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I140205 **Work Order #...:** J6VGN-SMP J6VGN-DUP **Matrix.....:** WATER

Date Sampled...: 09/13/07 12:18 **Date Received..:** 09/14/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #:	D7I140205-001	
	13 J	11	mg/L	14	(0-10)	MCAWW 310.1	09/21/07	7265061

Dilution Factor: 1 Analysis Time..: 17:00

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

[redacted]

Chain of Custody Record

3.0, 3.1°C

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

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STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
WM	MARK	9-13-07	354748

Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 1

City	State	Zip Code	Site Contact	Lab Contact

Project Name and Location (State)	Carrier/Waybill Number
Piedmont	

Contract/Purchase Order/Quote No. 134 26744-B

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Matrix: Aqueous	Matrix: Sed.	Matrix: Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): TDS	Cl	T Alk	NH3	Turb (optional)	Special Instructions/ Conditions of Receipt
MW06	9/13	1218		X			1	1					1	✓	✓	1	✓	TRIP BLANK
MW01		1156		X			1	1					1	✓	✓	1	✓	INCLUDED WITH
MW11		0919		X			1	1					1	✓	✓	1	✓	ALL VOA
MW11D		0949		X			1	1					1	✓	✓	1	✓	SAMPLES
MW10		0852		X			1	1					1	✓	✓	1	✓	
MW03		0819		X			1	1					1	✓	✓	1	✓	
MW07		0751		X			1	1					1	✓	✓	1	✓	
MW02		0723		X			1	1					1	✓	✓	1	✓	
MW12		1234		X			1	1					1	✓	✓	1	✓	
MW05		1309		X			1	1					1	✓	✓	1	✓	
MW08		1325		X			1	1					1	✓	✓	1	✓	
~~MW~~ FB	✓	1345		X			1	1					1	✓	✓	1	✓	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By [signature]	9-13-07	1700	1. Received By [signature]	9-14-07	8830
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: MW01 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: -002

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
09 13 07	11:39	:17	11	10	09

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Filter Device: Y or N — 0.45 µ or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 823.93 (ft/msl)

Depth to Water (DTW) (from TOC): 42.21 (ft)

Groundwater Elevation (site datum, from TOC): 781.71 (ft/msl)

Total Well Depth (from TOC): 49.00 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit l/min	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1143	0.21 1st	5.34 1st	92	18.2	103	7.3	188.0	
1145	0.21 2nd	5.34 2nd	90	18.2	51	7.0	188.0	
1147	0.21 3rd	5.35 3rd	89	18.2	67	7.0	188.0	
1149	0.21 4th	5.38 4th	88	18.2	57	6.9	187.0	
1151	0.21	5.39	87	18.2	52	6.9	187.0	
1153	0.21	5.40	86	18.2	54	6.8	188.0	
1155	0.21	5.40	86	18.2	54	6.8	188.0	42.5
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
09 13 07	5.40	86	18.2	54	6.8	188.0	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR Odor: None Color: None Other: No sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: P.C. 75°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 49.00-42.21 = 6.79 x 0.163 = 1.11 gallons (4.15 l)

FLOW: 210 ml/min

ACTUAL: 17 min @ 0.21 l/m = 3.57 l (0.95 gallons)

SAMPLE TIME: 1156

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/07	DAN ARMOUR	[signature]	PRO-TECH

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DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: MW02 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: -008

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
091307	0706	117	09	07	08

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or (N) — 0.45 µ or ____ µ (circle or fill in)

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): 7784 (ft/msl)

Depth to Water (DTW) (from TOC): 3020 (ft)

Groundwater Elevation (site datum, from TOC): 7478 (ft/msl)

Total Well Depth (from TOC): 3550 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit L/min	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0710	0.15 1st	534 1st	134	153	25	3.7	1930	
0712	0.15 2nd	526 2nd	134	152	02	3.6	1980	
0714	0.15 3rd	513 3rd	134	152	01	3.0	2010	
0716	0.15 4th	510 4th	134	152	01	2.9	2030	
0718	0.15	508	133	151	01	2.8	2060	
0720	0.15	508	133	151	01	2.7	2080	
0722	0.15	508	133	151	01	2.7	2090	306
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
091307	508	133	151	01	27		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: P.C. 65°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 35.50 - 30.20 = 5.30 x 0.163 = 0.87 gal (3.24 l)

FLOW: 150 ml/min

ACTUAL: 17 min @ 0.15 l/min = 2.55 l (0.7 gallon)

SAMPLE TIME: 0723

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/09	DAN ARMOUR	[signature]	PRO-TECH
__/__/__			

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: MW03 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: -006

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
091307	0802	17	19	09	05

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or N — 0.45 µ or ____ µ (circle or fill in)

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 77008 (ft/msl)

Depth to Water (DTW) (from TOC): 2650 (ft)

Groundwater Elevation (site datum, from TOC): 74358 (ft/msl)

Total Well Depth (from TOC): 3800 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit l/min	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0806	0.2 1st	517 1st	153	151	186	52	1760	
0808	0.2 2nd	524 2nd	153	151	177	51	1810	
0810	0.2 3rd	526 3rd	153	151	109	50	1830	
0812	0.2 4th	523 4th	153	151	94	49	1830	
0814	0.2	520	153	151	83	48	1840	
0816	0.2	519	153	151	74	48	1840	
0818	0.2	522	153	151	53	48	1830	269
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
091307	522	153	151	53	48	1830	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: NONE — Color: NONE — Other: NO Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM — Outlook: P.C. 65°F — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

CALC: 38.00 - 26.50 = 11.5 x 0.163 = 1.87 gallons (7.03 l)

FLOW: 200 ml/min

ACTUAL: 17 min @ 0.2 l/min = 3.4 l (0.91 gallon)

SAMPLE TIME: 0819

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/07	DAN ARMOUR	[signature]	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: MW05 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: -010

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
091307	1253	116	23	09	04

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or (N) 0.45 µ or ____ µ (circle or fill in)

Filter Type: - (A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____)

Sample Tube Type: A (A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____)

WELL DATA

Well Elevation (at TOC): 7417 (ft/msl)

Depth to Water (DTW) (from TOC): 6.60 (ft)

Groundwater Elevation (site datum, from TOC): 736.57 (ft/msl)

Total Well Depth (from TOC): 20.50 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit L/min	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1256	0.22 1st	5.72 1st	299 1st	17.1	17.6	2.1	154.0	
1258	0.22 2nd	5.70 2nd	300 2nd	17.1	14.3	2.1	156.0	
1300	0.22 3rd	5.68 3rd	301 3rd	17.2	13.9	1.9	158.0	
1302	0.22 4th	5.65 4th	302 4th	17.2	12.1	1.7	159.0	
1304	0.22	5.64	303	17.2	11.6	1.6	160.0	
1306	0.22	5.63	304	17.2	10.7	1.6	162.0	
1308	0.22	5.63	304	17.2	10.3	1.6	163.0	6.9
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
091307	5.63	304	17.2	10.3	1.6	163.0	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: No Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: P.C. 85°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 20.50 - 6.60 = 13.90 x 0.163 = 2.27 gallons (8.5 l)

FLOW: 220 ml/min

ACTUAL: 16 min @ 0.22 l/min = 3.52 l (0.94 gallons)

SAMPLE TIME: 1309

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/07	DAN ACMOVR	[signature]	PRO-TECH
__/__/__			

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: MW06 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: D7I146217-001

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
091307	1207	11	04	06	1.5

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or (N) — 0.45 µ or ____ µ (circle or fill in)

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): 8087 (ft/msl)

Depth to Water (DTW) (from TOC): 2712 (ft)

Groundwater Elevation (site datum, from TOC): 7737.5 (ft/msl)

Total Well Depth (from TOC): 2960 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit L/min	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1209	0.21 1st	4.71 1st	39	18.4	28	5.8	215.0	
1211	0.21 2nd	4.67 2nd	38	18.3	29	5.7	218.0	
1213	0.21 3rd	4.69 3rd	38	18.1	36	5.7	226.0	
1215	0.21 4th	4.67 4th	38	18.1	39	5.6	228.0	
1217	0.21	4.67	38	18.1	24	5.6	229.0	27.6
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
091307	4.67	38	18.1	24	5.6	229.0	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR — Odor: NONE — Color: NONE — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM — Outlook: P.C. - 80°F — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 29.60 - 27.12 = 2.48 x 0.163 = 0.40 gallons (1.5 l)

FLOW: 210 ml/min

ACTUAL: 11 min @ 0.21 l/min = 2.31 l (0.62 gallons)

Sample Time: 1218

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/07	DAN ARMOUR	[signature]	PRO-TECH
/ /			

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample. YELLOW - Returned to Client. PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: MW07 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: -007

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
091307	0736	1:15	66	08	13

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or (N) — 0.45 µ or ____ µ (circle or fill in)

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
7157 (ft/msl)	2751 (ft)	74406 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
3130 (ft)	____ (ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit l/m	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0740	0.2 1st	5.41 1st	146 1st	15.5	23	5.3	169.0	
0742	0.2 2nd	5.46 2nd	143 2nd	15.3	40	5.3	171.0	
0744	0.2 3rd	5.43 3rd	140 3rd	15.3	22	5.2	174.0	
0746	0.2 4th	5.41 4th	141 4th	15.3	10	5.2	177.0	
0748	0.2	5.39	142	15.3	18	5.2	178.0	
0750	0.2	5.38	143	15.3	29	5.2	180.0	27.7
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
091307	5.38	143	15.3	29	5.2	180.0	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: NONE — Color: NONE — Other: No Sheen

Weather Conditions (required daily, or as conditions change): — Direction/Speed: CALM — Outlook: P.C. 65°F — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 31.30 - 27.51 = 3.79 x 0.163 = 0.62 gallons (2.32 l)

FLOW: 200 ml/min

ACTUAL: 15 min @ 0.2 l/min = 3.0 l (0.8 gal)

SAMPLE TIME: 0751

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/09	DAN ARMOUR	[signature]	PRO-TECH
/ /			

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DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R. 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: Piedmont

Site No.:

Sample Point: MW08 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: -011

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
091207	1632	38	1.4	5.0	3.7

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: (Y) or N (0.45 µ) or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): 748.95 (ft/msl)

Depth to Water (DTW) (from TOC): 10.42 (ft)

Groundwater Elevation (site datum, from TOC): 738.53 (ft/msl)

Total Well Depth (from TOC): 18.80 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit l/m		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)		Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1635	0.14	1st	4.85	1st	147		21.3	28.7	2.7	146.0	
1638	0.14	2nd	4.82	2nd	148		21.4	41.2	2.8	135.0	
1641	0.14	3rd	4.81	3rd	147		21.4	33.9	2.7	138.0	
1644	0.14	4th	4.80	4th	147		21.4	23.2	2.7	140.0	
1647	0.14		4.84		145		21.4	43.4	2.7	147.0	
1650	0.14		4.79		144		21.4	39.5	2.6	150.0	
1653	0.14		4.74		144		21.4	44.2	2.5	153.0	
1658	0.94		5.17		156		17.6	19.2	1.9	166.0	
1703	0.94		5.00		154		16.6	12.5	2.4	186.0	
1709	0.94		4.91		155		16.6	16.9	2.7	208.0	
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%		--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
091307							

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: ____ Odor: ____ Color: ____ Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: P.C. 85°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 18.80 − 10.42 = 8.38 x 0.163 = 1.36 gallons (5.12 l)

FLOW #1) 140 ml/min From 1632 to 1653 (21 min)

FLOW #2) 940 ml/min From 1653 to 1710 (17 min)

ACTUAL Purge Vol: 21 min @ 0.14 l/m + 17 min @ 0.94 l/min =

: 2.94 l + 15.98 l = 18.92 l (5.04 gallons)

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/07	Dan Armour	[signature]	Pro-Tech
/ /			

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DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample. YELLOW - Returned to Client. PINK - Field Copy

STL-8029WM B 12/00

MW08 (CON'T)

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: MW08 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: -011

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
09 13 07					

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Filter Device: Y or N — 0.45 µ or ____ µ (circle or fill in)

Purging Device ____ A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device ____

X-Other:

Filter Type: ____ A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: ____ A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC) ____ (ft/msl)

Depth to Water (DTW) (from TOC) ____ (ft)

Groundwater Elevation (site datum, from TOC) ____ (ft/msl)

Total Well Depth (from TOC) ____ (ft)

Stick Up (from ground elevation) ____ (ft)

Casing ID ____ (in)

Casing Material ____

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
(*) 1325	1st	4.98	1148	17.2	12.2	1.2	178.0	
	2nd							
	3rd							
	4th							
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
(*) 09 13 07	4.98	1148	17.2	12.2	1.2	178.0	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: No Sheen

(*) **Weather Conditions** (required daily, or as conditions change): Direction/Speed: CALM Outlook: P.C. 85°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

(*) DATA COLLECTED ON 9-13-07 AT SAMPLE TIME

(*) SAMPLE TIME: 1325 ON 9-13-07

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/07	DAN ARMOUR	[signature]	PRO-TECH
/ /			

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: MW10 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: -005

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
091307	0837	15	06	10	15

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or (N) — 0.45 µ or ____ µ (circle or fill in)

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): 7720 (ft/msl)

Depth to Water (DTW) (from TOC): 3405 (ft)

Groundwater Elevation (site datum, from TOC): 7415 (ft/msl)

Total Well Depth (from TOC): 3800 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit l/min	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0841	0.24 1st	5.37 1st	136 1st	16.4	32	4.6	1650	
0843	0.24 2nd	5.30 2nd	136 2nd	16.3	4.3	4.4	1730	
0845	0.24 3rd	5.23 3rd	136 3rd	16.2	4.2	4.3	1810	
0847	0.24 4th	5.18 4th	136 4th	16.0	2.5	4.3	1920	
0849	0.24	5.18	137	16.1	2.5	4.3	1940	
0851	0.24	5.22	137	16.1	2.5	4.3	1950	3.42
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
091307	5.22	137	16.1	25	4.3	1950	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: NONE — Color: NONE — Other: No Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM — Outlook: P.C. 70°F — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 38.00 - 34.05 = 3.95 x 0.163 = 0.64 gallons (2.4 l)

FLOW: 240 ml/min

ACTUAL: 15 min @ 0.24 l/min = 3.6 l (0.96 gallons)

SAMPLE TIME: 0852

I certify that sampling procedures were in accordance with applicable EPA, State and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/07	DAN ARMOUR	[signature]	PRO-TECH
/ /			

100 —

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: Piedmont

Site No.: | Sample Point: MW11 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: -003

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
091307	0902	17	08	12	15

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Purging Device: C
Sampling Device: C
X-Other:

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Device: Y or N — 0.45 µ or ___ µ (circle or fill in)

Filter Type: —

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A

A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 77680 (ft/msl)
Depth to Water (DTW) (from TOC): 3010 (ft)
Groundwater Elevation (site datum, from TOC): 74670 (ft/msl)
Total Well Depth (from TOC): 3500 (ft)
Stick Up (from ground elevation): (ft)
Casing ID: 2 (in)
Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit l/min	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
09:06	0.26 1st	514 1st	164	164	35	32	1696	
09:08	0.26 2nd	505 2nd	164	164	28	28	1870	
09:10	0.26 3rd	503 3rd	164	164	43	27	1910	
09:12	0.26 4th	501 4th	164	164	43	25	1940	
09:14	0.26	501	164	164	44	25	1960	
09:16	0.26	501	164	165	47	24	1970	
09:18	0.26	501	164	165	45	24	1980	304
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ___ Units ___
091307	501	164	165	45	24	1980	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: P.C. 70°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

CALC: 35.00 - 30.10 = 4.9 x 0.163 = 0.80 gallons (3.0 l)
FLOW: 260 ml/min
ACTUAL: 17 min @ 0.26 l/min = 4.42 l (1.18 gallons)

SAMPLE TIME: 0919

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/07	Dan Armour	[signature]	Pro-Tech
/ /			

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: MW11D (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: -004

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
091307	0930	119	103	08	01

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or N — 0.45 µ or ____ µ (circle or fill in)

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): 77636 (ft/msl)

Depth to Water (DTW) (from TOC): 3010 (ft)

Groundwater Elevation (site datum, from TOC): 74626 (ft/msl)

Total Well Depth (from TOC): 9350 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit L/m	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0934	0.16 1st	6.07 1st	80	19.9	2.0	7.6	1440	
0936	0.16 2nd	6.07 2nd	80	19.9	2.0	7.6	1450	
0938	0.16 3rd	6.08 3rd	79	19.8	2.0	7.6	1460	
0940	0.16 4th	6.09 4th	79	19.7	2.0	7.6	1460	
0942	0.16	6.07	79	19.4	2.0	7.5	1510	
0944	0.16	6.02	80	19.3	1.9	7.3	1540	
0946	0.16	6.01	80	19.3	1.9	7.2	1560	
0948	0.16	6.00	79	19.3	1.9	7.1	1570	358
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
091307	600	79	193	19	71	1570	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: No Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: P.C. 70°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

CALC: 93.50 − 30.10 = 63.40 x 0.163 = 10.33 gallons (38.7 l)

FLOW: 160 ml/min

ACTUAL: 19 min @ 0.16 l/min = 3.04 l (0.82 gallons)

SAMPLE TIME: 0949

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/07	DAN ARMOUR	[signature]	PRO-TECH

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DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: MW12 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: -009

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
091207	1405	1:07	18	69	39

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: (Y) or N (0.45) or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 7548 (ft/msl)

Depth to Water (DTW) (from TOC): 700 (ft)

Groundwater Elevation (site datum, from TOC): 7448 (ft/msl)

Total Well Depth (from TOC): 1800 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit (ml/min)	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1415	0.11 1st	1st	1st		735			
1416	0.11 2nd	2nd	2nd		716			
1417	0.11 3rd	3rd	3rd		707			
1418	0.11 4th	4th	4th		663			
1419	0.11				606			
1420	0.11				538			
1421	0.11				487			
1430	0.11				612			
1433	0.11				406			
1440	0.11				523			
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
091307							

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: ____ Odor: ____ Color: ____ Other: No Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: <Calm Outlook: P.C. 85°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 18.00 - 7.00 = 11.00 x 0.163 = 1.79 gal/vol

Flow #1) 110 ml/min From 1405 To 1450 (45 min)

Flow #2) 950 ml/min From 1450 To 1512 (22 min)

Actual Purge Vol: 45 min @ 110 ml/min = 4.95 l + 22 min @ 950 ml/min = 20.9 l

Total Vol = 25.85 l (6.89 gallon)

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/07	Don Armour	[signature]	Pro-Tech

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

MW 12 CON'T

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: MW12 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: -009

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
091207					

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Filter Device: Y or N 0.45 µ or ____ µ (circle or fill in)

Purging Device: A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device

X-Other:

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC) (ft/msl)

Depth to Water (DTW) (from TOC) (ft)

Groundwater Elevation (site datum, from TOC) (ft/msl)

Total Well Depth (from TOC) (ft)

Stick Up (from ground elevation) (ft)

Casing ID (in)

Casing Material

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1444	0.11	1st	1st		744			
1448	0.11	2nd	2nd		1120			
1450	0.11	3rd	3rd		1563			
1452	0.15	630 4th	1123 4th	159	913	13	1010	
1506	0.15	629	137	158	343	13	1090	
1512	0.15	630	137	158	470	13	1130	
1234		612	144	163	543	15	1260	
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
091307	612	144	163	543	15	1260	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: SLIGHTLY CLOUDY Odor: TAN Color: NONE Other: NO Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: P.C. 80°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

DATA Collected on 9-13-07 AT SAMPLE TIME

SAMPLE TIME: 1234 ON 9-13-07

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/07	DAN ARMOUR		PRO-TECH

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DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: FB (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: -012

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
09 13 07	—	—	—	—	—

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or ____ µ (circle or fill in)

Purging Device: —
A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: X

X-Other: Sample Bottle

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
(ft/msl)	(ft)	(ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
(ft)	(ft)	(in)	

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1345		1st 7.51	1st 3	213	0.1	5.7		
		2nd	2nd					
		3rd	3rd					
		4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
09 13 07	7.51	3	213	0.1	5.7		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: P.C. 85 °F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD BLANK COMPLETED USING DISTILLED WATER PURCHASED LOCALLY.

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/07	DAN ARTOUR	[signature]	PRO-TECH
/ /			

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DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R. 12/00

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Project No. Site 134

Piedmont Landfill

Lot #: D7I130245

Groundwater

Mark Snyder

Waste Management Inc.
Southern Area
2859 Paces Ferry Road Suite 1600
Atlanta, GA 30339

Cc: Van Burbach

TestAmerica Denver
North Carolina Certification # 358

Betsy Sara
Project Manager

October 3, 2007

RECEIVED OCT 04 2007

4955 Yarrow Street Arvada, CO 80002 **tel** 303.736.0100 **fax** 303.431.7171 www.testamericainc.com

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- **Lot Sample Summary**
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- **Chain-of-Custody**

Case Narrative

Enclosed is the report for three samples received at TestAmerica Denver on September 13, 2007. The results included in this report have been reviewed for compliance with TestAmerica's Laboratory Quality Manual. The results relate only to the samples in this report and meet all requirements of NELAC and any exceptions are noted below. TestAmerica Denver is NELAP approved for all parameters reported. TestAmerica's North Carolina certification number is 358.

This report may include reporting limits (RLs) less than TestAmerica Denver's standard reporting limit. The reported sample results and associated reporting limits are being used specifically to meet the needs of this project. Note that data are not normally reported to these levels without qualification because they are inherently less reliable and potentially less defensible than required by the latest industry standards.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

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Quality Control Summary for Lots D7I130245

Sample Receiving

The cooler temperature upon receipt at the Denver laboratory was 3.3°C.

All sample bottles were received in acceptable condition.

Holding Times

All holding times were within established control limits.

Method Blanks

Total Alkalinity Method 310.1 was detected in the Method Blank below the project established reporting limit. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits. The Method Blank data are included at the end of this report.

All other Method Blanks were within established control limits.

Laboratory Control Samples (LCS)

All Laboratory Control Samples were within established control limits.

Lot #: D7I130245

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

All MS/MSD samples were within established control limits.

EXECUTIVE SUMMARY - Detection Highlights

D7I130245

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
3406-MW04D 09/12/07 15:32 001				
Total Dissolved Solids	120	10	mg/L	MCAWW 160.1
Turbidity	72 Q	0.50	NTU	MCAWW 180.1
Chloride	2.5	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	35 J	5.0	mg/L	MCAWW 310.1
Ammonia as N	0.033 B	0.040	mg/L	MCAWW 350.1
3406-MW04 09/12/07 16:11 002				
Total Dissolved Solids	92	10	mg/L	MCAWW 160.1
Turbidity	0.65	0.10	NTU	MCAWW 180.1
Chloride	4.7	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	33 J	5.0	mg/L	MCAWW 310.1
Ammonia as N	0.035 B	0.040	mg/L	MCAWW 350.1
3406-MW12D 09/12/07 15:02 003				
Total Dissolved Solids	160	10	mg/L	MCAWW 160.1
Turbidity	13	0.10	NTU	MCAWW 180.1
Chloride	2.5	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	78 J	5.0	mg/L	MCAWW 310.1
Ammonia as N	0.039 B	0.040	mg/L	MCAWW 350.1

PREPARATION METHODS SUMMARY

D7I130245

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Ammonia preparation	MCAWW 350.1	MCAWW 350.1
Chloride	MCAWW 300.0A	MCAWW 300.0A
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Potentiometric titration to preselected pH	MCAWW 310.1	MCAWW 310.1
Turbidity	MCAWW 180.1	MCAWW 180.1

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

ANALYTICAL METHODS SUMMARY

D7I130245

PARAMETER	ANALYTICAL METHOD
Alkalinity	MCAWW 310.1
Chloride	MCAWW 300.0A
Filterable Residue (TDS)	MCAWW 160.1
Nitrogen, Ammonia	MCAWW 350.1
Turbidity (Nephelometric)	MCAWW 180.1

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

METHOD / ANALYST SUMMARY

D7I130245

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 160.1	ReAnna Davis	002266
MCAWW 180.1	Danielle M. Fougere	006481
MCAWW 300.0A	Ewa Kudla	001167
MCAWW 310.1	Elizabeth Pryor	009450
MCAWW 350.1	Kevin Bloom	006134

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SAMPLE SUMMARY

D7I130245

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J6QTW	001	3406-MW04D	09/12/07	15:3
J6QVE	002	3406-MW04	09/12/07	16:11
J6QVF	003	3406-MW12D	09/12/07	15:0

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Waste Management, Inc.

Client Sample ID: 3406-MW04D

General Chemistry

Lot-Sample #...: D7I130245-001 Work Order #...: J6QTW Matrix.....: WATER
Date Sampled...: 09/12/07 15:32 Date Received..: 09/13/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	0.033 B	0.040	mg/L	MCAWW 350.1	09/18/07	7261487
	Dilution Factor: 1			Analysis Time..: 09:26	MDL.....: 0.022	
Chloride	2.5	0.30	mg/L	MCAWW 300.0A	09/20/07	7263609
	Dilution Factor: 1			Analysis Time..: 11:39	MDL.....: 0.25	
Total Alkalinity	35 J	5.0	mg/L	MCAWW 310.1	09/19/07	7263509
	Dilution Factor: 1			Analysis Time..: 21:00	MDL.....: 1.1	
Total Dissolved Solids	120	10	mg/L	MCAWW 160.1	09/18/07	7261555
	Dilution Factor: 1			Analysis Time..: 18:45	MDL.....: 4.7	
Turbidity	72 Q	0.50	NTU	MCAWW 180.1	09/14/07	7257552
	Dilution Factor: 5			Analysis Time..: 09:45	MDL.....: 0.10	

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Waste Management, Inc.

Client Sample ID: 3406-MW04

General Chemistry

Lot-Sample #...: D7I130245-002 Work Order #...: J6QVE Matrix.....: WATER
Date Sampled...: 09/12/07 16:11 Date Received..: 09/13/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	0.035 B	0.040	mg/L	MCAWW 350.1	09/18/07	7261487
		Dilution Factor: 1		Analysis Time..: 09:26	MDL.....: 0.022	
Chloride	4.7	0.30	mg/L	MCAWW 300.0A	09/20/07	7263609
		Dilution Factor: 1		Analysis Time..: 11:56	MDL.....: 0.25	
Total Alkalinity	33 J	5.0	mg/L	MCAWW 310.1	09/19/07	7263509
		Dilution Factor: 1		Analysis Time..: 21:00	MDL.....: 1.1	
Total Dissolved Solids	92	10	mg/L	MCAWW 160.1	09/18/07	7261555
		Dilution Factor: 1		Analysis Time..: 18:45	MDL.....: 4.7	
Turbidity	0.65	0.10	NTU	MCAWW 180.1	09/14-09/15/07	7257552
		Dilution Factor: 1		Analysis Time..: 09:45	MDL.....: 0.020	

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-MW12D

General Chemistry

Lot-Sample #...: D7I130245-003 Work Order #...: J6QVF Matrix.....: WATER
Date Sampled...: 09/12/07 15:02 Date Received..: 09/13/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	0.039 B	0.040	mg/L	MCAWW 350.1	09/18/07	7261487
		Dilution Factor: 1		Analysis Time..: 09:26	MDL.....: 0.022	
Chloride	2.5	0.30	mg/L	MCAWW 300.0A	09/20/07	7263609
		Dilution Factor: 1		Analysis Time..: 12:13	MDL.....: 0.25	
Total Alkalinity	78 J	5.0	mg/L	MCAWW 310.1	09/19/07	7263509
		Dilution Factor: 1		Analysis Time..: 21:00	MDL.....: 1.1	
Total Dissolved Solids	160	10	mg/L	MCAWW 160.1	09/18/07	7261555
		Dilution Factor: 1		Analysis Time..: 18:45	MDL.....: 4.7	
Turbidity	13	0.10	NTU	MCAWW 180.1	09/14-09/15/07	7257552
		Dilution Factor: 1		Analysis Time..: 09:45	MDL.....: 0.020	

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

QC DATA ASSOCIATION SUMMARY

D7I130245

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	MCAWW 160.1		7261555	7264116
	WATER	MCAWW 180.1		7257552	7258021
	WATER	MCAWW 300.0A		7263609	7264114
	WATER	MCAWW 310.1		7263509	7263247
	WATER	MCAWW 350.1		7261487	7262077
002	WATER	MCAWW 160.1		7261555	7264116
	WATER	MCAWW 180.1		7257552	7258021
	WATER	MCAWW 300.0A		7263609	7264114
	WATER	MCAWW 310.1		7263509	7263247
	WATER	MCAWW 350.1		7261487	7262077
003	WATER	MCAWW 160.1		7261555	7264116
	WATER	MCAWW 180.1		7257552	7258021
	WATER	MCAWW 300.0A		7263609	7264114
	WATER	MCAWW 310.1		7263509	7263247
	WATER	MCAWW 350.1		7261487	7262077

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D7I130245 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		Work Order #: J65NF1AA		MB Lot-Sample #:	D7I180000-487	
	ND	0.040	mg/L	MCAWW 350.1	09/18/07	7261487
		Dilution Factor: 1				
		Analysis Time..: 09:26				
Chloride		Work Order #: J7C4H1AA		MB Lot-Sample #:	D7I200000-609	
	ND	0.30	mg/L	MCAWW 300.0A	09/20/07	7263609
		Dilution Factor: 1				
		Analysis Time..: 10:12				
Total Alkalinity		Work Order #: J7ANG1AA		MB Lot-Sample #:	D7I200000-509	
	1.5 B	**5.0**	**mg/L**	**MCAWW 310.1**	**09/19/07**	**7263509**
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Total Dissolved Solids		Work Order #: J7C4M1AA		MB Lot-Sample #:	D7I180000-555	
	ND	10	mg/L	MCAWW 160.1	09/18/07	7261555
		Dilution Factor: 1				
		Analysis Time..: 18:45				
Turbidity		Work Order #: J6X281AA		MB Lot-Sample #:	D7I140000-552	
	ND	0.10	NTU	MCAWW 180.1	09/14/07	7257552
		Dilution Factor: 1				
		Analysis Time..: 09:45				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D7I130245 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		WO#:J65NF1AC-LCS/J65NF1AD-LCSD				LCS Lot-Sample#: D7I180000-487	
	102	(90 - 110)			MCAWW 350.1	09/18/07	7261487
	103	(90 - 110)	0.39	(0-10)	MCAWW 350.1	09/18/07	7261487
		Dilution Factor: 1			Analysis Time..: 09:26		
Chloride		WO#:J7C4H1AC-LCS/J7C4H1AD-LCSD				LCS Lot-Sample#: D7I200000-609	
	102	(90 - 110)			MCAWW 300.0A	09/20/07	7263609
	102	(90 - 110)	0.60	(0-10)	MCAWW 300.0A	09/20/07	7263609
		Dilution Factor: 1			Analysis Time..: 09:38		
Total Alkalinity		WO#:J7ANG1AC-LCS/J7ANG1AD-LCSD				LCS Lot-Sample#: D7I200000-509	
	95	(90 - 110)			MCAWW 310.1	09/19/07	7263509
	96	(90 - 110)	0.52	(0-10)	MCAWW 310.1	09/19/07	7263509
		Dilution Factor: 1			Analysis Time..: 21:00		
Total Dissolved Solids		WO#:J7C4M1AC-LCS/J7C4M1AD-LCSD				LCS Lot-Sample#: D7I180000-555	
	99	(86 - 106)			MCAWW 160.1	09/18/07	7261555
	99	(86 - 106)	0.20	(0-20)	MCAWW 160.1	09/18/07	7261555
		Dilution Factor: 1			Analysis Time..: 18:45		
Turbidity		WO#:J6X281AC-LCS/J6X281AD-LCSD				LCS Lot-Sample#: D7I140000-552	
	99	(90 - 110)			MCAWW 180.1	09/14/07	7257552
	100	(90 - 110)	1.0	(0-10)	MCAWW 180.1	09/14/07	7257552
		Dilution Factor: 1			Analysis Time..: 09:45		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D7I130245 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		WO#:J65NF1AC-LCS/J65NF1AD-LCSD				LCS Lot-Sample#: D7I180000-487		
	4.00	4.09	mg/L	102		MCAWW 350.1	09/18/07	7261487
	4.00	4.10	mg/L	103	0.39	MCAWW 350.1	09/18/07	7261487
		Dilution Factor: 1				Analysis Time..: 09:26		
Chloride		WO#:J7C4H1AC-LCS/J7C4H1AD-LCSD				LCS Lot-Sample#: D7I200000-609		
	25.0	25.5	mg/L	102		MCAWW 300.0A	09/20/07	7263609
	25.0	25.4	mg/L	102	0.60	MCAWW 300.0A	09/20/07	7263609
		Dilution Factor: 1				Analysis Time..: 09:38		
Total Alkalinity		WO#:J7ANG1AC-LCS/J7ANG1AD-LCSD				LCS Lot-Sample#: D7I200000-509		
	200	190	mg/L	95		MCAWW 310.1	09/19/07	7263509
	200	191	mg/L	96	0.52	MCAWW 310.1	09/19/07	7263509
		Dilution Factor: 1				Analysis Time..: 21:00		
Total Dissolved Solids		WO#:J7C4M1AC-LCS/J7C4M1AD-LCSD				LCS Lot-Sample#: D7I180000-555		
	500	494	mg/L	99		MCAWW 160.1	09/18/07	7261555
	500	495	mg/L	99	0.20	MCAWW 160.1	09/18/07	7261555
		Dilution Factor: 1				Analysis Time..: 18:45		
Turbidity		WO#:J6X281AC-LCS/J6X281AD-LCSD				LCS Lot-Sample#: D7I140000-552		
	10.0	9.87	NTU	99		MCAWW 180.1	09/14/07	7257552
	10.0	9.97	NTU	100	1.0	MCAWW 180.1	09/14/07	7257552
		Dilution Factor: 1				Analysis Time..: 09:45		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I130245 **Matrix.....:** WATER
Date Sampled...: 09/12/07 08:55 **Date Received..:** 09/13/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		WO#:	J6M0C1FM-MS/J6M0C1FN-MSD			MS Lot-Sample #:	D7I120209-001
	102	(81 - 114)			MCAWW 350.1	09/18/07	7261487
	104	(81 - 114)	2.1	(0-10)	MCAWW 350.1	09/18/07	7261487
		Dilution Factor: 1					
		Analysis Time..: 09:26					
Chloride		WO#:	J6P9T1AT-MS/J6P9T1AU-MSD			MS Lot-Sample #:	D7I130187-001
	96	(80 - 120)			MCAWW 300.0A	09/20/07	7263609
	101	(80 - 120)	3.9	(0-20)	MCAWW 300.0A	09/20/07	7263609
		Dilution Factor: 1					
		Analysis Time..: 10:47					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D7I130245 **Matrix.....:** WATER
Date Sampled...: 09/12/07 08:55 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N			WO#: J6M0C1FM-MS/J6M0C1FN-MSD				MS Lot-Sample #: D7I120209-001		
	0.032	4.00	4.10	mg/L	102		MCAWW 350.1	09/18/07	7261487
	0.032	4.00	4.19	mg/L	104	2.1	MCAWW 350.1	09/18/07	7261487
			Dilution Factor: 1						
			Analysis Time..: 09:26						
Chloride			WO#: J6P9T1AT-MS/J6P9T1AU-MSD				MS Lot-Sample #: D7I130187-001		
	3.9	25.0	28.0	mg/L	96		MCAWW 300.0A	09/20/07	7263609
	3.9	25.0	29.1	mg/L	101	3.9	MCAWW 300.0A	09/20/07	7263609
			Dilution Factor: 1						
			Analysis Time..: 10:47						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I130245 **Work Order #...:** J6QTW-SMP J6QTW-DUP **Matrix.....:** WATER

Date Sampled...: 09/12/07 15:32 **Date Received..:** 09/13/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Turbidity						SD Lot-Sample #:	D7I130245-001	
	72 Q	69 Q	NTU	4.9	(0-10)	MCAWW 180.1	09/14/07	725755

Dilution Factor: 5 Analysis Time..: 09:45

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I130245 **Work Order #...:** J6Q26-SMP J6Q26-DUP **Matrix.....:** WATER

Date Sampled...: 09/12/07 11:15 **Date Received..:** 09/13/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: D7I130259-005		
	490	500	mg/L	0.81	(0-20)	MCAWW 160.1	09/18/07	7261556

Dilution Factor: 1 Analysis Time..: 18:45

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I130245 **Work Order #...:** J6QCG-SMP J6QCG-DUP **Matrix.....:** WATER

Date Sampled...: 09/12/07 10:01 **Date Received..:** 09/13/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #:	D7I130192-001	
	1100 J	1100	mg/L	0.0	(0-10)	MCAWW 310.1	09/19/07	726350

Dilution Factor: 1 Analysis Time..: 21:00

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Chain of Custody Record

3.3°C
9-13-07
.82

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

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STL-4124 (0901)

Client: WM	Project Manager: MARK SNYDER	Date: 9-12-07	Chain of Custody Number: 354749
Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 1
City / State / Zip Code	Site Contact	Lab Contact: BETSY SARA	
Project Name and Location (State): PIEDMONT	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: 134 26744-B			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil		Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		Analysis (Attach list if more space is needed): TDS, TALK	NH3	Tuck (Cat'ion)	Special Instructions/ Conditions of Receipt
MW04D	9-12	1532		X				1	1						1	1	✓	
MW04	9-12	1611		X				1	1						1	1	✓	
MW12D	9-12	1602		X				1	1						1	1	✓	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other_____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	9-12-07	2130	1. Received By	9-15-07	0830
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: MW4D (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: D7I130245-001

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
091207	1518	1:19	75	07	009

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: (Y) or N (0.45 µ) or _____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 75733 (ft/msl)

Depth to Water (DTW) (from TOC): 1575 (ft)

Groundwater Elevation (site datum, from TOC): 74158 (ft/msl)

Total Well Depth (from TOC): 6200 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit l/min		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1523	0.14	1st	5.80 (08)	1st	89	21.7	138	6.1	137.0	
1528	0.14	2nd	5.82	2nd	89	21.8	144	6.0	141.0	
1533	0.14	3rd	5.78	3rd	88	21.7	153	6.0	143.0	
1536	0.14	4th	5.77	4th	88	21.7	164	6.0	144.0	164
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
091207	5.77	88	21.7	164	6.0	144.0	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: SLT. CLOUDY Odor: NONE Color: LT. TAN Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: P.C. 85°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 62.00 - 15.75 = 46.25 x 0.163 = 7.54 gallons (28.3 l)

FLOW: 140 ml/min

ACTUAL: 19 min = 0.14 l/min = 2.66 l ∴ 0.71 gal

SAMPLE TIME: 1537

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/12/07	DAN ARMOUR	[signature]	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: MW04 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: 002

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
091207	1554	1:17	19	09	05

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: (Y) or N (0.45 µ) or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 756.92 (ft/msl)

Depth to Water (DTW) (from TOC): 15.27 (ft)

Groundwater Elevation (site datum, from TOC): 741.65 (ft/msl)

Total Well Depth (from TOC): 27.00 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit l/min	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1559	0.19 1st	4.90 1st	85	17.2	22	2.8	196.0	
1604	0.19 2nd	4.75 2nd	80	16.2	18	2.2	214.0	
1606	0.19 3rd	4.76 3rd	80	16.2	11.7	2.1	216.0	
1608	0.19 4th	4.75 4th	80	16.2	11.1	2.1	217.0	
1610	0.19	4.76	79	16.2	11.1	2.1	217.0	15.53
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
091307	4.76	79	16.2	11.1	2.1	217.0	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: No Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: P.C. 85°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 27.00 - 15.27 = 11.73 x 0.163 = 1.91 gallons (7.17 L)

FLOW: 190 ml/min

ACTUAL: 17 min x 0.19 L/min = 3.23 L (0.86 gallon)

Sample Time: 1611

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/12/07	DAN ARMOUR		Pro-Tech

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DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: MW12D (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: -003

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
091207	1437	24	59	13	02

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or (N) 0.45 µ or ____ µ (circle or fill in)

Filter Type: – A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
751.48 (ft/msl)	7.04 (ft)	744.44 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
43.30 (ft)	____ (ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit (L/min)	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1438	02 1st	6.83 1st	266	16.4	59	2.9	870	
1445	02 2nd	6.51 2nd	241	17.0	93	2.9	740	
1450	02 3rd	6.24 3rd	233	17.2	91	2.8	630	
1455	02 4th	6.22 4th	236	17.3	87	2.8	610	
1458	02	6.24	228	17.3	61	2.8	620	
1501	02	6.25	226	17.3	58	2.8	610	7.3
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
091207	6.25	226	17.3	58	2.8	610	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: No Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: P.C. 85°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 43.30 - 7.04 = 36.26 x 0.163 = 5.91 gal/vol

FLOW: 200 ml/min

ACTUAL: 24 min x 200 ml/min = 4.8 l ∴ 1.3 gallon

SAMPLE TIME: 1502

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/12/07	DAN ARMOUR	[signature]	Pro-Tech

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

APPENDIX 1 – PART 2

LABORATORY ANALYTICAL RESULTS

Surface Water Monitoring Points

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Project No. Site 134

Piedmont Landfill

Lot #: D7I140215

Surfacewater

Mark Snyder

Waste Management Inc.
Southern Area
2859 Paces Ferry Road Suite 1600
Atlanta, GA 30339

Cc: Van Burbach

TestAmerica Denver
North Carolina Certification # 358

Betsy Sara
Project Manager

October 3, 2007

RECEIVED OCT 04 2007

Table Of Contents

Standard Deliverables

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- **Table of Contents**
- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **Chain-of-Custody**

Case Narrative

Enclosed is the report for six samples received at TestAmerica Denver on September 14, 2007. The results included in this report have been reviewed for compliance with TestAmerica's Laboratory Quality Manual. The results relate only to the samples in this report and meet all requirements of NELAC and any exceptions are noted below. TestAmerica Denver is NELAP approved for all parameters reported. TestAmerica's North Carolina certification number is 358.

The reporting limits (RLs) in this report are North Carolina SWSLs.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Quality Control Summary for Lots D7I140215

Sample Receiving

The cooler temperature upon receipt at the Denver laboratory was 0.9°C.

All sample bottles were received in acceptable condition.

Holding Times

All holding times were within established control limits.

Method Blanks

Total Lead Method 6010B and Total Zinc Method 6020 were detected in the Method Blanks below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits. The Method Blank data are included at the end of this report.

All other Method Blanks were within established control limits.

Laboratory Control Samples (LCS)

All Laboratory Control Samples were within established control limits.

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

Sample S01 was selected to fulfill the laboratory batch quality control requirements for Method 8260B. Analysis of the laboratory generated MS/MSD for this sample provided an MSD recovery of Methylene Chloride above the upper control limit indicating the possible presence of a matrix interference.

All other MS/MSD samples were within established control limits.

EXECUTIVE SUMMARY - Detection Highlights

D7I140215

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
3406-S01 09/13/07 11:15 001				
Arsenic	0.62 B	10	ug/L	SW846 6020
Copper	1.6 B	10	ug/L	SW846 6020
Zinc	11 J	10	ug/L	SW846 6020
Barium	60 B	100	ug/L	SW846 6010B
Cobalt	1.7 B	10	ug/L	SW846 6010B
1,1-Dichloroethane	0.42 J	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	1.8 J	5.0	ug/L	SW846 8260B
Vinyl chloride	0.47 J	1.0	ug/L	SW846 8260B
3406-S02 09/13/07 10:15 002				
Arsenic	0.27 B	10	ug/L	SW846 6020
Copper	0.78 B	10	ug/L	SW846 6020
Zinc	4.8 B,J	10	ug/L	SW846 6020
Barium	28 B	100	ug/L	SW846 6010B
3406-S03 09/13/07 10:40 003				
Arsenic	0.25 B	10	ug/L	SW846 6020
Antimony	0.075 B	6.0	ug/L	SW846 6020
Copper	0.58 B	10	ug/L	SW846 6020
Zinc	4.6 B,J	10	ug/L	SW846 6020
Barium	26 B	100	ug/L	SW846 6010B
3406-S04 09/13/07 10:55 004				
Arsenic	0.28 B	10	ug/L	SW846 6020
Copper	0.82 B	10	ug/L	SW846 6020
Zinc	4.3 B,J	10	ug/L	SW846 6020
Barium	21 B	100	ug/L	SW846 6010B
3406-S05 09/13/07 10:30 005				
Arsenic	0.27 B	10	ug/L	SW846 6020
Copper	0.64 B	10	ug/L	SW846 6020
Zinc	5.5 B,J	10	ug/L	SW846 6020
Barium	38 B	100	ug/L	SW846 6010B

PREPARATION METHODS SUMMARY

D7I140215

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Acid Digestion for Total Metals by ICPMS	SW846 3020A	SW846 6020
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
25 mL Purge-and-Trap	SW846 5030B/826	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

ANALYTICAL METHODS SUMMARY

D7I140215

PARAMETER	ANALYTICAL METHOD
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Volatile Organics by GC/MS	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D7I140215

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 6010B	Lynn-Anne Trudell	6645
SW846 6020	Janel Motichka	2862
SW846 8260B	Jennifer Hazard	007928

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D7I140215

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J6VK0	001	3406-S01	09/13/07	11:15
J6VK2	002	3406-S02	09/13/07	10:15
J6VK3	003	3406-S03	09/13/07	10:40
J6VK4	004	3406-S04	09/13/07	10:55
J6VK5	005	3406-S05	09/13/07	10:30
J6VK7	006	TRIP	09/13/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Waste Management, Inc.

Client Sample ID: 3406-S01

GC/MS Volatiles

Lot-Sample #...: D7I140215-001 **Work Order #...:** J6VK01AA **Matrix.....:** WATER
Date Sampled...: 09/13/07 11:15 **Date Received..:** 09/14/07
Prep Date.....: 09/24/07 **Analysis Date..:** 09/25/07
Prep Batch #...: 7268574 **Analysis Time..:** 01:36
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	**0.42 J**	**5.0**	**ug/L**	**0.16**
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14
cis-1,2-Dichloroethene	**1.8 J**	**5.0**	**ug/L**	**0.15**
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16

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Waste Management, Inc.

Client Sample ID: 3406-S01

GC/MS Volatiles

Lot-Sample #...: D7I140215-001 **Work Order #...:** J6VK01AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	**0.47 J**	**1.0**	**ug/L**	**0.17**
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	110	(79 - 119)
1,2-Dichloroethane-d4	108	(65 - 126)
4-Bromofluorobenzene	107	(75 - 115)
Toluene-d8	110	(78 - 118)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-S02

GC/MS Volatiles

Lot-Sample #...: D7I140215-002 **Work Order #...:** J6VK21AA **Matrix.....:** WATER
Date Sampled...: 09/13/07 10:15 **Date Received..:** 09/14/07
Prep Date.....: 09/24/07 **Analysis Date..:** 09/25/07
Prep Batch #...: 7268574 **Analysis Time..:** 02:50
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16

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Waste Management, Inc.

Client Sample ID: 3406-S02

GC/MS Volatiles

Lot-Sample #...: D7I140215-002 **Work Order #...:** J6VK21AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(79 - 119)
1,2-Dichloroethane-d4	113	(65 - 126)
4-Bromofluorobenzene	107	(75 - 115)
Toluene-d8	107	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-S03

GC/MS Volatiles

Lot-Sample #...: D7I140215-003 **Work Order #...:** J6VK31AA **Matrix.....:** WATER
Date Sampled...: 09/13/07 10:40 **Date Received..:** 09/14/07
Prep Date.....: 09/24/07 **Analysis Date..:** 09/25/07
Prep Batch #...: 7268574 **Analysis Time..:** 03:08
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16

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Waste Management, Inc.

Client Sample ID: 3406-S03

GC/MS Volatiles

Lot-Sample #...: D7I140215-003 **Work Order #...:** J6VK31AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(79 - 119)
1,2-Dichloroethane-d4	114	(65 - 126)
4-Bromofluorobenzene	107	(75 - 115)
Toluene-d8	109	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-S04

GC/MS Volatiles

Lot-Sample #...: D7I140215-004 **Work Order #...:** J6VK41AA **Matrix.....:** WATER
Date Sampled...: 09/13/07 10:55 **Date Received..:** 09/14/07
Prep Date.....: 09/24/07 **Analysis Date..:** 09/25/07
Prep Batch #...: 7268574 **Analysis Time..:** 03:27
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16

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Waste Management, Inc.

Client Sample ID: 3406-S04

GC/MS Volatiles

Lot-Sample #...: D7I140215-004 Work Order #...: J6VK41AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(79 - 119)
1,2-Dichloroethane-d4	113	(65 - 126)
4-Bromofluorobenzene	109	(75 - 115)
Toluene-d8	108	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-S05

GC/MS Volatiles

Lot-Sample #...: D7I140215-005 **Work Order #...:** J6VK51AA **Matrix.....:** WATER
Date Sampled...: 09/13/07 10:30 **Date Received..:** 09/14/07
Prep Date.....: 09/24/07 **Analysis Date..:** 09/25/07
Prep Batch #...: 7268574 **Analysis Time..:** 03:45
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16

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Waste Management, Inc.

Client Sample ID: 3406-S05

GC/MS Volatiles

Lot-Sample #...: D7I140215-005 **Work Order #...:** J6VK51AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(79 - 119)
1,2-Dichloroethane-d4	117	(65 - 126)
4-Bromofluorobenzene	109	(75 - 115)
Toluene-d8	108	(78 - 118)

Waste Management, Inc.

Client Sample ID: TRIP

GC/MS Volatiles

Lot-Sample #...: D7I140215-006 **Work Order #...:** J6VK71AA **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07
Prep Date.....: 09/24/07 **Analysis Date..:** 09/25/07
Prep Batch #...: 7268574 **Analysis Time..:** 04:04
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	5.0	ug/L	0.14
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16

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Waste Management, Inc.

Client Sample ID: TRIP

GC/MS Volatiles

Lot-Sample #...: D7I140215-006 Work Order #...: J6VK71AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	ND	100	ug/L	1.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(79 - 119)
1,2-Dichloroethane-d4	114	(65 - 126)
4-Bromofluorobenzene	105	(75 - 115)
Toluene-d8	110	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-S01

TOTAL Metals

Lot-Sample #...: D7I140215-001 **Matrix.....:** WATER
Date Sampled...: 09/13/07 11:15 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257597						
Barium	**60 B**	**100**	**ug/L**	**SW846 6010B**	**09/19/07**	**J6VK01AD**
		Dilution Factor: 1		Analysis Time..: 22:10	MDL.....: 1.0	
Vanadium	ND	25	ug/L	SW846 6010B	09/19/07	J6VK01AE
		Dilution Factor: 1		Analysis Time..: 22:10	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19/07	J6VK01AN
		Dilution Factor: 1		Analysis Time..: 22:10	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19/07	J6VK01AF
		Dilution Factor: 1		Analysis Time..: 22:10	MDL.....: 2.8	
Cobalt	**1.7 B**	**10**	**ug/L**	**SW846 6010B**	**09/19/07**	**J6VK01AG**
		Dilution Factor: 1		Analysis Time..: 22:10	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	09/19/07	J6VK01AR
		Dilution Factor: 1		Analysis Time..: 22:10	MDL.....: 2.6	
Lead	ND	10	ug/L	SW846 6010B	09/19/07	J6VK01AT
		Dilution Factor: 1		Analysis Time..: 22:10	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19/07	J6VK01AU
		Dilution Factor: 1		Analysis Time..: 22:10	MDL.....: 7.8	
Prep Batch #...: 7260077						
Arsenic	**0.62 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VK01AF**
		Dilution Factor: 1		Analysis Time..: 05:15	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J6VK01AG
		Dilution Factor: 1		Analysis Time..: 05:15	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6VK01AP
		Dilution Factor: 1		Analysis Time..: 05:15	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6VK01AL
		Dilution Factor: 1		Analysis Time..: 05:15	MDL.....: 0.020	
Copper	**1.6 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VK01AK**
		Dilution Factor: 1		Analysis Time..: 05:15	MDL.....: 0.56	

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 3406-S01

TOTAL Metals

Lot-Sample #...: D7I140215-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VK01AL
		Dilution Factor: 1		Analysis Time..: 05:15	MDL.....: 0.70	
Zinc	**11 J**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VK01AM**
		Dilution Factor: 1		Analysis Time..: 05:15	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-S02

TOTAL Metals

Lot-Sample #...: D7I140215-002 **Matrix.....:** WATER
Date Sampled...: 09/13/07 10:15 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257597						
Barium	**28 B**	**100**	**ug/L**	**SW846 6010B**	**09/19/07**	**J6VK21AD**
		Dilution Factor: 1		Analysis Time..: 22:28	MDL.....: 1.0	
Vanadium	ND	25	ug/L	SW846 6010B	09/19/07	J6VK21AE
		Dilution Factor: 1		Analysis Time..: 22:28	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19/07	J6VK21AN
		Dilution Factor: 1		Analysis Time..: 22:28	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19/07	J6VK21AP
		Dilution Factor: 1		Analysis Time..: 22:28	MDL.....: 2.8	
Cobalt	ND	10	ug/L	SW846 6010B	09/19/07	J6VK21AQ
		Dilution Factor: 1		Analysis Time..: 22:28	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	09/19/07	J6VK21AR
		Dilution Factor: 1		Analysis Time..: 22:28	MDL.....: 2.6	
Lead	ND	10	ug/L	SW846 6010B	09/19/07	J6VK21AT
		Dilution Factor: 1		Analysis Time..: 22:28	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19/07	J6VK21AU
		Dilution Factor: 1		Analysis Time..: 22:28	MDL.....: 7.8	
Prep Batch #...: 7260077						
Arsenic	**0.27 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VK21AF**
		Dilution Factor: 1		Analysis Time..: 05:19	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J6VK21AG
		Dilution Factor: 1		Analysis Time..: 05:19	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6VK21AH
		Dilution Factor: 1		Analysis Time..: 05:19	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6VK21AJ
		Dilution Factor: 1		Analysis Time..: 05:19	MDL.....: 0.020	
Copper	**0.78 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VK21AK**
		Dilution Factor: 1		Analysis Time..: 05:19	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-S02

TOTAL Metals

Lot-Sample #...: D7I140215-002 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VK21AL
		Dilution Factor: 1		Analysis Time..: 05:19	MDL.....: 0.70	
Zinc	**4.8 B,J**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VK21AM**
		Dilution Factor: 1		Analysis Time..: 05:19	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-S03

TOTAL Metals

Lot-Sample #...: D7I140215-003 **Matrix.....:** WATER
Date Sampled...: 09/13/07 10:40 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257597						
Barium	**26 B**	**100**	**ug/L**	**SW846 6010B**	**09/19/07**	**J6VK31AD**
		Dilution Factor: 1		Analysis Time..: 22:33	MDL.....: 1.0	
Vanadium	ND	25	ug/L	SW846 6010B	09/19/07	J6VK31AE
		Dilution Factor: 1		Analysis Time..: 22:33	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19/07	J6VK31AN
		Dilution Factor: 1		Analysis Time..: 22:33	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19/07	J6VK31AP
		Dilution Factor: 1		Analysis Time..: 22:33	MDL.....: 2.8	
Cobalt	ND	10	ug/L	SW846 6010B	09/19/07	J6VK31AQ
		Dilution Factor: 1		Analysis Time..: 22:33	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	09/19/07	J6VK31AR
		Dilution Factor: 1		Analysis Time..: 22:33	MDL.....: 2.6	
Lead	ND	10	ug/L	SW846 6010B	09/19/07	J6VK31AT
		Dilution Factor: 1		Analysis Time..: 22:33	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19/07	J6VK31AU
		Dilution Factor: 1		Analysis Time..: 22:33	MDL.....: 7.8	
Prep Batch #...: 7260077						
Arsenic	**0.25 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VK31AF**
		Dilution Factor: 1		Analysis Time..: 05:45	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J6VK31AG
		Dilution Factor: 1		Analysis Time..: 05:45	MDL.....: 0.040	
Antimony	**0.075 B**	**6.0**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VK31AH**
		Dilution Factor: 1		Analysis Time..: 05:45	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6VK31AJ
		Dilution Factor: 1		Analysis Time..: 05:45	MDL.....: 0.020	
Copper	**0.58 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VK31AK**
		Dilution Factor: 1		Analysis Time..: 05:45	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-S03

TOTAL Metals

Lot-Sample #...: D7I140215-003 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VK31AL
		Dilution Factor: 1		Analysis Time..: 05:45	MDL.....: 0.70	
Zinc	4.6 B,J	10	ug/L	SW846 6020	09/19-09/21/07	J6VK31AM
		Dilution Factor: 1		Analysis Time..: 05:45	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-S04

TOTAL Metals

Lot-Sample #...: D7I140215-004 **Matrix.....:** WATER
Date Sampled...: 09/13/07 10:55 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257597						
Barium	**21 B**	**100**	**ug/L**	**SW846 6010B**	**09/19/07**	**J6VK41AD**
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 1.0	
Vanadium	ND	25	ug/L	SW846 6010B	09/19/07	J6VK41AE
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19/07	J6VK41AN
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19/07	J6VK41AP
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 2.8	
Cobalt	ND	10	ug/L	SW846 6010B	09/19/07	J6VK41AQ
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	09/19/07	J6VK41AR
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 2.6	
Lead	ND	10	ug/L	SW846 6010B	09/19/07	J6VK41AT
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19/07	J6VK41AU
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 7.8	
Prep Batch #...: 7260077						
Arsenic	**0.28 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VK41AF**
		Dilution Factor: 1		Analysis Time..: 05:49	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J6VK41AG
		Dilution Factor: 1		Analysis Time..: 05:49	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6VK41AH
		Dilution Factor: 1		Analysis Time..: 05:49	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6VK41AJ
		Dilution Factor: 1		Analysis Time..: 05:49	MDL.....: 0.020	
Copper	**0.82 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VK41AK**
		Dilution Factor: 1		Analysis Time..: 05:49	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-S04

TOTAL Metals

Lot-Sample #...: D7I140215-004 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VK41AL
		Dilution Factor: 1		Analysis Time..: 05:49	MDL.....: 0.70	
Zinc	**4.3 B,J**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VK41AM**
		Dilution Factor: 1		Analysis Time..: 05:49	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-S05

TOTAL Metals

Lot-Sample #...: D7I140215-005 **Matrix.....:** WATER
Date Sampled...: 09/13/07 10:30 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257597						
Barium	**38 B**	**100**	**ug/L**	**SW846 6010B**	**09/19/07**	**J6VK51AD**
		Dilution Factor: 1		Analysis Time..: 22:42	MDL.....: 1.0	
Vanadium	ND	25	ug/L	SW846 6010B	09/19/07	J6VK51AE
		Dilution Factor: 1		Analysis Time..: 22:42	MDL.....: 2.5	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19/07	J6VK51AN
		Dilution Factor: 1		Analysis Time..: 22:42	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	09/19/07	J6VK51AF
		Dilution Factor: 1		Analysis Time..: 22:42	MDL.....: 2.8	
Cobalt	ND	10	ug/L	SW846 6010B	09/19/07	J6VK51AG
		Dilution Factor: 1		Analysis Time..: 22:42	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	09/19/07	J6VK51AP
		Dilution Factor: 1		Analysis Time..: 22:42	MDL.....: 2.6	
Lead	ND	10	ug/L	SW846 6010B	09/19/07	J6VK51AT
		Dilution Factor: 1		Analysis Time..: 22:42	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	09/19/07	J6VK51AU
		Dilution Factor: 1		Analysis Time..: 22:42	MDL.....: 7.8	
Prep Batch #...: 7260077						
Arsenic	**0.27 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VK51AH**
		Dilution Factor: 1		Analysis Time..: 05:53	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J6VK51AC
		Dilution Factor: 1		Analysis Time..: 05:53	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6VK51AP
		Dilution Factor: 1		Analysis Time..: 05:53	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6VK51AL
		Dilution Factor: 1		Analysis Time..: 05:53	MDL.....: 0.020	
Copper	**0.64 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VK51AK**
		Dilution Factor: 1		Analysis Time..: 05:53	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: 3406-S05

TOTAL Metals

Lot-Sample #...: D7I140215-005 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6VK51AL
		Dilution Factor: 1		Analysis Time..: 05:53	MDL.....: 0.70	
Zinc	5.5 B,J	10	ug/L	SW846 6020	09/19-09/21/07	J6VK51AM
		Dilution Factor: 1		Analysis Time..: 05:53	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

QC DATA ASSOCIATION SUMMARY

D7I140215

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 6020		7260077	7260059
	WATER	SW846 8260B		7268574	7268348
	WATER	SW846 6010B		7257597	7257367
002	WATER	SW846 6020		7260077	7260059
	WATER	SW846 8260B		7268574	7268348
	WATER	SW846 6010B		7257597	7257367
003	WATER	SW846 6020		7260077	7260059
	WATER	SW846 8260B		7268574	7268348
	WATER	SW846 6010B		7257597	7257367
004	WATER	SW846 6020		7260077	7260059
	WATER	SW846 8260B		7268574	7268348
	WATER	SW846 6010B		7257597	7257367
005	WATER	SW846 6020		7260077	7260059
	WATER	SW846 8260B		7268574	7268348
	WATER	SW846 6010B		7257597	7257367
006	WATER	SW846 8260B		7268574	7268348

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7I140215 **Work Order #...:** J7MKJ1AA **Matrix.....:** WATER
MB Lot-Sample #: D7I250000-574

Prep Date.....: 09/24/07 **Analysis Time..:** 22:28

Analysis Date..: 09/24/07 **Prep Batch #...:** 7268574
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	100	ug/L	SW846 8260B
Acrylonitrile	ND	200	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	3.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	3.0	ug/L	SW846 8260B
Bromomethane	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	100	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	3.0	ug/L	SW846 8260B
Dibromochloromethane	ND	3.0	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	100	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	50	ug/L	SW846 8260B
Iodomethane	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	100	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7I140215 **Work Order #...:** J7MKJ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	50	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	5.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	100	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(79 - 119)
1,2-Dichloroethane-d4	110	(65 - 126)
4-Bromofluorobenzene	107	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I140215 **Work Order #...:** J7MKJ1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7I250000-574
Prep Date.....: 09/24/07 **Analysis Date..:** 09/24/07
Prep Batch #...: 7268574 **Analysis Time..:** 21:51
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**92**	**(68 - 133)**	**SW846 8260B**
Benzene	**90**	**(77 - 118)**	**SW846 8260B**
Chlorobenzene	**93**	**(78 - 118)**	**SW846 8260B**
Toluene	**91**	**(73 - 120)**	**SW846 8260B**
Trichloroethene	**99**	**(78 - 122)**	**SW846 8260B**
Chloroform	**100**	**(78 - 118)**	**SW846 8260B**
1,1-Dichloroethane	**92**	**(77 - 117)**	**SW846 8260B**
1,2-Dichloropropane	**92**	**(76 - 116)**	**SW846 8260B**
Ethylbenzene	**90**	**(78 - 118)**	**SW846 8260B**
Methylene chloride	**107**	**(71 - 119)**	**SW846 8260B**
Tetrachloroethene	**93**	**(77 - 117)**	**SW846 8260B**
1,1,1-Trichloroethane	**100**	**(78 - 118)**	**SW846 8260B**
Carbon tetrachloride	**106**	**(80 - 120)**	**SW846 8260B**
trans-1,2-Dichloroethene	**88**	**(80 - 120)**	**SW846 8260B**
Bromodichloromethane	**101**	**(78 - 118)**	**SW846 8260B**
1,3-Dichlorobenzene	**93**	**(75 - 115)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(79 - 119)
1,2-Dichloroethane-d4	107	(65 - 126)
4-Bromofluorobenzene	112	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I140215 **Work Order #...:** J7MKJ1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7I250000-574
Prep Date.....: 09/24/07 **Analysis Date..:** 09/24/07
Prep Batch #...: 7268574 **Analysis Time..:** 21:51
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**9.22**	**ug/L**	**92**	**SW846 8260B**
Benzene	**10.0**	**9.05**	**ug/L**	**90**	**SW846 8260B**
Chlorobenzene	**10.0**	**9.28**	**ug/L**	**93**	**SW846 8260B**
Toluene	**10.0**	**9.06**	**ug/L**	**91**	**SW846 8260B**
Trichloroethene	**10.0**	**9.91**	**ug/L**	**99**	**SW846 8260B**
Chloroform	**10.0**	**10.0**	**ug/L**	**100**	**SW846 8260B**
1,1-Dichloroethane	**10.0**	**9.18**	**ug/L**	**92**	**SW846 8260B**
1,2-Dichloropropane	**10.0**	**9.20**	**ug/L**	**92**	**SW846 8260B**
Ethylbenzene	**10.0**	**9.05**	**ug/L**	**90**	**SW846 8260B**
Methylene chloride	**10.0**	**10.7**	**ug/L**	**107**	**SW846 8260B**
Tetrachloroethene	**10.0**	**9.28**	**ug/L**	**93**	**SW846 8260B**
1,1,1-Trichloroethane	**10.0**	**10.0**	**ug/L**	**100**	**SW846 8260B**
Carbon tetrachloride	**10.0**	**10.6**	**ug/L**	**106**	**SW846 8260B**
trans-1,2-Dichloroethene	**10.0**	**8.81**	**ug/L**	**88**	**SW846 8260B**
Bromodichloromethane	**10.0**	**10.1**	**ug/L**	**101**	**SW846 8260B**
1,3-Dichlorobenzene	**10.0**	**9.29**	**ug/L**	**93**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(79 - 119)
1,2-Dichloroethane-d4	107	(65 - 126)
4-Bromofluorobenzene	112	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I140215 Work Order #...: J6VK01CE-MS Matrix.....: WATER
MS Lot-Sample #: D7I140215-001 J6VK01CF-MSD
Date Sampled...: 09/13/07 11:15 Date Received..: 09/14/07
Prep Date.....: 09/24/07 Analysis Date..: 09/25/07
Prep Batch #...: 7268574 Analysis Time..: 01:54
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	94	(68 - 133)			SW846 8260B
	92	(68 - 133)	2.2	(0-20)	SW846 8260B
Benzene	94	(77 - 118)			SW846 8260B
	94	(77 - 118)	0.62	(0-20)	SW846 8260B
Chlorobenzene	96	(78 - 118)			SW846 8260B
	94	(78 - 118)	2.3	(0-20)	SW846 8260B
Toluene	93	(73 - 120)			SW846 8260B
	93	(73 - 120)	0.17	(0-20)	SW846 8260B
Trichloroethene	99	(78 - 122)			SW846 8260B
	99	(78 - 122)	0.31	(0-20)	SW846 8260B
Chloroform	104	(78 - 118)			SW846 8260B
	104	(78 - 118)	0.08	(0-20)	SW846 8260B
1,1-Dichloroethane	96	(77 - 117)			SW846 8260B
	96	(77 - 117)	0.50	(0-21)	SW846 8260B
1,2-Dichloropropane	97	(76 - 116)			SW846 8260B
	97	(76 - 116)	0.43	(0-20)	SW846 8260B
Ethylbenzene	95	(78 - 118)			SW846 8260B
	93	(78 - 118)	2.2	(0-26)	SW846 8260B
Methylene chloride	110	(71 - 119)			SW846 8260B
	127 a	(71 - 119)	15	(0-20)	SW846 8260B
Tetrachloroethene	93	(77 - 117)			SW846 8260B
	93	(77 - 117)	0.39	(0-20)	SW846 8260B
1,1,1-Trichloroethane	105	(78 - 118)			SW846 8260B
	105	(78 - 118)	0.44	(0-20)	SW846 8260B
Carbon tetrachloride	109	(80 - 120)			SW846 8260B
	110	(80 - 120)	0.45	(0-21)	SW846 8260B
trans-1,2-Dichloroethene	89	(80 - 120)			SW846 8260B
	89	(80 - 120)	0.47	(0-24)	SW846 8260B
Bromodichloromethane	103	(78 - 118)			SW846 8260B
	103	(78 - 118)	0.64	(0-20)	SW846 8260B
1,3-Dichlorobenzene	94	(75 - 115)			SW846 8260B
	94	(75 - 115)	0.03	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(79 - 119)
	113	(79 - 119)
1,2-Dichloroethane-d4	106	(65 - 126)
	106	(65 - 126)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I140215 **Work Order #...:** J6VK01CE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7I140215-001 J6VK01CF-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	114	(75 - 115)
	111	(75 - 115)
Toluene-d8	107	(78 - 118)
	108	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I140215 Work Order #...: J6VK01CE-MS Matrix.....: WATER
MS Lot-Sample #: D7I140215-001 J6VK01CF-MSD
Date Sampled...: 09/13/07 11:15 Date Received..: 09/14/07
Prep Date.....: 09/24/07 Analysis Date..: 09/25/07
Prep Batch #...: 7268574 Analysis Time..: 01:54
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	9.37	ug/L	94		SW846 8260B
	ND	10.0	9.17	ug/L	92	2.2	SW846 8260B
Benzene	ND	10.0	9.42	ug/L	94		SW846 8260B
	ND	10.0	9.36	ug/L	94	0.62	SW846 8260B
Chlorobenzene	ND	10.0	9.64	ug/L	96		SW846 8260B
	ND	10.0	9.42	ug/L	94	2.3	SW846 8260B
Toluene	ND	10.0	9.29	ug/L	93		SW846 8260B
	ND	10.0	9.27	ug/L	93	0.17	SW846 8260B
Trichloroethene	ND	10.0	9.90	ug/L	99		SW846 8260B
	ND	10.0	9.87	ug/L	99	0.31	SW846 8260B
Chloroform	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.4	ug/L	104	0.08	SW846 8260B
1,1-Dichloroethane	0.42	10.0	10.1	ug/L	96		SW846 8260B
	0.42	10.0	10.0	ug/L	96	0.50	SW846 8260B
1,2-Dichloropropane	ND	10.0	9.73	ug/L	97		SW846 8260B
	ND	10.0	9.69	ug/L	97	0.43	SW846 8260B
Ethylbenzene	ND	10.0	9.55	ug/L	95		SW846 8260B
	ND	10.0	9.34	ug/L	93	2.2	SW846 8260B
Methylene chloride	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	12.7	ug/L	127 a	15	SW846 8260B
Tetrachloroethene	ND	10.0	9.26	ug/L	93		SW846 8260B
	ND	10.0	9.30	ug/L	93	0.39	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	10.5	ug/L	105	0.44	SW846 8260B
Carbon tetrachloride	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	11.0	ug/L	110	0.45	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	8.93	ug/L	89		SW846 8260B
	ND	10.0	8.88	ug/L	89	0.47	SW846 8260B
Bromodichloromethane	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.3	ug/L	103	0.64	SW846 8260B
1,3-Dichlorobenzene	ND	10.0	9.38	ug/L	94		SW846 8260B
	ND	10.0	9.38	ug/L	94	0.03	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(79 - 119)
	113	(79 - 119)
1,2-Dichloroethane-d4	106	(65 - 126)
	106	(65 - 126)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I140215 **Work Order #...:** J6VK01CE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7I140215-001 J6VK01CF-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	114	(75 - 115)
	111	(75 - 115)
Toluene-d8	107	(78 - 118)
	108	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7I140215 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7I140000-597 **Prep Batch #...:** 7257597						
Barium	ND	100	ug/L	SW846 6010B	09/19/07	J6W621AA
		Dilution Factor: 1				
		Analysis Time..: 22:01				
Vanadium	ND	25	ug/L	SW846 6010B	09/19/07	J6W621AC
		Dilution Factor: 1				
		Analysis Time..: 22:01				
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19/07	J6W621AD
		Dilution Factor: 1				
		Analysis Time..: 22:01				
Silver	ND	10	ug/L	SW846 6010B	09/19/07	J6W621AE
		Dilution Factor: 1				
		Analysis Time..: 22:01				
Cobalt	ND	10	ug/L	SW846 6010B	09/19/07	J6W621AF
		Dilution Factor: 1				
		Analysis Time..: 22:01				
Chromium	ND	10	ug/L	SW846 6010B	09/19/07	J6W621AG
		Dilution Factor: 1				
		Analysis Time..: 22:01				
Lead	**4.0 B**	**10**	**ug/L**	**SW846 6010B**	**09/19/07**	**J6W621AH**
		Dilution Factor: 1				
		Analysis Time..: 22:01				
Nickel	ND	50	ug/L	SW846 6010B	09/19/07	J6W621AJ
		Dilution Factor: 1				
		Analysis Time..: 22:01				
MB Lot-Sample #: D7I170000-077 **Prep Batch #...:** 7260077						
Arsenic	ND	10	ug/L	SW846 6020	09/19-09/21/07	J60671AA
		Dilution Factor: 1				
		Analysis Time..: 05:08				
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J60671AC
		Dilution Factor: 1				
		Analysis Time..: 05:08				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7I140215 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J60671AD
		Dilution Factor: 1				
		Analysis Time..: 05:08				
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J60671AE
		Dilution Factor: 1				
		Analysis Time..: 05:08				
Copper	ND	10	ug/L	SW846 6020	09/19-09/21/07	J60671AF
		Dilution Factor: 1				
		Analysis Time..: 05:08				
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J60671AG
		Dilution Factor: 1				
		Analysis Time..: 05:08				
Zinc	**2.3 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J60671AH**
		Dilution Factor: 1				
		Analysis Time..: 05:08				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I140215 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7I140000-597 **Prep Batch #...:** 7257597					
Barium	102	(90 - 112)	SW846 6010B	09/19/07	J6W621AK
		Dilution Factor: 1	Analysis Time..: 22:06		
Vanadium	98	(90 - 111)	SW846 6010B	09/19/07	J6W621AL
		Dilution Factor: 1	Analysis Time..: 22:06		
Beryllium	98	(89 - 113)	SW846 6010B	09/19/07	J6W621AM
		Dilution Factor: 1	Analysis Time..: 22:06		
Silver	88	(86 - 115)	SW846 6010B	09/19/07	J6W621AN
		Dilution Factor: 1	Analysis Time..: 22:06		
Cobalt	98	(89 - 111)	SW846 6010B	09/19/07	J6W621AP
		Dilution Factor: 1	Analysis Time..: 22:06		
Chromium	101	(90 - 113)	SW846 6010B	09/19/07	J6W621AQ
		Dilution Factor: 1	Analysis Time..: 22:06		
Lead	96	(89 - 110)	SW846 6010B	09/19/07	J6W621AR
		Dilution Factor: 1	Analysis Time..: 22:06		
Nickel	97	(89 - 111)	SW846 6010B	09/19/07	J6W621AT
		Dilution Factor: 1	Analysis Time..: 22:06		
LCS Lot-Sample#: D7I170000-077 **Prep Batch #...:** 7260077					
Arsenic	101	(89 - 111)	SW846 6020	09/19-09/21/07	J60671AJ
		Dilution Factor: 1	Analysis Time..: 05:12		
Cadmium	99	(89 - 111)	SW846 6020	09/19-09/21/07	J60671AK
		Dilution Factor: 1	Analysis Time..: 05:12		
Antimony	102	(71 - 128)	SW846 6020	09/19-09/21/07	J60671AL
		Dilution Factor: 1	Analysis Time..: 05:12		
Thallium	110	(86 - 124)	SW846 6020	09/19-09/21/07	J60671AM
		Dilution Factor: 1	Analysis Time..: 05:12		
Copper	107	(90 - 117)	SW846 6020	09/19-09/21/07	J60671AN
		Dilution Factor: 1	Analysis Time..: 05:12		

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I140215 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	97	(82 - 114)	SW846 6020	09/19-09/21/07	J60671AP
		Dilution Factor: 1	Analysis Time..: 05:12		
Zinc	103	(88 - 118)	SW846 6020	09/19-09/21/07	J60671AQ
		Dilution Factor: 1	Analysis Time..: 05:12		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140215 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7I140000-597 **Prep Batch #...:** 7257597							
Barium	2000	2040	ug/L	102	SW846 6010B	09/19/07	J6W621AK
			Dilution Factor: 1		Analysis Time..: 22:06		
Vanadium	500	490	ug/L	98	SW846 6010B	09/19/07	J6W621AL
			Dilution Factor: 1		Analysis Time..: 22:06		
Beryllium	50.0	49.1	ug/L	98	SW846 6010B	09/19/07	J6W621AM
			Dilution Factor: 1		Analysis Time..: 22:06		
Silver	50.0	44.1	ug/L	88	SW846 6010B	09/19/07	J6W621AN
			Dilution Factor: 1		Analysis Time..: 22:06		
Cobalt	500	488	ug/L	98	SW846 6010B	09/19/07	J6W621AP
			Dilution Factor: 1		Analysis Time..: 22:06		
Chromium	200	201	ug/L	101	SW846 6010B	09/19/07	J6W621AQ
			Dilution Factor: 1		Analysis Time..: 22:06		
Lead	500	478	ug/L	96	SW846 6010B	09/19/07	J6W621AR
			Dilution Factor: 1		Analysis Time..: 22:06		
Nickel	500	485	ug/L	97	SW846 6010B	09/19/07	J6W621AT
			Dilution Factor: 1		Analysis Time..: 22:06		
LCS Lot-Sample#: D7I170000-077 **Prep Batch #...:** 7260077							
Arsenic	40.0	40.3	ug/L	101	SW846 6020	09/19-09/21/07	J60671AJ
			Dilution Factor: 1		Analysis Time..: 05:12		
Cadmium	40.0	39.5	ug/L	99	SW846 6020	09/19-09/21/07	J60671AK
			Dilution Factor: 1		Analysis Time..: 05:12		
Antimony	40.0	40.7	ug/L	102	SW846 6020	09/19-09/21/07	J60671AL
			Dilution Factor: 1		Analysis Time..: 05:12		
Thallium	40.0	43.9	ug/L	110	SW846 6020	09/19-09/21/07	J60671AM
			Dilution Factor: 1		Analysis Time..: 05:12		
Copper	40.0	42.8	ug/L	107	SW846 6020	09/19-09/21/07	J60671AN
			Dilution Factor: 1		Analysis Time..: 05:12		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140215 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	40.0	38.7	ug/L	97	SW846 6020	09/19-09/21/07	J60671AP
			Dilution Factor: 1		Analysis Time..: 05:12		
Zinc	40.0	41.3	ug/L	103	SW846 6020	09/19-09/21/07	J60671AQ
			Dilution Factor: 1		Analysis Time..: 05:12		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I140215 **Matrix.....:** WATER
Date Sampled...: 09/13/07 11:15 **Date Received..:** 09/14/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I140215-001 **Prep Batch #...:** 7257597							
Barium	100	(85 - 120)			SW846 6010B	09/19/07	J6VK01AV
	102	(85 - 120)	1.4	(0-25)	SW846 6010B	09/19/07	J6VK01AW
		Dilution Factor: 1					
		Analysis Time..: 22:19					
Vanadium	97	(85 - 120)			SW846 6010B	09/19/07	J6VK01AX
	98	(85 - 120)	1.4	(0-25)	SW846 6010B	09/19/07	J6VK01A0
		Dilution Factor: 1					
		Analysis Time..: 22:19					
Beryllium	97	(79 - 121)			SW846 6010B	09/19/07	J6VK01A1
	98	(79 - 121)	0.85	(0-25)	SW846 6010B	09/19/07	J6VK01A2
		Dilution Factor: 1					
		Analysis Time..: 22:19					
Silver	85	(75 - 141)			SW846 6010B	09/19/07	J6VK01A3
	87	(75 - 141)	2.4	(0-25)	SW846 6010B	09/19/07	J6VK01A4
		Dilution Factor: 1					
		Analysis Time..: 22:19					
Cobalt	96	(82 - 119)			SW846 6010B	09/19/07	J6VK01A5
	97	(82 - 119)	1.3	(0-25)	SW846 6010B	09/19/07	J6VK01A6
		Dilution Factor: 1					
		Analysis Time..: 22:19					
Chromium	99	(73 - 135)			SW846 6010B	09/19/07	J6VK01A7
	100	(73 - 135)	1.4	(0-25)	SW846 6010B	09/19/07	J6VK01A8
		Dilution Factor: 1					
		Analysis Time..: 22:19					
Lead	92	(89 - 121)			SW846 6010B	09/19/07	J6VK01A9
	94	(89 - 121)	1.2	(0-25)	SW846 6010B	09/19/07	J6VK01CA
		Dilution Factor: 1					
		Analysis Time..: 22:19					
Nickel	95	(84 - 120)			SW846 6010B	09/19/07	J6VK01CC
	96	(84 - 120)	1.4	(0-25)	SW846 6010B	09/19/07	J6VK01CD
		Dilution Factor: 1					
		Analysis Time..: 22:19					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140215 **Matrix.....:** WATER
Date Sampled...: 09/13/07 11:15 **Date Received..:** 09/14/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I140215-001 **Prep Batch #...:** 7257597									
Barium									
	60	2000	2070	ug/L	100		SW846 6010B	09/19/07	J6VK01AV
	60	2000	2100	ug/L	102	1.4	SW846 6010B	09/19/07	J6VK01AW
			Dilution Factor: 1						
			Analysis Time..: 22:19						
Vanadium									
	ND	500	483	ug/L	97		SW846 6010B	09/19/07	J6VK01A
	ND	500	490	ug/L	98	1.4	SW846 6010B	09/19/07	J6VK01A0
			Dilution Factor: 1						
			Analysis Time..: 22:19						
Beryllium									
	ND	50.0	48.7	ug/L	97		SW846 6010B	09/19/07	J6VK01A
	ND	50.0	49.1	ug/L	98	0.85	SW846 6010B	09/19/07	J6VK01A
			Dilution Factor: 1						
			Analysis Time..: 22:19						
Silver									
	ND	50.0	42.6	ug/L	85		SW846 6010B	09/19/07	J6VK01A1
	ND	50.0	43.6	ug/L	87	2.4	SW846 6010B	09/19/07	J6VK01A
			Dilution Factor: 1						
			Analysis Time..: 22:19						
Cobalt									
	1.7	500	481	ug/L	96		SW846 6010B	09/19/07	J6VK01A5
	1.7	500	488	ug/L	97	1.3	SW846 6010B	09/19/07	J6VK01A
			Dilution Factor: 1						
			Analysis Time..: 22:19						
Chromium									
	ND	200	198	ug/L	99		SW846 6010B	09/19/07	J6VK01A
	ND	200	201	ug/L	100	1.4	SW846 6010B	09/19/07	J6VK01A8
			Dilution Factor: 1						
			Analysis Time..: 22:19						
Lead									
	ND	500	462	ug/L	92		SW846 6010B	09/19/07	J6VK01A
	ND	500	468	ug/L	94	1.2	SW846 6010B	09/19/07	J6VK01CA
			Dilution Factor: 1						
			Analysis Time..: 22:19						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140215 **Matrix.....:** WATER
Date Sampled...: 09/13/07 11:15 **Date Received..:** 09/14/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	ND	500	476	ug/L	95		SW846 6010B	09/19/07	J6VK01CC
	ND	500	483	ug/L	96	1.4	SW846 6010B	09/19/07	J6VK01CD

Dilution Factor: 1
Analysis Time..: 22:19

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I140215 **Matrix.....:** WATER
Date Sampled...: 09/13/07 10:15 **Date Received..:** 09/14/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I140215-002 **Prep Batch #...:** 7260077							
Arsenic	101	(89 - 111)			SW846 6020	09/19-09/21/07	J6VK21AV
	101	(89 - 111)	0.82	(0-20)	SW846 6020	09/19-09/21/07	J6VK21AW
		Dilution Factor: 1					
		Analysis Time..: 05:30					
Cadmium	100	(89 - 111)			SW846 6020	09/19-09/21/07	J6VK21AX
	100	(89 - 111)	0.47	(0-20)	SW846 6020	09/19-09/21/07	J6VK21A0
		Dilution Factor: 1					
		Analysis Time..: 05:30					
Antimony	104	(71 - 128)			SW846 6020	09/19-09/21/07	J6VK21A1
	105	(71 - 128)	1.3	(0-20)	SW846 6020	09/19-09/21/07	J6VK21A2
		Dilution Factor: 1					
		Analysis Time..: 05:30					
Thallium	109	(86 - 124)			SW846 6020	09/19-09/21/07	J6VK21A3
	110	(86 - 124)	1.1	(0-20)	SW846 6020	09/19-09/21/07	J6VK21A4
		Dilution Factor: 1					
		Analysis Time..: 05:30					
Copper	104	(90 - 117)			SW846 6020	09/19-09/21/07	J6VK21A5
	104	(90 - 117)	0.04	(0-20)	SW846 6020	09/19-09/21/07	J6VK21A6
		Dilution Factor: 1					
		Analysis Time..: 05:30					
Selenium	95	(82 - 114)			SW846 6020	09/19-09/21/07	J6VK21A7
	94	(82 - 114)	0.78	(0-20)	SW846 6020	09/19-09/21/07	J6VK21A8
		Dilution Factor: 1					
		Analysis Time..: 05:30					
Zinc	100	(88 - 118)			SW846 6020	09/19-09/21/07	J6VK21A9
	98	(88 - 118)	1.5	(0-20)	SW846 6020	09/19-09/21/07	J6VK21CA
		Dilution Factor: 1					
		Analysis Time..: 05:30					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140215 **Matrix.....:** WATER
Date Sampled...: 09/13/07 10:15 **Date Received..:** 09/14/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I140215-002 **Prep Batch #...:** 7260077									
Arsenic									
	0.27	40.0	40.5	ug/L	101		SW846 6020	09/19-09/21/07	J6VK21AV
	0.27	40.0	40.9	ug/L	101	0.82	SW846 6020	09/19-09/21/07	J6VK21AW
			Dilution Factor: 1						
			Analysis Time..: 05:30						
Cadmium									
	ND	40.0	39.9	ug/L	100		SW846 6020	09/19-09/21/07	J6VK21AX
	ND	40.0	40.1	ug/L	100	0.47	SW846 6020	09/19-09/21/07	J6VK21A0
			Dilution Factor: 1						
			Analysis Time..: 05:30						
Antimony									
	ND	40.0	41.4	ug/L	104		SW846 6020	09/19-09/21/07	J6VK21A1
	ND	40.0	42.0	ug/L	105	1.3	SW846 6020	09/19-09/21/07	J6VK21A2
			Dilution Factor: 1						
			Analysis Time..: 05:30						
Thallium									
	ND	40.0	43.6	ug/L	109		SW846 6020	09/19-09/21/07	J6VK21A3
	ND	40.0	44.1	ug/L	110	1.1	SW846 6020	09/19-09/21/07	J6VK21A4
			Dilution Factor: 1						
			Analysis Time..: 05:30						
Copper									
	0.78	40.0	42.5	ug/L	104		SW846 6020	09/19-09/21/07	J6VK21A5
	0.78	40.0	42.5	ug/L	104	0.04	SW846 6020	09/19-09/21/07	J6VK21A6
			Dilution Factor: 1						
			Analysis Time..: 05:30						
Selenium									
	ND	40.0	37.9	ug/L	95		SW846 6020	09/19-09/21/07	J6VK21A7
	ND	40.0	37.6	ug/L	94	0.78	SW846 6020	09/19-09/21/07	J6VK21A8
			Dilution Factor: 1						
			Analysis Time..: 05:30						
Zinc									
	4.8	40.0	44.6	ug/L	100		SW846 6020	09/19-09/21/07	J6VK21A9
	4.8	40.0	44.0	ug/L	98	1.5	SW846 6020	09/19-09/21/07	J6VK21CA
			Dilution Factor: 1						
			Analysis Time..: 05:30						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I140215 **Matrix.....:** WATER
Date Sampled...: 09/13/07 11:56 **Date Received..:** 09/14/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I140217-002 **Prep Batch #...:** 7260077							
Arsenic	99	(89 - 111)			SW846 6020	09/19-09/21/07	J6VLN1AV
	101	(89 - 111)	2.3	(0-20)	SW846 6020	09/19-09/21/07	J6VLN1AW
		Dilution Factor: 1					
		Analysis Time..: 06:04					
Cadmium	98	(89 - 111)			SW846 6020	09/19-09/21/07	J6VLN1AX
	99	(89 - 111)	0.55	(0-20)	SW846 6020	09/19-09/21/07	J6VLN1A0
		Dilution Factor: 1					
		Analysis Time..: 06:04					
Antimony	101	(71 - 128)			SW846 6020	09/19-09/21/07	J6VLN1A1
	103	(71 - 128)	2.0	(0-20)	SW846 6020	09/19-09/21/07	J6VLN1A2
		Dilution Factor: 1					
		Analysis Time..: 06:04					
Thallium	108	(86 - 124)			SW846 6020	09/19-09/21/07	J6VLN1A3
	109	(86 - 124)	1.1	(0-20)	SW846 6020	09/19-09/21/07	J6VLN1A4
		Dilution Factor: 1					
		Analysis Time..: 06:04					
Copper	106	(90 - 117)			SW846 6020	09/19-09/21/07	J6VLN1A5
	104	(90 - 117)	1.5	(0-20)	SW846 6020	09/19-09/21/07	J6VLN1A6
		Dilution Factor: 1					
		Analysis Time..: 06:04					
Selenium	91	(82 - 114)			SW846 6020	09/19-09/21/07	J6VLN1A7
	92	(82 - 114)	1.4	(0-20)	SW846 6020	09/19-09/21/07	J6VLN1A8
		Dilution Factor: 1					
		Analysis Time..: 06:04					
Zinc	98	(88 - 118)			SW846 6020	09/19-09/21/07	J6VLN1A9
	98	(88 - 118)	0.49	(0-20)	SW846 6020	09/19-09/21/07	J6VLN1CA
		Dilution Factor: 1					
		Analysis Time..: 06:04					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140215 **Matrix.....:** WATER
Date Sampled...: 09/13/07 11:56 **Date Received..:** 09/14/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I140217-002 **Prep Batch #...:** 7260077									
Arsenic									
	ND	40.0	39.5	ug/L	99		SW846 6020	09/19-09/21/07	J6VLN1AV
	ND	40.0	40.4	ug/L	101	2.3	SW846 6020	09/19-09/21/07	J6VLN1AW
			Dilution Factor: 1						
			Analysis Time..: 06:04						
Cadmium									
	0.049	40.0	39.3	ug/L	98		SW846 6020	09/19-09/21/07	J6VLN1AX
	0.049	40.0	39.5	ug/L	99	0.55	SW846 6020	09/19-09/21/07	J6VLN1A0
			Dilution Factor: 1						
			Analysis Time..: 06:04						
Antimony									
	ND	40.0	40.5	ug/L	101		SW846 6020	09/19-09/21/07	J6VLN1A1
	ND	40.0	41.3	ug/L	103	2.0	SW846 6020	09/19-09/21/07	J6VLN1A2
			Dilution Factor: 1						
			Analysis Time..: 06:04						
Thallium									
	ND	40.0	43.3	ug/L	108		SW846 6020	09/19-09/21/07	J6VLN1A3
	ND	40.0	43.8	ug/L	109	1.1	SW846 6020	09/19-09/21/07	J6VLN1A4
			Dilution Factor: 1						
			Analysis Time..: 06:04						
Copper									
	1.2	40.0	43.5	ug/L	106		SW846 6020	09/19-09/21/07	J6VLN1A5
	1.2	40.0	42.8	ug/L	104	1.5	SW846 6020	09/19-09/21/07	J6VLN1A6
			Dilution Factor: 1						
			Analysis Time..: 06:04						
Selenium									
	ND	40.0	36.2	ug/L	91		SW846 6020	09/19-09/21/07	J6VLN1A7
	ND	40.0	36.7	ug/L	92	1.4	SW846 6020	09/19-09/21/07	J6VLN1A8
			Dilution Factor: 1						
			Analysis Time..: 06:04						
Zinc									
	9.1	40.0	48.1	ug/L	98		SW846 6020	09/19-09/21/07	J6VLN1A9
	9.1	40.0	48.4	ug/L	98	0.49	SW846 6020	09/19-09/21/07	J6VLN1CA
			Dilution Factor: 1						
			Analysis Time..: 06:04						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

[redacted]

Chain of Custody Record

0.4°
2

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

53

STL-4124 (0901)

Client: WM	Project Manager: MARK SNYDER	Date: 9-13-07	Chain of Custody Number: 354752
Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 1
City / State / Zip Code	Site Contact	Lab Contact: Betty Sam	
Project Name and Location (State): Piedmont	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: 134 26744-D			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil		Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		Analysis (Attach list if more space is needed): Metals (tot)	VOA	Special Instructions/ Conditions of Receipt
S01	9-13	1115		X						1	3				1	3	
S02	9-13	1015		X						1	3				1	3	
S03	9-13	1040		X						1	3				1	3	
S04	9-13	1055		X						1	3				1	3	
S05	9-13	1030		X						1	3				1	3	
TRIP	9-13	—		X							X					X	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	1700	9-13-07	1. Received By	9-14-07	08:30
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: SD1 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: D7I140215-001

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
091307	—	—	—	—	—

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Purging Device: —

Sampling Device: X

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other: SAMPLE BOTTLES

Filter Device: Y or N — 0.45 µ or ____ µ (circle or fill in)

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC) (ft/msl)

Depth to Water (DTW) (from TOC) (ft)

Groundwater Elevation (site datum, from TOC) (ft/msl)

Total Well Depth (from TOC) (ft)

Stick Up (from ground elevation) (ft)

Casing ID (in)

Casing Material

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1115	NA	693	219	192	52	34	200	
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (µmhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
091307	693	219	192	52	34	200	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: NONE — Color: NONE — Other: NO Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM — Outlook: P.C. 70°F — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

LOCATED South of Well Cluster MW12/12D. GO EAST ALONG ~~E~~ N SIDE OF COUNTY L/F. THEN TURN RT AND GO SOUTH ALONG SIDE OF COUNTY L/F. THE ROAD SLOWLY BENDS BACK NW. SEE TWO COUNTY WELLS PAINTED RED. TAKE SAMPLE @ 15 ft. CULVERT PIPE UNDER ROAD.

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/07	DAN ARMOUR	[signature]	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM H: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: 502 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: 602

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
091307	—	—	—	—	—

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: —
A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: X

X-Other: SAMPLE BOTTLE

Filter Device: Y or (N) 0.45 µ or ____ µ (circle or fill in)

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): — (ft/msl)

Depth to Water (DTW) (from TOC): — (ft)

Groundwater Elevation (site datum, from TOC): — (ft/msl)

Total Well Depth (from TOC): — (ft)

Stick Up (from ground elevation): — (ft)

Casing ID: — (in)

Casing Material: —

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1015	NA	1st 703	1st 172	189	32	43	1230	
		2nd	2nd					
		3rd	3rd					
		4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
091307	703	172	189			1230	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: P.C. 70°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

FROM PIEDMONT, GO WEST ON FREEMAN RD. PASS THE BACK GATE, ROAD WILL CURVE RIGHT THEN LEFT, SEE CULVER @ MID POINT OF LEFT CURVE, COLLECTED SAMPLE ON UPSTREAM SIDE OF CULVERT

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/04	DAN ARMOUR		PRO TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: S03 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: -003

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
09 13 07	—	—	—	—	—

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or ____ µ (circle or fill in)

Purging Device: —
A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: X

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

X-Other: SAMPLE BOTTLES

WELL DATA

Well Elevation (at TOC) ____ (ft/msl)

Depth to Water (DTW) (from TOC) ____ (ft)

Groundwater Elevation (site datum, from TOC) ____ (ft/msl)

Total Well Depth (from TOC) ____ (ft)

Stick Up (from ground elevation) ____ (ft)

Casing ID ____ (in)

Casing Material ____

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1040	NA 1st	7.62 1st	112 1st	18.4	43	4.2	103.0	
	2nd	2nd	2nd					
	3rd	3rd	3rd					
	4th	4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
09 13 07	7.62	112	18.4	43	4.2		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: P.C. 70°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FROM PINEY GROVE RD, TAKE FREEMAN RD PAST FRONT ENTRANCE TO PIEDMONT. GO LEFT ON WATER OAK RD. THIS ROAD MAKES A SHARP RIGHT TURN, SHORTLY AFTER SEE CULVERT PIPE. COLLECTED SAMPLE ON UPSTREAM SIDE OF PIPE.

I certify that sampling procedures were in accordance with applicable EPA, State and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/07	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: 504 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: -004

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
091307	—	—	—	—	—

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or ____ µ (circle or fill in)

Purging Device: —
A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: X

X-Other: SAMPLE BOTTLES

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)

Total Well Depth (from TOC) (ft)	Stick Up (from ground elevation) (ft)	Casing ID (in)	Casing Material

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1055	NA	1st 776	1st 114	190	31	31	1200	
		2nd	2nd					
		3rd	3rd					
		4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
091307	776	114	190	31	31	1200	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: P.C. 70°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

FOLLOW WATER OAK RD TO HAPPY HILL RD. GO LEFT (WEST) AND FOLLOW HAPPY HILL TO THE COUNTY LINE. CROSS COUNTY LINE (~1.0 MILE) AND SEE CULVERT PIPE. TAKE SAMPLE UPSTREAM SIDE OF PIPE.

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/07	DAN ARMOUR	[signature]	Pro-Tech

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: S05 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: -005

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
09 13 07					

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device —
A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device X

X-Other: SAMPLE BOTTLES

Filter Device: Y or (N) 0.45 µ or ____ µ (circle or fill in)

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC) ____ (ft/msl)

Depth to Water (DTW) (from TOC) ____ (ft)

Groundwater Elevation (site datum, from TOC) ____ (ft/msl)

Total Well Depth (from TOC) ____ (ft)

Stick Up (from ground elevation) ____ (ft)

Casing ID ____ (in)

Casing Material ____

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1030	NA 1st	6.97 1st	189 1st	18.4	41	3.8	800	
	2nd	2nd	2nd					
	3rd	3rd	3rd					
	4th	4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
09 13 07	6.97	189	18.4	41	3.8		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: LAVM Outlook: P.C. 70°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

SAMPLE POINT LOCATED IN STREAM JUST SOUTH OF MONITORING WELL CLUSTER MW12 | MW12D

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/07	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

APPENDIX 1 – PART 3

LABORATORY ANALYTICAL RESULTS

Assessment Monitoring Well
(MW-98)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Project No. Site 134

Piedmont Landfill

Lot #: D7I130170

3406-MW09R

Mark Snyder

Waste Management Inc.
Southern Area
2859 Paces Ferry Road Suite 1600
Atlanta, GA 30339

Cc: Van Burbach

TestAmerica Denver
North Carolina Certification # 358

Betsy Sara
Project Manager

October 15, 2007

RECEIVED OCT 16 2007

Table Of Contents

Standard Deliverables

Report Contents	Total Number of Pages
Standard Deliverables *The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	99

- **Table of Contents**
- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **Chain-of-Custody**

Case Narrative

Enclosed is the report for two samples received at TestAmerica Denver on September 13, 2007. The results included in this report have been reviewed for compliance with TestAmerica's Laboratory Quality Manual. The test results shown in this report meet all requirements of NELAC and any exceptions are noted below. TestAmerica Denver is NELAP approved for all parameters reported. TestAmerica's North Carolina certification number is 358.

The reporting limits (RLs) in this report are North Carolina SWSLs.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Quality Control Summary for Lots D7I130170

Sample Receiving

The cooler temperature upon receipt at the Denver laboratory was 3.8°C.

All sample bottles were received in acceptable condition.

Holding Times

All holding times were within established control limits.

Method Blanks

Total Iron Method 6010B, Total Zinc, Total Copper Method 6020 and Total Alkalinity Method 310.1 were detected in the Method Blanks below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits. The Method Blank data are included at the end of this report.

All other Method Blanks were within established control limits.

Laboratory Control Samples (LCS)

All Laboratory Control Samples were within established control limits.

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

Sample 3406-S01 (D7I140215-001) was selected to fulfill the laboratory batch quality control requirements for Method 8260B. Analysis of the laboratory generated MS/MSD for this sample provided an MSD recovery of Methylene Chloride above the upper control limit indicating the possible presence of a matrix interference.

The method required MS/MSD could not be performed for Method 8082 due to insufficient sample volume. Because the Method Blank and LCS met QC criteria, no corrective action was taken.

The percent recoveries and/or the relative percent difference of the MS/MSD performed on sample 3406-MW09R were not calculated for Total Manganese during Method 6010B analysis because the sample concentration was greater than four times the spike amount.

The Matrix Spike and Matrix Spike Duplicate performed on a sample from another client exhibited MS and MSD recoveries outside control limits for Total Mercury Method 7470A. Because the corresponding Laboratory Control Sample and the Method Blank sample were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

All other MS/MSD samples were within established control limits.

Organics

The results for 3-Methylphenol and 4-Methylphenol Method 8270C were reported as only 4-Methylphenol because these compounds co-elute. The sample 3406-MW09R was non-detect for 3-Methylphenol and 4-Methylphenol.

Inorganics

The bracketing Continuing Calibration Verification Samples (CCV) were above control limits for Total Sodium during Method 6010B analysis. Because the associated sample 3406-MW09R exhibited a detection of Total Sodium greater than ten times the result of the CCV value, corrective action was deemed unnecessary.

The bracketing Continuing Calibration Verification Samples (CCV) were above control limits for Total Barium during Method 6010B analysis. Because the data are considered to be biased high and the target analyte Total Barium was not detected in the associated sample 3406-MW09R, corrective action was deemed unnecessary.

General Comments

The analyses for Method 8270C (partial), Method 8081 and Method 8151A were performed at TestAmerica's Chicago facility.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60466
Tel: 708-534-5200

Lot #: D7I130170

The analysis for Method 8270C (partial) was performed at Environmental Conservation Laboratories, Inc.
ENCO
102-A Woodwinds Industrial Court
Cary, NC 27511
Tel: 919-467-3090

EXECUTIVE SUMMARY - Detection Highlights

D7I130170

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
3406-MW09R 09/12/07 18:16 001				
Zinc	13 J	10	ug/L	SW846 6020
Arsenic	0.33 B	10	ug/L	SW846 6020
Cadmium	0.18 B	1.0	ug/L	SW846 6020
Copper	3.4 B,J	10	ug/L	SW846 6020
Vanadium	3.3 B	25	ug/L	SW846 6010B
Barium	26 B	100	ug/L	SW846 6010B
Potassium	3000	3000	ug/L	SW846 6010B
Magnesium	26000	200	ug/L	SW846 6010B
Calcium	67000	200	ug/L	SW846 6010B
Iron	1000 J	100	ug/L	SW846 6010B
Cobalt	6.0 B	10	ug/L	SW846 6010B
Manganese	2200	10	ug/L	SW846 6010B
Sodium	19000	1000	ug/L	SW846 6010B
Benzene	0.30 J	1.0	ug/L	SW846 8260B
Chloroethane	1.2 J	10	ug/L	SW846 8260B
1,4-Dichlorobenzene	0.88 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	12	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	5.1	5.0	ug/L	SW846 8260B
1,2-Dichloropropane	0.17 J	1.0	ug/L	SW846 8260B
Trichloroethene	0.74 J	1.0	ug/L	SW846 8260B
Vinyl chloride	0.38 J	1.0	ug/L	SW846 8260B
Total Dissolved Solids	340	10	mg/L	MCAWW 160.1
Nitrate	0.097 B	0.50	mg/L	MCAWW 353.2
Chloride	11	0.30	mg/L	MCAWW 300.0A
Total Organic Carbon	0.58 B	1.0	mg/L	MCAWW 415.1
Total Cyanide	0.0077 B	0.010	mg/L	MCAWW 335.4
Sulfate	4.7 B	5.0	mg/L	MCAWW 375.4
Bicarbonate, as CaCO3	280	5.0	mg/L	MCAWW 310.1
Total Alkalinity	280 J	5.0	mg/L	MCAWW 310.1
Ammonia as N	0.073	0.040	mg/L	MCAWW 350.1

PREPARATION METHODS SUMMARY

D7I130170

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Acid Digestion for Total Metals by ICPMS	SW846 3020A	SW846 6020
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
Ammonia preparation	MCAWW 350.1	MCAWW 350.1
Bicarbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Carbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Chloride	MCAWW 300.0A	MCAWW 300.0A
Distillation procedure	MCAWW 335.4	MCAWW 335.4
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Mercury Sample Preparation	SW846 7470A	SW846 7470A
Potentiometric titration to preselected pH	MCAWW 310.1	MCAWW 310.1
Result obtained by calculation	MCAWW 353.2	MCAWW 353.2
Sep Funnel Extraction with Acid Strip	SW846 3510C	SW846 8082
Sulfate	MCAWW 375.4	MCAWW 375.4
Sulfide, no preparation	MCAWW 376.2	MCAWW 376.2
Total Organic Carbon	MCAWW 415.1	MCAWW 415.1
25 mL Purge-and-Trap	SW846 5030B/826	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

ANALYTICAL METHODS SUMMARY

D7I130170

PARAMETER	ANALYTICAL METHOD
Alkalinity	MCAWW 310.1
Bicarbonate Alkalinity	MCAWW 310.1
Carbonate Alkalinity	MCAWW 310.1
Chloride	MCAWW 300.0A
Filterable Residue (TDS)	MCAWW 160.1
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Nitrate	MCAWW 353.2
Nitrogen, Ammonia	MCAWW 350.1
PCBs by SW-846 8082	SW846 8082
Sulfate	MCAWW 375.4
Sulfide (Colorimetric,MB)	MCAWW 376.2
Total Cyanide	MCAWW 335.4
Total Organic Carbon	MCAWW 415.1
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D7I130170

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 160.1	ReAnna Davis	002266
MCAWW 300.0A	Ewa Kudla	001167
MCAWW 300.0A	Ewa Kudla	1167
MCAWW 310.1	Elizabeth Pryor	009450
MCAWW 335.4	Eva Jonska-Muteba	004988
MCAWW 350.1	Kevin Bloom	006134
MCAWW 353.2	Kevin Bloom	006134
MCAWW 375.4	Kim Bertha	007985
MCAWW 376.2	Kim Bertha	007985
MCAWW 415.1	Daniel Natan	001552
SW846 6010B	Lynn-Anne Trudell	6645
SW846 6020	Janel Motichka	2862
SW846 7470A	David Wells	5099
SW846 8082	Teresa L. Williams	002510
SW846 8260B	Jennifer Hazard	007928

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D7I130170

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J6P4Q	001	3406-MW09R	09/12/07	18:16
J6P40	002	TRIP	09/12/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Waste Management, Inc.

Client Sample ID: 3406-MW09R

GC/MS Volatiles

Lot-Sample #...: D7I130170-001 **Work Order #...:** J6P4Q1AA **Matrix.....:** WATER
Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07
Prep Date.....: 09/24/07 **Analysis Date..:** 09/25/07
Prep Batch #...: 7268574 **Analysis Time..:** 00:59
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	100	ug/L	1.9
Acetonitrile	ND	55	ug/L	9.6
Acrolein	ND	53	ug/L	2.8
Acrylonitrile	ND	200	ug/L	1.4
Benzene	**0.30 J**	**1.0**	**ug/L**	**0.16**
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
2-Butanone (MEK)	ND	100	ug/L	1.8
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Chloroprene	ND	20	ug/L	0.14
Dibromochloromethane	ND	3.0	ug/L	0.17
Chloroethane	**1.2 J**	**10**	**ug/L**	**0.41**
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Allyl chloride	ND	10	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,3-Dichlorobenzene	ND	5.0	ug/L	0.16
1,4-Dichlorobenzene	**0.88 J**	**1.0**	**ug/L**	**0.16**
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
Dichlorodifluoromethane	ND	5.0	ug/L	0.31
1,1-Dichloroethane	**12**	**5.0**	**ug/L**	**0.16**
1,2-Dichloroethane	ND	1.0	ug/L	0.13
cis-1,2-Dichloroethene	**5.1**	**5.0**	**ug/L**	**0.15**
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,1-Dichloroethene	ND	5.0	ug/L	0.14
1,2-Dichloropropane	**0.17 J**	**1.0**	**ug/L**	**0.13**
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	15	ug/L	0.20
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 3406-MW09R

GC/MS Volatiles

Lot-Sample #...: D7I130170-001 **Work Order #...:** J6P4Q1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
1,1-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	1.0	ug/L	0.16
Ethyl methacrylate	ND	10	ug/L	0.86
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Isobutyl alcohol	ND	100	ug/L	15
Methacrylonitrile	ND	100	ug/L	1.6
Methylene chloride	ND	1.0	ug/L	0.32
Methyl methacrylate	ND	30	ug/L	1.1
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Propionitrile	ND	150	ug/L	3.7
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	**0.74 J**	**1.0**	**ug/L**	**0.16**
Trichlorofluoromethane	ND	1.0	ug/L	0.40
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	**0.38 J**	**1.0**	**ug/L**	**0.17**
Xylenes (total)	ND	5.0	ug/L	0.19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	117	(79 - 119)
1,2-Dichloroethane-d4	118	(65 - 126)
4-Bromofluorobenzene	110	(75 - 115)
Toluene-d8	107	(78 - 118)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: TRIP

GC/MS Volatiles

Lot-Sample #...: D7I130170-002 **Work Order #...:** J6P401AA **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07
Prep Date.....: 09/24/07 **Analysis Date..:** 09/25/07
Prep Batch #...: 7268574 **Analysis Time..:** 01:17
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	100	ug/L	1.9
Acetonitrile	ND	55	ug/L	9.6
Acrolein	ND	53	ug/L	2.8
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	1.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
2-Butanone (MEK)	ND	100	ug/L	1.8
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Chloroprene	ND	20	ug/L	0.14
Dibromochloromethane	ND	3.0	ug/L	0.17
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.26
Allyl chloride	ND	10	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	0.39
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,3-Dichlorobenzene	ND	5.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
Dichlorodifluoromethane	ND	5.0	ug/L	0.31
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,1-Dichloroethene	ND	5.0	ug/L	0.14
1,2-Dichloropropane	ND	1.0	ug/L	0.13
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	15	ug/L	0.20
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16

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Waste Management, Inc.

Client Sample ID: TRIP

GC/MS Volatiles

Lot-Sample #...: D7I130170-002 **Work Order #...:** J6P401AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
1,1-Dichloropropene	ND	5.0	ug/L	0.15
Ethylbenzene	ND	1.0	ug/L	0.16
Ethyl methacrylate	ND	10	ug/L	0.86
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Isobutyl alcohol	ND	100	ug/L	15
Methacrylonitrile	ND	100	ug/L	1.6
Methylene chloride	ND	1.0	ug/L	0.32
Methyl methacrylate	ND	30	ug/L	1.1
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Propionitrile	ND	150	ug/L	3.7
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	1.0	ug/L	0.40
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	5.0	ug/L	0.19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(79 - 119)
1,2-Dichloroethane-d4	112	(65 - 126)
4-Bromofluorobenzene	108	(75 - 115)
Toluene-d8	109	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW09R

GC Semivolatiles

Lot-Sample #...: D7I130170-001 **Work Order #...:** J6P4Q1D9 **Matrix.....:** WATER
Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07
Prep Date.....: 09/18/07 **Analysis Date..:** 09/21/07
Prep Batch #...: 7261496 **Analysis Time..:** 18:44
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	2.0	ug/L	0.12
Aroclor 1221	ND	2.0	ug/L	0.21
Aroclor 1232	ND	2.0	ug/L	0.17
Aroclor 1242	ND	2.0	ug/L	0.10
Aroclor 1248	ND	2.0	ug/L	0.092
Aroclor 1254	ND	2.0	ug/L	0.11
Aroclor 1260	ND	2.0	ug/L	0.16

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(51 - 122)
Decachlorobiphenyl	80	(41 - 138)

Waste Management, Inc.

Client Sample ID: 3406-MW09R

TOTAL Metals

Lot-Sample #...: D7I130170-001 **Matrix.....:** WATER
Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257596						
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6P4Q1AJ
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 7.8	
Vanadium	**3.3 B**	**25**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6P4Q1AK**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 2.5	
Barium	**26 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6P4Q1AL**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 1.0	
Chromium	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6P4Q1AM
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 2.6	
Potassium	**3000**	**3000**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6P4Q1A1**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 240	
Magnesium	**26000**	**200**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6P4Q1A2**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 43	
Calcium	**67000**	**200**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6P4Q1A3**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 34	
Iron	**1000 J**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6P4Q1A4**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 22	
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6P4Q1A5
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 0.47	
Tin	ND	100	ug/L	SW846 6010B	09/19-09/20/07	J6P4Q1A6
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 5.8	
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6P4Q1A8
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 2.6	
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6P4Q1A9
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 2.8	
Cobalt	**6.0 B**	**10**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6P4Q1CA**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 1.2	

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Waste Management, Inc.

Client Sample ID: 3406-MW09R

TOTAL Metals

Lot-Sample #...: D7I130170-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**2200**	**10**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6P4Q1CD**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 1.8	
Sodium	**19000**	**1000**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6P4Q1CE**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 92	
Prep Batch #...: 7260079						
Zinc	**13 J**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6P4Q1AC**
		Dilution Factor: 1		Analysis Time..: 00:02	MDL.....: 2.0	
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/21/07	J6P4Q1AD
		Dilution Factor: 1		Analysis Time..: 00:02	MDL.....: 0.020	
Arsenic	**0.33 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6P4Q1AE**
		Dilution Factor: 1		Analysis Time..: 00:02	MDL.....: 0.21	
Cadmium	**0.18 B**	**1.0**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6P4Q1AF**
		Dilution Factor: 1		Analysis Time..: 00:02	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/21/07	J6P4Q1AG
		Dilution Factor: 1		Analysis Time..: 00:02	MDL.....: 0.070	
Copper	**3.4 B,J**	**10**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6P4Q1A7**
		Dilution Factor: 1		Analysis Time..: 00:02	MDL.....: 0.56	
Selenium	ND	10	ug/L	SW846 6020	09/19-09/21/07	J6P4Q1CC
		Dilution Factor: 1		Analysis Time..: 00:02	MDL.....: 0.70	
Prep Batch #...: 7262396						
Mercury	ND	0.20	ug/L	SW846 7470A	09/21/07	J6P4Q1A0
		Dilution Factor: 1		Analysis Time..: 21:27	MDL.....: 0.027	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Waste Management, Inc.

Client Sample ID: 3406-MW09R

General Chemistry

Lot-Sample #...: D7I130170-001 Work Order #...: J6P4Q Matrix.....: WATER
Date Sampled...: 09/12/07 18:16 Date Received..: 09/13/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	0.073	0.040	mg/L	MCAWW 350.1	09/18/07	7261489
		Dilution Factor: 1		Analysis Time..: 09:26	MDL.....: 0.022	
Bicarbonate, as CaCO 3	280	5.0	mg/L	MCAWW 310.1	09/16/07	7259042
		Dilution Factor: 1		Analysis Time..: 08:00	MDL.....: 1.1	
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310.1	09/16/07	7259043
		Dilution Factor: 1		Analysis Time..: 08:00	MDL.....: 1.1	
Chloride	11	0.30	mg/L	MCAWW 300.0A	09/19-09/20/07	7263578
		Dilution Factor: 1		Analysis Time..: 09:24	MDL.....: 0.25	
Nitrate	0.097 B	0.50	mg/L	MCAWW 353.2	09/13/07	7261506
		Dilution Factor: 1		Analysis Time..: 14:25	MDL.....: 0.019	
Sulfate	4.7 B	5.0	mg/L	MCAWW 375.4	09/19/07	7262437
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 2.5	
Total Alkalinity	280 J	5.0	mg/L	MCAWW 310.1	09/16/07	7259041
		Dilution Factor: 1		Analysis Time..: 08:00	MDL.....: 1.1	
Total Cyanide	0.0077 B	0.010	mg/L	MCAWW 335.4	09/18-09/19/07	7261525
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 0.0024	
Total Dissolved Solids	340	10	mg/L	MCAWW 160.1	09/17/07	7260494
		Dilution Factor: 1		Analysis Time..: 16:40	MDL.....: 4.7	
Total Organic Carbon	0.58 B	1.0	mg/L	MCAWW 415.1	09/20/07	7264313
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....: 0.16	
Total Sulfide	ND	1.0	mg/L	MCAWW 376.2	09/18/07	7261359
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....: 0.0071	

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

QC DATA ASSOCIATION SUMMARY

D7I130170

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	MCAWW 160.1		7260494	7263306
	WATER	MCAWW 310.1		7259043	
	WATER	MCAWW 353.2		7261506	
	WATER	MCAWW 300.0A		7263578	7263327
	WATER	MCAWW 415.1		7264313	7264216
	WATER	SW846 6020		7260079	7260061
	WATER	MCAWW 335.4		7261525	7261351
	WATER	SW846 7470A		7262396	7262229
	WATER	SW846 8082		7261496	
	WATER	SW846 8260B		7268574	7268348
	WATER	SW846 6010B		7257596	7257366
	WATER	MCAWW 376.2		7261359	7261184
	WATER	MCAWW 375.4		7262437	7262250
	WATER	MCAWW 310.1		7259042	
	WATER	MCAWW 310.1		7259041	7259019
	WATER	MCAWW 350.1		7261489	7262087
002	WATER	SW846 8260B		7268574	7268348

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7I130170 **Work Order #...:** J7MKJ1AA **Matrix.....:** WATER
MB Lot-Sample #: D7I250000-574
Prep Date.....: 09/24/07 **Analysis Time..:** 22:28
Analysis Date..: 09/24/07 **Prep Batch #...:** 7268574
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	100	ug/L	SW846 8260B
Acetonitrile	ND	55	ug/L	SW846 8260B
Acrolein	ND	53	ug/L	SW846 8260B
Acrylonitrile	ND	200	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	3.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	3.0	ug/L	SW846 8260B
Bromomethane	ND	10	ug/L	SW846 8260B
2-Butanone (MEK)	ND	100	ug/L	SW846 8260B
Carbon disulfide	ND	100	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	3.0	ug/L	SW846 8260B
Chloroprene	ND	20	ug/L	SW846 8260B
Dibromochloromethane	ND	3.0	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Allyl chloride	ND	10	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	100	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	15	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7I130170 **Work Order #...:** J7MKJ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Ethyl methacrylate	ND	10	ug/L	SW846 8260B
2-Hexanone	ND	50	ug/L	SW846 8260B
Iodomethane	ND	10	ug/L	SW846 8260B
Isobutyl alcohol	ND	100	ug/L	SW846 8260B
Methacrylonitrile	ND	100	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methyl methacrylate	ND	30	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	100	ug/L	SW846 8260B
Propionitrile	ND	150	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	50	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(79 - 119)
1,2-Dichloroethane-d4	110	(65 - 126)
4-Bromofluorobenzene	107	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I130170 **Work Order #...:** J7MKJ1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7I250000-574
Prep Date.....: 09/24/07 **Analysis Date..:** 09/24/07
Prep Batch #...: 7268574 **Analysis Time..:** 21:51
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**90**	**(77 - 118)**	**SW846 8260B**
Bromodichloromethane	**101**	**(78 - 118)**	**SW846 8260B**
Carbon tetrachloride	**106**	**(80 - 120)**	**SW846 8260B**
Chlorobenzene	**93**	**(78 - 118)**	**SW846 8260B**
Chloroform	**100**	**(78 - 118)**	**SW846 8260B**
1,3-Dichlorobenzene	**93**	**(75 - 115)**	**SW846 8260B**
1,1-Dichloroethane	**92**	**(77 - 117)**	**SW846 8260B**
trans-1,2-Dichloroethene	**88**	**(80 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**92**	**(68 - 133)**	**SW846 8260B**
1,2-Dichloropropane	**92**	**(76 - 116)**	**SW846 8260B**
Ethylbenzene	**90**	**(78 - 118)**	**SW846 8260B**
Methylene chloride	**107**	**(71 - 119)**	**SW846 8260B**
Tetrachloroethene	**93**	**(77 - 117)**	**SW846 8260B**
Toluene	**91**	**(73 - 120)**	**SW846 8260B**
1,1,1-Trichloroethane	**100**	**(78 - 118)**	**SW846 8260B**
Trichloroethene	**99**	**(78 - 122)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(79 - 119)
1,2-Dichloroethane-d4	107	(65 - 126)
4-Bromofluorobenzene	112	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I130170 Work Order #...: J7MKJ1AC Matrix.....: WATER
LCS Lot-Sample#: D7I250000-574
Prep Date.....: 09/24/07 Analysis Date..: 09/24/07
Prep Batch #...: 7268574 Analysis Time..: 21:51
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10.0**	**9.05**	**ug/L**	**90**	**SW846 8260B**
Bromodichloromethane	**10.0**	**10.1**	**ug/L**	**101**	**SW846 8260B**
Carbon tetrachloride	**10.0**	**10.6**	**ug/L**	**106**	**SW846 8260B**
Chlorobenzene	**10.0**	**9.28**	**ug/L**	**93**	**SW846 8260B**
Chloroform	**10.0**	**10.0**	**ug/L**	**100**	**SW846 8260B**
1,3-Dichlorobenzene	**10.0**	**9.29**	**ug/L**	**93**	**SW846 8260B**
1,1-Dichloroethane	**10.0**	**9.18**	**ug/L**	**92**	**SW846 8260B**
trans-1,2-Dichloroethene	**10.0**	**8.81**	**ug/L**	**88**	**SW846 8260B**
1,1-Dichloroethene	**10.0**	**9.22**	**ug/L**	**92**	**SW846 8260B**
1,2-Dichloropropane	**10.0**	**9.20**	**ug/L**	**92**	**SW846 8260B**
Ethylbenzene	**10.0**	**9.05**	**ug/L**	**90**	**SW846 8260B**
Methylene chloride	**10.0**	**10.7**	**ug/L**	**107**	**SW846 8260B**
Tetrachloroethene	**10.0**	**9.28**	**ug/L**	**93**	**SW846 8260B**
Toluene	**10.0**	**9.06**	**ug/L**	**91**	**SW846 8260B**
1,1,1-Trichloroethane	**10.0**	**10.0**	**ug/L**	**100**	**SW846 8260B**
Trichloroethene	**10.0**	**9.91**	**ug/L**	**99**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(79 - 119)
1,2-Dichloroethane-d4	107	(65 - 126)
4-Bromofluorobenzene	112	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I130170 **Work Order #...:** J6VK01CE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7I140215-001 J6VK01CF-MSD
Date Sampled...: 09/13/07 11:15 **Date Received..:** 09/14/07
Prep Date.....: 09/24/07 **Analysis Date..:** 09/25/07
Prep Batch #...: 7268574 **Analysis Time..:** 01:54
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	94	(77 - 118)			SW846 8260B
	94	(77 - 118)	0.62	(0-20)	SW846 8260B
Bromodichloromethane	103	(78 - 118)			SW846 8260B
	103	(78 - 118)	0.64	(0-20)	SW846 8260B
Carbon tetrachloride	109	(80 - 120)			SW846 8260B
	110	(80 - 120)	0.45	(0-21)	SW846 8260B
Chlorobenzene	96	(78 - 118)			SW846 8260B
	94	(78 - 118)	2.3	(0-20)	SW846 8260B
Chloroform	104	(78 - 118)			SW846 8260B
	104	(78 - 118)	0.08	(0-20)	SW846 8260B
1,3-Dichlorobenzene	94	(75 - 115)			SW846 8260B
	94	(75 - 115)	0.03	(0-20)	SW846 8260B
1,1-Dichloroethane	96	(77 - 117)			SW846 8260B
	96	(77 - 117)	0.50	(0-21)	SW846 8260B
trans-1,2-Dichloroethene	89	(80 - 120)			SW846 8260B
	89	(80 - 120)	0.47	(0-24)	SW846 8260B
1,1-Dichloroethene	94	(68 - 133)			SW846 8260B
	92	(68 - 133)	2.2	(0-20)	SW846 8260B
1,2-Dichloropropane	97	(76 - 116)			SW846 8260B
	97	(76 - 116)	0.43	(0-20)	SW846 8260B
Ethylbenzene	95	(78 - 118)			SW846 8260B
	93	(78 - 118)	2.2	(0-26)	SW846 8260B
Methylene chloride	110	(71 - 119)			SW846 8260B
	127 a	(71 - 119)	15	(0-20)	SW846 8260B
Tetrachloroethene	93	(77 - 117)			SW846 8260B
	93	(77 - 117)	0.39	(0-20)	SW846 8260B
Toluene	93	(73 - 120)			SW846 8260B
	93	(73 - 120)	0.17	(0-20)	SW846 8260B
1,1,1-Trichloroethane	105	(78 - 118)			SW846 8260B
	105	(78 - 118)	0.44	(0-20)	SW846 8260B
Trichloroethene	99	(78 - 122)			SW846 8260B
	99	(78 - 122)	0.31	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(79 - 119)
	113	(79 - 119)
1,2-Dichloroethane-d4	106	(65 - 126)
	106	(65 - 126)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I130170 **Work Order #...:** J6VK01CE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7I140215-001 J6VK01CF-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	114	(75 - 115)
	111	(75 - 115)
Toluene-d8	107	(78 - 118)
	108	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I130170 Work Order #...: J6VK01CE-MS Matrix.....: WATER
MS Lot-Sample #: D7I140215-001 J6VK01CF-MSD
Date Sampled...: 09/13/07 11:15 Date Received..: 09/14/07
Prep Date.....: 09/24/07 Analysis Date..: 09/25/07
Prep Batch #...: 7268574 Analysis Time..: 01:54
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	ND	10.0	9.42	ug/L	94		SW846 8260B
	ND	10.0	9.36	ug/L	94	0.62	SW846 8260B
Bromodichloromethane	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.3	ug/L	103	0.64	SW846 8260B
Carbon tetrachloride	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	11.0	ug/L	110	0.45	SW846 8260B
Chlorobenzene	ND	10.0	9.64	ug/L	96		SW846 8260B
	ND	10.0	9.42	ug/L	94	2.3	SW846 8260B
Chloroform	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.4	ug/L	104	0.08	SW846 8260B
1,3-Dichlorobenzene	ND	10.0	9.38	ug/L	94		SW846 8260B
	ND	10.0	9.38	ug/L	94	0.03	SW846 8260B
1,1-Dichloroethane	0.42	10.0	10.1	ug/L	96		SW846 8260B
	0.42	10.0	10.0	ug/L	96	0.50	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	8.93	ug/L	89		SW846 8260B
	ND	10.0	8.88	ug/L	89	0.47	SW846 8260B
1,1-Dichloroethene	ND	10.0	9.37	ug/L	94		SW846 8260B
	ND	10.0	9.17	ug/L	92	2.2	SW846 8260B
1,2-Dichloropropane	ND	10.0	9.73	ug/L	97		SW846 8260B
	ND	10.0	9.69	ug/L	97	0.43	SW846 8260B
Ethylbenzene	ND	10.0	9.55	ug/L	95		SW846 8260B
	ND	10.0	9.34	ug/L	93	2.2	SW846 8260B
Methylene chloride	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	12.7	ug/L	127 a	15	SW846 8260B
Tetrachloroethene	ND	10.0	9.26	ug/L	93		SW846 8260B
	ND	10.0	9.30	ug/L	93	0.39	SW846 8260B
Toluene	ND	10.0	9.29	ug/L	93		SW846 8260B
	ND	10.0	9.27	ug/L	93	0.17	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	10.5	ug/L	105	0.44	SW846 8260B
Trichloroethene	ND	10.0	9.90	ug/L	99		SW846 8260B
	ND	10.0	9.87	ug/L	99	0.31	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(79 - 119)
	113	(79 - 119)
1,2-Dichloroethane-d4	106	(65 - 126)
	106	(65 - 126)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I130170 **Work Order #...:** J6VK01CE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7I140215-001 J6VK01CF-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	114	(75 - 115)
	111	(75 - 115)
Toluene-d8	107	(78 - 118)
	108	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7I130170
MB Lot-Sample #: D7I180000-496
Work Order #...: J644N1AA
Matrix.....: WATER
Prep Date.....: 09/18/07
Analysis Time..: 18:11
Analysis Date..: 09/21/07
Prep Batch #...: 7261496
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	2.0	ug/L	SW846 8082
Aroclor 1221	ND	2.0	ug/L	SW846 8082
Aroclor 1232	ND	2.0	ug/L	SW846 8082
Aroclor 1242	ND	2.0	ug/L	SW846 8082
Aroclor 1248	ND	2.0	ug/L	SW846 8082
Aroclor 1254	ND	2.0	ug/L	SW846 8082
Aroclor 1260	ND	2.0	ug/L	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(51 - 122)
Decachlorobiphenyl	91	(41 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7I130170 **Work Order #...:** J644N1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7I180000-496
Prep Date.....: 09/18/07 **Analysis Date..:** 09/21/07
Prep Batch #...: 7261496 **Analysis Time..:** 18:27
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**111**	**(61 - 125)**	**SW846 8082**
Aroclor 1260	**112**	**(63 - 129)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	93	(41 - 117)
Decachlorobiphenyl	89	(29 - 143)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7I130170 **Work Order #...:** J644N1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7I180000-496
Prep Date.....: 09/18/07 **Analysis Date..:** 09/21/07
Prep Batch #...: 7261496 **Analysis Time..:** 18:27
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**2.00**	**2.22**	**ug/L**	**111**	**SW846 8082**
Aroclor 1260	**2.00**	**2.24**	**ug/L**	**112**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	93	(41 - 117)
Decachlorobiphenyl	89	(29 - 143)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7I130170 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7I140000-596 **Prep Batch #...:** 7257596						
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6W601AA
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Vanadium	ND	25	ug/L	SW846 6010B	09/19-09/20/07	J6W601AC
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Barium	ND	100	ug/L	SW846 6010B	09/19-09/25/07	J6W601AD
		Dilution Factor: 1				
		Analysis Time..: 14:04				
Chromium	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W601AE
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Potassium	ND	3000	ug/L	SW846 6010B	09/19-09/20/07	J6W601AF
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Magnesium	ND	200	ug/L	SW846 6010B	09/19-09/20/07	J6W601AG
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Calcium	ND	200	ug/L	SW846 6010B	09/19-09/20/07	J6W601AH
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Iron	**34 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6W601AJ**
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Beryllium	ND	1.0	ug/L	SW846 6010B	09/19-09/20/07	J6W601AK
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Tin	ND	100	ug/L	SW846 6010B	09/19-09/20/07	J6W601AL
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W601AM
		Dilution Factor: 1				
		Analysis Time..: 08:12				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7I130170 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W601AN
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Cobalt	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W601AP
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Manganese	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W601AQ
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Sodium	ND	1000	ug/L	SW846 6010B	09/19-09/25/07	J6W601AR
		Dilution Factor: 1				
		Analysis Time..: 14:04				

MB Lot-Sample #: D7I170000-079 **Prep Batch #...:** 7260079

Zinc	**3.2 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/20/07**	**J607A1AH**
		Dilution Factor: 1				
		Analysis Time..: 23:54				
Thallium	ND	5.5	ug/L	SW846 6020	09/19-09/20/07	J607A1AE
		Dilution Factor: 1				
		Analysis Time..: 23:54				
Arsenic	ND	10	ug/L	SW846 6020	09/19-09/20/07	J607A1AA
		Dilution Factor: 1				
		Analysis Time..: 23:54				
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/20/07	J607A1AC
		Dilution Factor: 1				
		Analysis Time..: 23:54				
Antimony	ND	6.0	ug/L	SW846 6020	09/19-09/20/07	J607A1AD
		Dilution Factor: 1				
		Analysis Time..: 23:54				
Copper	**1.5 B**	**10**	**ug/L**	**SW846 6020**	**09/19-09/20/07**	**J607A1AJ**
		Dilution Factor: 1				
		Analysis Time..: 23:54				
Selenium	ND	10	ug/L	SW846 6020	09/19-09/20/07	J607A1AC
		Dilution Factor: 1				
		Analysis Time..: 23:54				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7I130170 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7I190000-396 **Prep Batch #...:** 7262396						
Mercury	ND	0.20	ug/L	SW846 7470A	09/21-09/22/07	J665J1AA
		Dilution Factor: 1				
		Analysis Time..: 01:54				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I130170 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7I140000-596 **Prep Batch #...:** 7257596					
Nickel	97	(89 - 111)	SW846 6010B	09/19-09/20/07	J6W601AT
		Dilution Factor: 1	Analysis Time..: 08:17		
Vanadium	106	(90 - 111)	SW846 6010B	09/19-09/20/07	J6W601AU
		Dilution Factor: 1	Analysis Time..: 08:17		
Barium	92	(90 - 112)	SW846 6010B	09/19-09/25/07	J6W601AV
		Dilution Factor: 1	Analysis Time..: 14:09		
Chromium	105	(90 - 113)	SW846 6010B	09/19-09/20/07	J6W601AW
		Dilution Factor: 1	Analysis Time..: 08:17		
Potassium	106	(89 - 114)	SW846 6010B	09/19-09/20/07	J6W601AX
		Dilution Factor: 1	Analysis Time..: 08:17		
Magnesium	105	(90 - 113)	SW846 6010B	09/19-09/20/07	J6W601A0
		Dilution Factor: 1	Analysis Time..: 08:17		
Calcium	104	(90 - 111)	SW846 6010B	09/19-09/20/07	J6W601A1
		Dilution Factor: 1	Analysis Time..: 08:17		
Iron	100	(89 - 115)	SW846 6010B	09/19-09/20/07	J6W601A2
		Dilution Factor: 1	Analysis Time..: 08:17		
Beryllium	101	(89 - 113)	SW846 6010B	09/19-09/20/07	J6W601A3
		Dilution Factor: 1	Analysis Time..: 08:17		
Tin	100	(85 - 113)	SW846 6010B	09/19-09/20/07	J6W601A4
		Dilution Factor: 1	Analysis Time..: 08:17		
Lead	101	(89 - 110)	SW846 6010B	09/19-09/20/07	J6W601A5
		Dilution Factor: 1	Analysis Time..: 08:17		
Silver	100	(86 - 115)	SW846 6010B	09/19-09/20/07	J6W601A6
		Dilution Factor: 1	Analysis Time..: 08:17		
Cobalt	100	(89 - 111)	SW846 6010B	09/19-09/20/07	J6W601A7
		Dilution Factor: 1	Analysis Time..: 08:17		
Manganese	98	(90 - 110)	SW846 6010B	09/19-09/20/07	J6W601A8
		Dilution Factor: 1	Analysis Time..: 08:17		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I130170 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	108	(90 - 115)	SW846 6010B	09/19-09/20/07	J6W601A9
		Dilution Factor: 1	Analysis Time..: 08:17		
LCS Lot-Sample#: D7I170000-079 **Prep Batch #...:** 7260079					
Zinc	113	(88 - 118)	SW846 6020	09/19-09/20/07	J607A1AQ
		Dilution Factor: 1	Analysis Time..: 23:58		
Thallium	102	(86 - 124)	SW846 6020	09/19-09/20/07	J607A1AM
		Dilution Factor: 1	Analysis Time..: 23:58		
Arsenic	98	(89 - 111)	SW846 6020	09/19-09/20/07	J607A1AJ
		Dilution Factor: 1	Analysis Time..: 23:58		
Cadmium	98	(89 - 111)	SW846 6020	09/19-09/20/07	J607A1AK
		Dilution Factor: 1	Analysis Time..: 23:58		
Antimony	101	(71 - 128)	SW846 6020	09/19-09/20/07	J607A1AL
		Dilution Factor: 1	Analysis Time..: 23:58		
Copper	106	(90 - 117)	SW846 6020	09/19-09/20/07	J607A1AN
		Dilution Factor: 1	Analysis Time..: 23:58		
Selenium	94	(82 - 114)	SW846 6020	09/19-09/20/07	J607A1AP
		Dilution Factor: 1	Analysis Time..: 23:58		
LCS Lot-Sample#: D7I190000-396 **Prep Batch #...:** 7262396					
Mercury	96	(88 - 111)	SW846 7470A	09/21-09/22/07	J665J1AC
		Dilution Factor: 1	Analysis Time..: 01:55		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I130170 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7I140000-596 **Prep Batch #...:** 7257596							
Nickel	500	487	ug/L	97	SW846 6010B	09/19-09/20/07	J6W601AT
			Dilution Factor: 1		Analysis Time..: 08:17		
Vanadium	500	529	ug/L	106	SW846 6010B	09/19-09/20/07	J6W601AU
			Dilution Factor: 1		Analysis Time..: 08:17		
Barium	2000	1840	ug/L	92	SW846 6010B	09/19-09/25/07	J6W601AV
			Dilution Factor: 1		Analysis Time..: 14:09		
Chromium	200	210	ug/L	105	SW846 6010B	09/19-09/20/07	J6W601AW
			Dilution Factor: 1		Analysis Time..: 08:17		
Potassium	50000	52800	ug/L	106	SW846 6010B	09/19-09/20/07	J6W601AX
			Dilution Factor: 1		Analysis Time..: 08:17		
Magnesium	50000	52500	ug/L	105	SW846 6010B	09/19-09/20/07	J6W601A0
			Dilution Factor: 1		Analysis Time..: 08:17		
Calcium	50000	52100	ug/L	104	SW846 6010B	09/19-09/20/07	J6W601A1
			Dilution Factor: 1		Analysis Time..: 08:17		
Iron	1000	1000	ug/L	100	SW846 6010B	09/19-09/20/07	J6W601A2
			Dilution Factor: 1		Analysis Time..: 08:17		
Beryllium	50.0	50.5	ug/L	101	SW846 6010B	09/19-09/20/07	J6W601A3
			Dilution Factor: 1		Analysis Time..: 08:17		
Tin	2000	2010	ug/L	100	SW846 6010B	09/19-09/20/07	J6W601A4
			Dilution Factor: 1		Analysis Time..: 08:17		
Lead	500	507	ug/L	101	SW846 6010B	09/19-09/20/07	J6W601A5
			Dilution Factor: 1		Analysis Time..: 08:17		
Silver	50.0	49.8	ug/L	100	SW846 6010B	09/19-09/20/07	J6W601A6
			Dilution Factor: 1		Analysis Time..: 08:17		
Cobalt	500	499	ug/L	100	SW846 6010B	09/19-09/20/07	J6W601A7
			Dilution Factor: 1		Analysis Time..: 08:17		
Manganese	500	491	ug/L	98	SW846 6010B	09/19-09/20/07	J6W601A8
			Dilution Factor: 1		Analysis Time..: 08:17		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I130170 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	50000	53800	ug/L	108	SW846 6010B	09/19-09/20/07	J6W601A9
			Dilution Factor: 1		Analysis Time..: 08:17		
LCS Lot-Sample#: D7I170000-079 **Prep Batch #...:** 7260079							
Zinc	40.0	45.2	ug/L	113	SW846 6020	09/19-09/20/07	J607A1AQ
			Dilution Factor: 1		Analysis Time..: 23:58		
Thallium	40.0	40.6	ug/L	102	SW846 6020	09/19-09/20/07	J607A1AM
			Dilution Factor: 1		Analysis Time..: 23:58		
Arsenic	40.0	39.0	ug/L	98	SW846 6020	09/19-09/20/07	J607A1AJ
			Dilution Factor: 1		Analysis Time..: 23:58		
Cadmium	40.0	39.3	ug/L	98	SW846 6020	09/19-09/20/07	J607A1AK
			Dilution Factor: 1		Analysis Time..: 23:58		
Antimony	40.0	40.4	ug/L	101	SW846 6020	09/19-09/20/07	J607A1AL
			Dilution Factor: 1		Analysis Time..: 23:58		
Copper	40.0	42.2	ug/L	106	SW846 6020	09/19-09/20/07	J607A1AN
			Dilution Factor: 1		Analysis Time..: 23:58		
Selenium	40.0	37.4	ug/L	94	SW846 6020	09/19-09/20/07	J607A1AP
			Dilution Factor: 1		Analysis Time..: 23:58		
LCS Lot-Sample#: D7I190000-396 **Prep Batch #...:** 7262396							
Mercury	5.00	4.79	ug/L	96	SW846 7470A	09/21-09/22/07	J665J1AC
			Dilution Factor: 1		Analysis Time..: 01:55		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I130170 **Matrix.....:** WATER
Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I130170-001 **Prep Batch #...:** 7257596							
Nickel	95	(84 - 120)			SW846 6010B	09/19-09/20/07	J6P4Q1CK
	95	(84 - 120)	0.04	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CL
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Vanadium	104	(85 - 120)			SW846 6010B	09/19-09/20/07	J6P4Q1CM
	105	(85 - 120)	0.98	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CN
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Barium	112	(85 - 120)			SW846 6010B	09/19-09/20/07	J6P4Q1CP
	112	(85 - 120)	0.08	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CQ
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Chromium	104	(73 - 135)			SW846 6010B	09/19-09/20/07	J6P4Q1CR
	104	(73 - 135)	0.31	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CT
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Potassium	105	(76 - 132)			SW846 6010B	09/19-09/20/07	J6P4Q1CU
	105	(76 - 132)	0.06	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CV
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Magnesium	102	(62 - 146)			SW846 6010B	09/19-09/20/07	J6P4Q1CW
	103	(62 - 146)	0.53	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CX
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Calcium	101	(48 - 153)			SW846 6010B	09/19-09/20/07	J6P4Q1C0
	101	(48 - 153)	0.18	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1C1
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Iron	93	(52 - 155)			SW846 6010B	09/19-09/20/07	J6P4Q1C2
	91	(52 - 155)	1.4	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1C3
		Dilution Factor: 1					
		Analysis Time..: 08:32					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I130170 **Matrix.....:** WATER
Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	99	(79 - 121)			SW846 6010B	09/19-09/20/07	J6P4Q1C4
	101	(79 - 121)	2.3	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1C5
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Tin	98	(77 - 126)			SW846 6010B	09/19-09/20/07	J6P4Q1C6
	99	(77 - 126)	0.16	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1C7
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Lead	99	(89 - 121)			SW846 6010B	09/19-09/20/07	J6P4Q1C8
	100	(89 - 121)	0.35	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1C9
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Silver	98	(75 - 141)			SW846 6010B	09/19-09/20/07	J6P4Q1DA
	100	(75 - 141)	2.1	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1DC
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Cobalt	98	(82 - 119)			SW846 6010B	09/19-09/20/07	J6P4Q1DD
	98	(82 - 119)	0.57	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1DE
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Manganese	NC,MSB	(79 - 121)			SW846 6010B	09/19-09/20/07	J6P4Q1DF
	NC,MSB	(79 - 121)		(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1DG
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Sodium	102	(70 - 203)			SW846 6010B	09/19-09/20/07	J6P4Q1DH
	105	(70 - 203)	1.6	(0-40)	SW846 6010B	09/19-09/20/07	J6P4Q1DJ
		Dilution Factor: 1					
		Analysis Time..: 08:32					

MS Lot-Sample #: D7I130170-001 **Prep Batch #...:** 7262396

Mercury	108	(88 - 111)			SW846 7470A	09/21/07	J6P4Q1EA
	110	(88 - 111)	1.8	(0-10)	SW846 7470A	09/21/07	J6P4Q1EC
		Dilution Factor: 1					
		Analysis Time..: 21:28					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I130170 **Matrix.....:** WATER
Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07

MS Lot-Sample #: D7I130170-001 **Prep Batch #...:** 7257596

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	ND	500	479	ug/L	95		SW846 6010B	09/19-09/20/07	J6P4Q1CK
	ND	500	479	ug/L	95	0.04	SW846 6010B	09/19-09/20/07	J6P4Q1C
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Vanadium									
	3.3	500	525	ug/L	104		SW846 6010B	09/19-09/20/07	J6P4Q1C..
	3.3	500	531	ug/L	105	0.98	SW846 6010B	09/19-09/20/07	J6P4Q1CN
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Barium									
	26	2000	2270	ug/L	112		SW846 6010B	09/19-09/20/07	J6P4Q1C
	26	2000	2270	ug/L	112	0.08	SW846 6010B	09/19-09/20/07	J6P4Q1CQ
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Chromium									
	ND	200	211	ug/L	104		SW846 6010B	09/19-09/20/07	J6P4Q1C
	ND	200	211	ug/L	104	0.31	SW846 6010B	09/19-09/20/07	J6P4Q1C
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Potassium									
	3000	50000	55500	ug/L	105		SW846 6010B	09/19-09/20/07	J6P4Q1CU
	3000	50000	55500	ug/L	105	0.06	SW846 6010B	09/19-09/20/07	J6P4Q1C
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Magnesium									
	26000	50000	77100	ug/L	102		SW846 6010B	09/19-09/20/07	J6P4Q1CW
	26000	50000	77600	ug/L	103	0.53	SW846 6010B	09/19-09/20/07	J6P4Q1CX
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Calcium									
	67000	50000	117000	ug/L	101		SW846 6010B	09/19-09/20/07	J6P4Q1(
	67000	50000	117000	ug/L	101	0.18	SW846 6010B	09/19-09/20/07	J6P4Q1C1
			Dilution Factor: 1						
			Analysis Time..: 08:32						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I130170 **Matrix.....:** WATER
Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	1000	1000	1980	ug/L	93		SW846 6010B	09/19-09/20/07	J6P4Q1C2
	1000	1000	1950	ug/L	91	1.4	SW846 6010B	09/19-09/20/07	J6P4Q1C3
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Beryllium									
	ND	50.0	49.4	ug/L	99		SW846 6010B	09/19-09/20/07	J6P4Q1C4
	ND	50.0	50.5	ug/L	101	2.3	SW846 6010B	09/19-09/20/07	J6P4Q1C5
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Tin									
	ND	2000	1970	ug/L	98		SW846 6010B	09/19-09/20/07	J6P4Q1C6
	ND	2000	1970	ug/L	99	0.16	SW846 6010B	09/19-09/20/07	J6P4Q1C7
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Lead									
	ND	500	497	ug/L	99		SW846 6010B	09/19-09/20/07	J6P4Q1C8
	ND	500	499	ug/L	100	0.35	SW846 6010B	09/19-09/20/07	J6P4Q1C9
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Silver									
	ND	50.0	48.8	ug/L	98		SW846 6010B	09/19-09/20/07	J6P4Q1DA
	ND	50.0	49.9	ug/L	100	2.1	SW846 6010B	09/19-09/20/07	J6P4Q1DC
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Cobalt									
	6.0	500	495	ug/L	98		SW846 6010B	09/19-09/20/07	J6P4Q1DI
	6.0	500	498	ug/L	98	0.57	SW846 6010B	09/19-09/20/07	J6P4Q1DI
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Manganese									
	2200	500	2570	ug/L			SW846 6010B	09/19-09/20/07	J6P4Q1DI
			Qualifiers: NC,MSB						
	2200	500	2620	ug/L			SW846 6010B	09/19-09/20/07	J6P4Q1DC
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 08:32						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I130170 **Matrix.....:** WATER
Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium									
	19000	50000	69900	ug/L	102		SW846 6010B	09/19-09/20/07	J6P4Q1D
	19000	50000	71100	ug/L	105	1.6	SW846 6010B	09/19-09/20/07	J6P4Q1D

Dilution Factor: 1
Analysis Time..: 08:32

MS Lot-Sample #: D7I130170-001 **Prep Batch #...:** 7262396

Mercury									
	ND	5.00	5.43	ug/L	108		SW846 7470A	09/21/07	J6P4Q1EA
	ND	5.00	5.53	ug/L	110	1.8	SW846 7470A	09/21/07	J6P4Q1EC

Dilution Factor: 1
Analysis Time..: 21:28

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I130170 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I130248-002 **Prep Batch #...:** 7257596							
Nickel	99	(84 - 120)			SW846 6010B	09/19-09/20/07	J6QW81CU
	98	(84 - 120)	0.91	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CV
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Vanadium	108	(85 - 120)			SW846 6010B	09/19-09/20/07	J6QW81CF
	106	(85 - 120)	2.0	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CG
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Barium	117	(85 - 120)			SW846 6010B	09/19-09/20/07	J6QW81CD
	114	(85 - 120)	1.9	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CE
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Chromium	108	(73 - 135)			SW846 6010B	09/19-09/20/07	J6QW81CP
	106	(73 - 135)	1.3	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CQ
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Beryllium	103	(79 - 121)			SW846 6010B	09/19-09/20/07	J6QW81CH
	102	(79 - 121)	0.75	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CJ
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Lead	103	(89 - 121)			SW846 6010B	09/19-09/20/07	J6QW81CR
	102	(89 - 121)	0.95	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CT
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Silver	102	(75 - 141)			SW846 6010B	09/19-09/20/07	J6QW81CK
	100	(75 - 141)	1.9	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CL
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Cobalt	103	(82 - 119)			SW846 6010B	09/19-09/20/07	J6QW81CM
	101	(82 - 119)	1.2	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CN
		Dilution Factor: 1					
		Analysis Time..: 08:51					

MS Lot-Sample #: D7I130248-002 **Prep Batch #...:** 7260079

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I130170 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	98	(88 - 118)			SW846 6020	09/19-09/21/07	J6QW81DR
	107	(88 - 118)	7.5	(0-20)	SW846 6020	09/19-09/21/07	J6QW81DT
		Dilution Factor: 1					
		Analysis Time..: 00:28					
Thallium	103	(86 - 124)			SW846 6020	09/19-09/21/07	J6QW81DK
	105	(86 - 124)	1.6	(0-20)	SW846 6020	09/19-09/21/07	J6QW81DL
		Dilution Factor: 1					
		Analysis Time..: 00:28					
Arsenic	96	(89 - 111)			SW846 6020	09/19-09/21/07	J6QW81DD
	99	(89 - 111)	3.2	(0-20)	SW846 6020	09/19-09/21/07	J6QW81DE
		Dilution Factor: 1					
		Analysis Time..: 00:28					
Cadmium	101	(89 - 111)			SW846 6020	09/19-09/21/07	J6QW81DF
	102	(89 - 111)	1.2	(0-20)	SW846 6020	09/19-09/21/07	J6QW81DG
		Dilution Factor: 1					
		Analysis Time..: 00:28					
Antimony	101	(71 - 128)			SW846 6020	09/19-09/21/07	J6QW81DH
	102	(71 - 128)	0.82	(0-20)	SW846 6020	09/19-09/21/07	J6QW81DJ
		Dilution Factor: 1					
		Analysis Time..: 00:28					
Copper	103	(90 - 117)			SW846 6020	09/19-09/21/07	J6QW81DM
	108	(90 - 117)	4.7	(0-20)	SW846 6020	09/19-09/21/07	J6QW81DN
		Dilution Factor: 1					
		Analysis Time..: 00:28					
Selenium	91	(82 - 114)			SW846 6020	09/19-09/21/07	J6QW81DP
	93	(82 - 114)	2.0	(0-20)	SW846 6020	09/19-09/21/07	J6QW81DQ
		Dilution Factor: 1					
		Analysis Time..: 00:28					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I130170 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I130248-002 **Prep Batch #...:** 7257596									
Nickel									
	ND	500	495	ug/L	99		SW846 6010B	09/19-09/20/07	J6QW81CU
	ND	500	491	ug/L	98	0.91	SW846 6010B	09/19-09/20/07	J6QW81CV
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Vanadium									
	ND	500	543	ug/L	108		SW846 6010B	09/19-09/20/07	J6QW81CF
	ND	500	532	ug/L	106	2.0	SW846 6010B	09/19-09/20/07	J6QW81CG
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Barium									
	49	2000	2380	ug/L	117		SW846 6010B	09/19-09/20/07	J6QW81CD
	49	2000	2340	ug/L	114	1.9	SW846 6010B	09/19-09/20/07	J6QW81CE
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Chromium									
	ND	200	216	ug/L	108		SW846 6010B	09/19-09/20/07	J6QW81CP
	ND	200	213	ug/L	106	1.3	SW846 6010B	09/19-09/20/07	J6QW81CQ
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Beryllium									
	ND	50.0	51.8	ug/L	103		SW846 6010B	09/19-09/20/07	J6QW81CH
	ND	50.0	51.4	ug/L	102	0.75	SW846 6010B	09/19-09/20/07	J6QW81CJ
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Lead									
	ND	500	517	ug/L	103		SW846 6010B	09/19-09/20/07	J6QW81CR
	ND	500	512	ug/L	102	0.95	SW846 6010B	09/19-09/20/07	J6QW81CT
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Silver									
	ND	50.0	50.9	ug/L	102		SW846 6010B	09/19-09/20/07	J6QW81CK
	ND	50.0	50.0	ug/L	100	1.9	SW846 6010B	09/19-09/20/07	J6QW81CL
			Dilution Factor: 1						
			Analysis Time..: 08:51						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I130170 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	ND	500	514	ug/L	103		SW846 6010B	09/19-09/20/07	J6QW81CN
	ND	500	508	ug/L	101	1.2	SW846 6010B	09/19-09/20/07	J6QW81CN
			Dilution Factor: 1						
			Analysis Time..: 08:51						

MS Lot-Sample #: D7I130248-002 **Prep Batch #...:** 7260079

Zinc									
	8.9	40.0	48.1	ug/L	98		SW846 6020	09/19-09/21/07	J6QW81DL
	8.9	40.0	51.8	ug/L	107	7.5	SW846 6020	09/19-09/21/07	J6QW81DT
			Dilution Factor: 1						
			Analysis Time..: 00:28						
Thallium									
	ND	40.0	41.3	ug/L	103		SW846 6020	09/19-09/21/07	J6QW81DJ
	ND	40.0	42.0	ug/L	105	1.6	SW846 6020	09/19-09/21/07	J6QW81DL
			Dilution Factor: 1						
			Analysis Time..: 00:28						
Arsenic									
	ND	40.0	38.5	ug/L	96		SW846 6020	09/19-09/21/07	J6QW81D
	ND	40.0	39.8	ug/L	99	3.2	SW846 6020	09/19-09/21/07	J6QW81D
			Dilution Factor: 1						
			Analysis Time..: 00:28						
Cadmium									
	ND	40.0	40.3	ug/L	101		SW846 6020	09/19-09/21/07	J6QW81DF
	ND	40.0	40.8	ug/L	102	1.2	SW846 6020	09/19-09/21/07	J6QW81D
			Dilution Factor: 1						
			Analysis Time..: 00:28						
Antimony									
	ND	40.0	40.4	ug/L	101		SW846 6020	09/19-09/21/07	J6QW81DH
	ND	40.0	40.8	ug/L	102	0.82	SW846 6020	09/19-09/21/07	J6QW81DJ
			Dilution Factor: 1						
			Analysis Time..: 00:28						
Copper									
	ND	40.0	41.3	ug/L	103		SW846 6020	09/19-09/21/07	J6QW81D
	ND	40.0	43.3	ug/L	108	4.7	SW846 6020	09/19-09/21/07	J6QW81DN
			Dilution Factor: 1						
			Analysis Time..: 00:28						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I130170 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	ND	40.0	36.4	ug/L	91		SW846 6020	09/19-09/21/07	J6QW81DP
	ND	40.0	37.1	ug/L	93	2.0	SW846 6020	09/19-09/21/07	J6QW81DQ

Dilution Factor: 1
Analysis Time..: 00:28

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I130170 **Matrix.....:** WATER
Date Sampled...: 09/13/07 14:58 **Date Received..:** 09/14/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I140139-003 **Prep Batch #...:** 7262396							
Mercury	82 N	(88 - 111)			SW846 7470A	09/21-09/22/07	J6T001AW
	79 N	(88 - 111)	4.0	(0-10)	SW846 7470A	09/21-09/22/07	J6T001AX
		Dilution Factor: 1					
		Analysis Time..: 02:00					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I130170 **Matrix.....:** WATER
Date Sampled...: 09/13/07 14:58 **Date Received..:** 09/14/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I140139-003 **Prep Batch #...:** 7262396									
Mercury									
	0.029	5.00	4.14 N	ug/L	82		SW846 7470A	09/21-09/22/07	J6T001AW
	0.029	5.00	3.98 N	ug/L	79	4.0	SW846 7470A	09/21-09/22/07	J6T001AX

Dilution Factor: 1
Analysis Time..: 02:00

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D7I130170 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		Work Order #: J65N91AA		MB Lot-Sample #:	D7I180000-489	
	ND	0.040	mg/L	MCAWW 350.1	09/18/07	7261489
		Dilution Factor: 1				
		Analysis Time..: 09:26				
Bicarbonate, as CaCO3		Work Order #: J60231AA		MB Lot-Sample #:	D7I160000-042	
	ND	5.0	mg/L	MCAWW 310.1	09/16/07	7259042
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Carbonate, as CaCO3		Work Order #: J60241AA		MB Lot-Sample #:	D7I160000-043	
	ND	5.0	mg/L	MCAWW 310.1	09/16/07	7259043
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Chloride		Work Order #: J7A121AA		MB Lot-Sample #:	D7I200000-578	
	ND	0.30	mg/L	MCAWW 300.0A	09/19/07	7263578
		Dilution Factor: 1				
		Analysis Time..: 13:21				
Nitrate		Work Order #: J651K1AA		MB Lot-Sample #:	D7I180000-506	
	ND	0.50	mg/L	MCAWW 353.2	09/13/07	7261506
		Dilution Factor: 1				
		Analysis Time..: 14:25				
Sulfate		Work Order #: J67AW1AA		MB Lot-Sample #:	D7I190000-437	
	ND	5.0	mg/L	MCAWW 375.4	09/19/07	7262437
		Dilution Factor: 1				
		Analysis Time..: 11:00				
Total Alkalinity		Work Order #: J60221AA		MB Lot-Sample #:	D7I160000-041	
	1.5 B	**5.0**	**mg/L**	**MCAWW 310.1**	**09/16/07**	**7259041**
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Total Cyanide		Work Order #: J65C11AA		MB Lot-Sample #:	D7I180000-525	
	ND	0.010	mg/L	MCAWW 335.4	09/18-09/19/07	7261525
		Dilution Factor: 1				
		Analysis Time..: 09:30				
Total Dissolved Solids		Work Order #: J7AWD1AA		MB Lot-Sample #:	D7I170000-494	
	ND	10	mg/L	MCAWW 160.1	09/17/07	7260494
		Dilution Factor: 1				
		Analysis Time..: 16:40				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: D7I130170 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon		Work Order #: J7DQV1AA		MB Lot-Sample #:	D7I210000-313	
	ND	1.0	mg/L	MCAWW 415.1	09/20/07	7264313
		Dilution Factor: 1				
		Analysis Time..: 06:00				
Total Sulfide		Work Order #: J638H1AA		MB Lot-Sample #:	D7I180000-359	
	ND	1.0	mg/L	MCAWW 376.2	09/18/07	7261359
		Dilution Factor: 1				
		Analysis Time..: 12:00				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D7I130170 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		WO#:J65N91AC-LCS/J65N91AD-LCSD				LCS Lot-Sample#: D7I180000-489	
	100	(90 - 110)			MCAWW 350.1	09/18/07	7261489
	99	(90 - 110)	1.3	(0-10)	MCAWW 350.1	09/18/07	7261489
		Dilution Factor: 1			Analysis Time..: 09:26		
Chloride		WO#:J7A121AC-LCS/J7A121AD-LCSD				LCS Lot-Sample#: D7I200000-578	
	102	(90 - 110)			MCAWW 300.0A	09/19/07	7263578
	101	(90 - 110)	0.79	(0-10)	MCAWW 300.0A	09/19/07	7263578
		Dilution Factor: 1			Analysis Time..: 12:49		
Nitrate		WO#:J651K1AC-LCS/J651K1AD-LCSD				LCS Lot-Sample#: D7I180000-506	
	96	(86 - 110)			MCAWW 353.2	09/13/07	7261506
	98	(86 - 110)	2.1	(0-10)	MCAWW 353.2	09/13/07	7261506
		Dilution Factor: 1			Analysis Time..: 14:25		
Sulfate		WO#:J67AW1AC-LCS/J67AW1AD-LCSD				LCS Lot-Sample#: D7I190000-437	
	101	(91 - 112)			MCAWW 375.4	09/19/07	7262437
	99	(91 - 112)	2.1	(0-15)	MCAWW 375.4	09/19/07	7262437
		Dilution Factor: 1			Analysis Time..: 11:00		
Total Alkalinity		WO#:J60221AC-LCS/J60221AD-LCSD				LCS Lot-Sample#: D7I160000-041	
	98	(90 - 110)			MCAWW 310.1	09/16/07	7259041
	98	(90 - 110)	0.0	(0-10)	MCAWW 310.1	09/16/07	7259041
		Dilution Factor: 1			Analysis Time..: 08:00		
Total Cyanide		WO#:J65C11AC-LCS/J65C11AD-LCSD				LCS Lot-Sample#: D7I180000-525	
	100	(90 - 110)			MCAWW 335.4	09/18-09/19/07	7261525
	106	(90 - 110)	5.5	(0-10)	MCAWW 335.4	09/18-09/19/07	7261525
		Dilution Factor: 1			Analysis Time..: 09:30		
Total Dissolved Solids		WO#:J7AWD1AC-LCS/J7AWD1AD-LCSD				LCS Lot-Sample#: D7I170000-494	
	105	(86 - 106)			MCAWW 160.1	09/17/07	7260494
	106	(86 - 106)	0.95	(0-20)	MCAWW 160.1	09/17/07	7260494
		Dilution Factor: 1			Analysis Time..: 16:40		
Total Organic Carbon		WO#:J7DQV1AC-LCS/J7DQV1AD-LCSD				LCS Lot-Sample#: D7I210000-313	
	102	(86 - 114)			MCAWW 415.1	09/20/07	7264313
	103	(86 - 114)	0.31	(0-12)	MCAWW 415.1	09/20/07	7264313
		Dilution Factor: 1			Analysis Time..: 06:00		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D7I130170 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Sulfide		WO#:J638H1AC-LCS/J638H1AD-LCSD				LCS Lot-Sample#: D7I180000-359	
	104	(83 - 112)			MCAWW 376.2	09/18/07	7261359
	103	(83 - 112)	0.83	(0-10)	MCAWW 376.2	09/18/07	7261359

Dilution Factor: 1 Analysis Time..: 12:00

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D7I130170 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N			WO#:J65N91AC-LCS/J65N91AD-LCSD				LCS Lot-Sample#: D7I180000-489	
	4.00	4.00	mg/L	100		MCAWW 350.1	09/18/07	7261489
	4.00	3.95	mg/L	99	1.3	MCAWW 350.1	09/18/07	7261489
			Dilution Factor: 1			Analysis Time..: 09:26		
Chloride			WO#:J7A121AC-LCS/J7A121AD-LCSD				LCS Lot-Sample#: D7I200000-578	
	25.0	25.4	mg/L	102		MCAWW 300.0A	09/19/07	7263578
	25.0	25.2	mg/L	101	0.79	MCAWW 300.0A	09/19/07	7263578
			Dilution Factor: 1			Analysis Time..: 12:49		
Nitrate			WO#:J651K1AC-LCS/J651K1AD-LCSD				LCS Lot-Sample#: D7I180000-506	
	0.0500	0.0480	mg/L	96		MCAWW 353.2	09/13/07	7261506
	0.0500	0.0490	mg/L	98	2.1	MCAWW 353.2	09/13/07	7261506
			Dilution Factor: 1			Analysis Time..: 14:25		
Sulfate			WO#:J67AW1AC-LCS/J67AW1AD-LCSD				LCS Lot-Sample#: D7I190000-437	
	25.0	25.4	mg/L	101		MCAWW 375.4	09/19/07	7262437
	25.0	24.9	mg/L	99	2.1	MCAWW 375.4	09/19/07	7262437
			Dilution Factor: 1			Analysis Time..: 11:00		
Total Alkalinity			WO#:J60221AC-LCS/J60221AD-LCSD				LCS Lot-Sample#: D7I160000-041	
	200	195	mg/L	98		MCAWW 310.1	09/16/07	7259041
	200	195	mg/L	98	0.0	MCAWW 310.1	09/16/07	7259041
			Dilution Factor: 1			Analysis Time..: 08:00		
Total Cyanide			WO#:J65C11AC-LCS/J65C11AD-LCSD				LCS Lot-Sample#: D7I180000-525	
	0.100	0.100	mg/L	100		MCAWW 335.4	09/18-09/19/07	7261525
	0.100	0.106	mg/L	106	5.5	MCAWW 335.4	09/18-09/19/07	7261525
			Dilution Factor: 1			Analysis Time..: 09:30		
Total Dissolved Solids			WO#:J7AWD1AC-LCS/J7AWD1AD-LCSD				LCS Lot-Sample#: D7I170000-494	
	500	524	mg/L	105		MCAWW 160.1	09/17/07	7260494
	500	529	mg/L	106	0.95	MCAWW 160.1	09/17/07	7260494
			Dilution Factor: 1			Analysis Time..: 16:40		
Total Organic Carbon			WO#:J7DQV1AC-LCS/J7DQV1AD-LCSD				LCS Lot-Sample#: D7I210000-313	
	25.0	25.6	mg/L	102		MCAWW 415.1	09/20/07	7264313
	25.0	25.7	mg/L	103	0.31	MCAWW 415.1	09/20/07	7264313
			Dilution Factor: 1			Analysis Time..: 06:00		

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D7I130170 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Sulfide			WO#:J638H1AC-LCS/J638H1AD-LCSD			LCS Lot-Sample#: D7I180000-359		
	0.582	0.605	mg/L	104		MCAWW 376.2	09/18/07	7261359
	0.582	0.600	mg/L	103	0.83	MCAWW 376.2	09/18/07	7261359

Dilution Factor: 1 Analysis Time..: 12:00

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I130170 **Matrix.....:** WATER
Date Sampled...: 09/18/07 10:40 **Date Received..:** 09/19/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N			WO#: J6MLG1DC-MS/J6MLG1DD-MSD			MS Lot-Sample #: D7I120175-002	
	97	(81 - 114)			MCAWW 350.1	09/18/07	7261489
	97	(81 - 114)	0.10	(0-10)	MCAWW 350.1	09/18/07	7261489
			Dilution Factor: 1				
			Analysis Time..: 09:26				
Chloride			WO#: J66KE1AQ-MS/J66KE1AR-MSD			MS Lot-Sample #: D7I190198-004	
	104	(85 - 115)			MCAWW 300.0A	09/19/07	7263572
	105	(85 - 115)	0.49	(0-20)	MCAWW 300.0A	09/19/07	7263572
			Dilution Factor: 5				
			Analysis Time..: 23:07				
Chloride			WO#: J66KK1AQ-MS/J66KK1AR-MSD			MS Lot-Sample #: D7I190198-007	
	106	(85 - 115)			MCAWW 300.0A	09/19/07	7263572
	106	(85 - 115)	0.50	(0-20)	MCAWW 300.0A	09/19-09/20/07	7263572
			Dilution Factor: 5				
			Analysis Time..: 23:55				
Chloride			WO#: J66K01AQ-MS/J66K01AR-MSD			MS Lot-Sample #: D7I190198-010	
	106	(85 - 115)			MCAWW 300.0A	09/19-09/20/07	7263572
	107	(85 - 115)	0.48	(0-20)	MCAWW 300.0A	09/19-09/20/07	7263572
			Dilution Factor: 2				
			Analysis Time..: 00:58				
Chloride			WO#: J66K81AQ-MS/J66K81AR-MSD			MS Lot-Sample #: D7I190198-014	
	96	(85 - 115)			MCAWW 300.0A	09/19-09/20/07	7263572
	104	(85 - 115)	3.1	(0-20)	MCAWW 300.0A	09/19-09/20/07	7263572
			Dilution Factor: 2				
			Analysis Time..: 09:40				
Sulfate			WO#: J6QRR1A2-MS/J6QRR1A3-MSD			MS Lot-Sample #: D7I130242-001	
	97	(45 - 153)			MCAWW 375.4	09/19/07	7262437
	99	(45 - 153)	1.3	(0-21)	MCAWW 375.4	09/19/07	7262437
			Dilution Factor: 1				
			Analysis Time..: 11:00				
Total Cyanide			WO#: J6FVX1DC-MS/J6FVX1DD-MSD			MS Lot-Sample #: D7I080146-003	
	97	(90 - 110)			MCAWW 335.4	09/18-09/19/07	7261529
	99	(90 - 110)	2.6	(0-10)	MCAWW 335.4	09/18-09/19/07	7261529
			Dilution Factor: 1				
			Analysis Time..: 09:30				

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MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I130170 **Matrix.....:** WATER
Date Sampled...: 09/18/07 10:40 **Date Received..:** 09/19/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide			WO#: J6FV71C3-MS/J6FV71C4-MSD			MS Lot-Sample #: D7I080146-004	
	96	(90 - 110)			MCAWW 335.4	09/18-09/19/07	7261529
	95	(90 - 110)	0.90	(0-10)	MCAWW 335.4	09/18-09/19/07	7261529
		Dilution Factor: 1					
		Analysis Time..: 09:30					
Total Cyanide			WO#: J6FWA1DN-MS/J6FWA1DP-MSD			MS Lot-Sample #: D7I080146-006	
	92	(90 - 110)			MCAWW 335.4	09/18-09/19/07	7261529
	91	(90 - 110)	0.56	(0-10)	MCAWW 335.4	09/18-09/19/07	7261529
		Dilution Factor: 1					
		Analysis Time..: 09:30					
Total Organic Carbon			WO#: J6P4Q1EE-MS/J6P4Q1EF-MSD			MS Lot-Sample #: D7I130170-001	
	103	(65 - 139)			MCAWW 415.1	09/20/07	7264313
	104	(65 - 139)	0.91	(0-41)	MCAWW 415.1	09/20/07	7264313
		Dilution Factor: 1					
		Analysis Time..: 12:00					
Total Sulfide			WO#: J6M231C0-MS/J6M231C1-MSD			MS Lot-Sample #: D7I120227-001	
	47	(20 - 156)			MCAWW 376.2	09/18/07	7261359
	46	(20 - 156)	1.5	(0-30)	MCAWW 376.2	09/18/07	7261359
		Dilution Factor: 1					
		Analysis Time..: 12:00					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D7I130170 **Matrix.....:** WATER
Date Sampled...: 09/18/07 10:40 **Date Received..:** 09/19/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH
Ammonia as N			WO#: J6MLG1DC-MS/J6MLG1DD-MSD				MS Lot-Sample #: D7I120175-002		
	0.043	4.00	3.92	mg/L	97		MCAWW 350.1	09/18/07	726148
	0.043	4.00	3.93	mg/L	97	0.10	MCAWW 350.1	09/18/07	726148
			Dilution Factor: 1						
			Analysis Time..: 09:26						
Chloride			WO#: J66KE1AQ-MS/J66KE1AR-MSD				MS Lot-Sample #: D7I190198-004		
	200	125	333	mg/L	104		MCAWW 300.0A	09/19/07	7263572
	200	125	334	mg/L	105	0.49	MCAWW 300.0A	09/19/07	726357
			Dilution Factor: 5						
			Analysis Time..: 23:07						
Chloride			WO#: J66KK1AQ-MS/J66KK1AR-MSD				MS Lot-Sample #: D7I190198-007		
	88	125	220	mg/L	106		MCAWW 300.0A	09/19/07	7263572
	88	125	221	mg/L	106	0.50	MCAWW 300.0A	09/19-09/20/07	7263572
			Dilution Factor: 5						
			Analysis Time..: 23:55						
Chloride			WO#: J66K01AQ-MS/J66K01AR-MSD				MS Lot-Sample #: D7I190198-010		
	51	50.0	104	mg/L	106		MCAWW 300.0A	09/19-09/20/07	726357
	51	50.0	104	mg/L	107	0.48	MCAWW 300.0A	09/19-09/20/07	7263572
			Dilution Factor: 2						
			Analysis Time..: 00:58						
Chloride			WO#: J66K81AQ-MS/J66K81AR-MSD				MS Lot-Sample #: D7I190198-014		
	77	50.0	125	mg/L	96		MCAWW 300.0A	09/19-09/20/07	726357
	77	50.0	129	mg/L	104	3.1	MCAWW 300.0A	09/19-09/20/07	726357
			Dilution Factor: 2						
			Analysis Time..: 09:40						
Sulfate			WO#: J6QRR1A2-MS/J6QRR1A3-MSD				MS Lot-Sample #: D7I130242-001		
	3.4	25.0	27.7	mg/L	97		MCAWW 375.4	09/19/07	726243
	3.4	25.0	28.1	mg/L	99	1.3	MCAWW 375.4	09/19/07	726243
			Dilution Factor: 1						
			Analysis Time..: 11:00						
Total Cyanide			WO#: J6FVX1DC-MS/J6FVX1DD-MSD				MS Lot-Sample #: D7I080146-003		
	ND	0.100	0.0980	mg/L	97		MCAWW 335.4	09/18-09/19/07	7261529
	ND	0.100	0.101	mg/L	99	2.6	MCAWW 335.4	09/18-09/19/07	726152
			Dilution Factor: 1						
			Analysis Time..: 09:30						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D7I130170 **Matrix.....:** WATER
Date Sampled...: 09/18/07 10:40 **Date Received..:** 09/19/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide			WO#: J6FV71C3-MS/J6FV71C4-MSD				MS Lot-Sample #: D7I080146-004		
	0.0044	0.100	0.100	mg/L	96		MCAWW 335.4	09/18-09/19/07	7261529
	0.0044	0.100	0.0991	mg/L	95	0.90	MCAWW 335.4	09/18-09/19/07	7261529
			Dilution Factor: 1						
			Analysis Time..: 09:30						
Total Cyanide			WO#: J6FWA1DN-MS/J6FWA1DP-MSD				MS Lot-Sample #: D7I080146-006		
	ND	0.100	0.0924	mg/L	92		MCAWW 335.4	09/18-09/19/07	7261529
	ND	0.100	0.0919	mg/L	91	0.56	MCAWW 335.4	09/18-09/19/07	7261529
			Dilution Factor: 1						
			Analysis Time..: 09:30						
Total Organic Carbon			WO#: J6P4Q1EE-MS/J6P4Q1EF-MSD				MS Lot-Sample #: D7I130170-001		
	0.58	25.0	26.2	mg/L	103		MCAWW 415.1	09/20/07	7264313
	0.58	25.0	26.5	mg/L	104	0.91	MCAWW 415.1	09/20/07	7264313
			Dilution Factor: 1						
			Analysis Time..: 12:00						
Total Sulfide			WO#: J6M231C0-MS/J6M231C1-MSD				MS Lot-Sample #: D7I120227-001		
	ND	0.582	0.272	mg/L	47		MCAWW 376.2	09/18/07	7261359
	ND	0.582	0.268	mg/L	46	1.5	MCAWW 376.2	09/18/07	7261359
			Dilution Factor: 1						
			Analysis Time..: 12:00						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I130170 **Work Order #...:** J6M0C-SMP J6M0C-DUP **Matrix.....:** WATER

Date Sampled...: 09/11/07 07:00 **Date Received..:** 09/12/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #:	D7I120209-001	
	ND	ND	mg/L	0	(0-10)	MCAWW 310.1	09/16/07	725904

Dilution Factor: 1 Analysis Time..: 08:00

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I130170 **Work Order #...:** J6P4Q-SMP J6P4Q-DUP **Matrix.....:** WATER

Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #:	D7I130170-001	
	340	330	mg/L	3.0	(0-20)	MCAWW 160.1	09/17/07	7260494

Dilution Factor: 1 Analysis Time..: 16:40

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I130170 **Work Order #...:** J66KE-SMP J66KE-DUP **Matrix.....:** WATER

Date Sampled...: 09/17/07 18:26 **Date Received..:** 09/19/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride						SD Lot-Sample #:	D7I190198-004	
	200	200	mg/L	0.33	(0-20)	MCAWW 300.0A	09/19/07	726357

Dilution Factor: 5 Analysis Time..: 22:04

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 500-6558-1

Job Description: WMI Piedmont water (Denver)

For:
TestAmerica Laboratories, Inc.
4955 Yarrow Street
Arvada, CO 80002

Attention: Ms. Betsy Sara

Louis Manzano
Project Manager I
louis.manzano@testamericainc.com

10/15/2007
Revision: 1

These test results meet all the requirements of NELAC for accredited parameters.

The Lab Certification ID# is 100201.

All questions regarding this test report should be directed to the TestAmerica Project Manager whose signature appears on this report. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

Job Narrative
500-J6558-1

Comments
No additional comments.

Receipt
Project specific RLs entered. Formatter changed to RL "U"

All other samples were received in good condition within temperature requirements.

GC/MS Semi VOA
No analytical or quality issues were noted.

GC Semi VOA
8151 Method: The SSV is bias low for the analyte Dinoseb. The analyte is a non-detect in the samples and the data has been reported.

The grand mean exception, as outlined in EPA Method 8000B, was applied to continuing calibration verification (CCV) standards. This rule states that when one or more compounds in the CCV fail to meet acceptance criteria, the initial calibration (ICAL) may be used for quantitation if the average %D (the grand mean) of all the compounds in the CCV is less than or equal to 15 %D.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: TestAmerica Laboratories, Inc.

Job Number: 500-6558-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method

No Detections

METHOD SUMMARY

Client: TestAmerica Laboratories, Inc. Job Number: 500-6558-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL CHI	SW846 8270C	
Separatory Funnel Liquid-Liquid Extraction	TAL CHI		SW846 3510C
Pesticides	TAL CHI	SW846 8081A	
Separatory Funnel Liquid-Liquid Extraction	TAL CHI		SW846 3510C
Chlorinated Herbicides by GC	TAL CHI	SW846 8151A	
Chlorinated Herbicides by GC - Aqueous Prep	TAL CHI		SW846 8151A

Lab References:

TAL CHI = TestAmerica Chicago

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: TestAmerica Laboratories, Inc.

Job Number: 500-6558-1

Method	Analyst	Analyst ID
SW846 8270C	Bergen, Joe	JB
SW846 8081A	Krueding, Marilyn G	MGK
SW846 8151A	Price, Jarvis	JP

SAMPLE SUMMARY

Client: TestAmerica Laboratories, Inc.

Job Number: 500-6558-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
500-6558-1	3406-MW09R	Water	09/12/2007 1816	09/14/2007 0945

SAMPLE RESULTS

Ms. Betsy Sara
TestAmerica Laboratories, Inc.
4955 Yarrow Street
Arvada, CO 80002

Job Number: 500-6558-1

Client Sample ID: 3406-MW09R
Lab Sample ID: 500-6558-1

Date Sampled: 09/12/2007 1816
Date Received: 09/14/2007 0945
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8270C		Date Analyzed:	09/28/2007 1347		
Prep Method: 3510C		Date Prepared:	09/18/2007 0925		
1,2,4,5-Tetrachlorobenzene	ND	ug/L	1.9	9.3	1.0
1,2,4-Trichlorobenzene	ND	ug/L	0.26	9.3	1.0
1,3,5-Trinitrobenzene	ND	ug/L	1.1	9.3	1.0
1,4-Naphthoquinone	ND	ug/L	1.5	9.3	1.0
1-Naphthylamine	ND	ug/L	1.9	9.3	1.0
2,2'-oxybis[1-chloropropane]	ND	ug/L	0.21	9.3	1.0
2,3,4,6-Tetrachlorophenol	ND	ug/L	1.3	9.3	1.0
2,4,5-Trichlorophenol	ND	ug/L	1.3	9.3	1.0
2,4,6-Trichlorophenol	ND	ug/L	1.3	9.3	1.0
2,4-Dichlorophenol	ND	ug/L	1.5	9.3	1.0
2,4-Dimethylphenol	ND	ug/L	1.5	9.3	1.0
2,4-Dinitrophenol	ND	ug/L	7.7	46	1.0
2,4-Dinitrotoluene	ND	ug/L	0.27	9.3	1.0
2,6-Dichlorophenol	ND	ug/L	4.6	9.3	1.0
2,6-Dinitrotoluene	ND	ug/L	0.18	9.3	1.0
2-Acetylaminofluorene	ND	ug/L	1.1	19	1.0
2-Chloronaphthalene	ND	ug/L	0.24	9.3	1.0
2-Chlorophenol	ND	ug/L	1.4	9.3	1.0
2-Methylnaphthalene	ND	ug/L	0.027	9.3	1.0
2-Methylphenol	ND	ug/L	0.25	9.3	1.0
2-Naphthylamine	ND	ug/L	2.2	9.3	1.0
2-Nitroaniline	ND	ug/L	1.1	46	1.0
2-Nitrophenol	ND	ug/L	1.5	9.3	1.0
3,3'-Dichlorobenzidine	ND	ug/L	1.0	19	1.0
3-Methylcholanthrene	ND	ug/L	1.0	9.3	1.0
3-Nitroaniline	ND	ug/L	1.5	46	1.0
4,6-Dinitro-2-methylphenol	ND	ug/L	1.8	46	1.0
4-Aminobiphenyl	ND	ug/L	1.7	19	1.0
4-Bromophenyl phenyl ether	ND	ug/L	0.93	9.3	1.0
4-Chloro-3-methylphenol	ND	ug/L	1.3	19	1.0
4-Chloroaniline	ND	ug/L	1.3	19	1.0
4-Chlorophenyl phenyl ether	ND	ug/L	1.0	9.3	1.0
4-Methylphenol	ND	ug/L	0.18	9.3	1.0
4-Nitroaniline	ND	ug/L	1.1	19	1.0
4-Nitrophenol	ND	ug/L	3.1	46	1.0
5-Nitro-o-toluidine	ND	ug/L	0.93	9.3	1.0
7,12-Dimethylbenz(a)anthracene	ND	ug/L	1.7	9.3	1.0
Acenaphthene	ND	ug/L	0.030	9.3	1.0
Acenaphthylene	ND	ug/L	0.035	9.3	1.0

Ms. Betsy Sara
TestAmerica Laboratories, Inc.
4955 Yarrow Street
Arvada, CO 80002

Job Number: 500-6558-1

Client Sample ID: 3406-MW09R
Lab Sample ID: 500-6558-1

Date Sampled: 09/12/2007 1816
Date Received: 09/14/2007 0945
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Acetophenone	ND	ug/L	9.3	9.3	1.0
Anthracene	ND	ug/L	0.036	9.3	1.0
Benzo[a]anthracene	ND	ug/L	0.038	9.3	1.0
Benzo[a]pyrene	ND	ug/L	0.035	9.3	1.0
Benzo[b]fluoranthene	ND	ug/L	0.043	9.3	1.0
Benzo[g,h,i]perylene	ND	ug/L	0.039	9.3	1.0
Benzo[k]fluoranthene	ND	ug/L	0.039	9.3	1.0
Benzyl alcohol	ND	ug/L	1.1	19	1.0
Bis(2-chloroethoxy)methane	ND	ug/L	0.31	9.3	1.0
Bis(2-chloroethyl)ether	ND	ug/L	0.25	9.3	1.0
Bis(2-ethylhexyl) phthalate	ND	ug/L	1.1	14	1.0
Butyl benzyl phthalate	ND	ug/L	0.27	9.3	1.0
Ethyl 4,4'-Dichlorobenzilate	ND	ug/L	0.89	9.3	1.0
Chrysene	ND	ug/L	0.035	9.3	1.0
Diallate	ND	ug/L	0.65	9.3	1.0
Dibenz(a,h)anthracene	ND	ug/L	0.037	9.3	1.0
Dibenzofuran	ND	ug/L	0.24	9.3	1.0
Diethyl phthalate	ND	ug/L	0.30	9.3	1.0
Dimethoate	ND	ug/L	1.9	19	1.0
Dimethyl phthalate	ND	ug/L	0.30	9.3	1.0
Di-n-butyl phthalate	ND	ug/L	1.1	9.3	1.0
Di-n-octyl phthalate	ND	ug/L	1.0	9.3	1.0
Diphenylamine	ND	ug/L	0.39	9.3	1.0
Disulfoton	ND	ug/L	1.3	9.3	1.0
Ethyl methanesulfonate	ND	ug/L	0.86	19	1.0
Famphur	ND	ug/L	1.7	19	1.0
Fluoranthene	ND	ug/L	0.040	9.3	1.0
Fluorene	ND	ug/L	0.032	9.3	1.0
Hexachlorobenzene	ND	ug/L	0.055	9.3	1.0
Hexachlorobutadiene	ND	ug/L	1.1	9.3	1.0
Hexachloroethane	ND	ug/L	1.0	9.3	1.0
Indeno[1,2,3-cd]pyrene	ND	ug/L	0.036	9.3	1.0
Isodrin	ND	ug/L	1.7	19	1.0
Isophorone	ND	ug/L	0.21	9.3	1.0
Isosafrole	ND	ug/L	0.65	9.3	1.0
1,3-Dinitrobenzene	ND	ug/L	1.5	19	1.0
Methapyrilene	ND	ug/L	7.4	93	1.0
Methyl methanesulfonate	ND	ug/L	0.57	9.3	1.0
Methyl parathion	ND	ug/L	1.6	9.3	1.0
Naphthalene	ND	ug/L	0.032	9.3	1.0
Nitrobenzene	ND	ug/L	0.24	9.3	1.0

Ms. Betsy Sara
TestAmerica Laboratories, Inc.
4955 Yarrow Street
Arvada, CO 80002

Job Number: 500-6558-1

Client Sample ID: 3406-MW09R
Lab Sample ID: 500-6558-1

Date Sampled: 09/12/2007 1816
Date Received: 09/14/2007 0945
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
N-Nitrosodiethylamine	ND	ug/L	2.3	19	1.0
N-Nitrosodimethylamine	ND	ug/L	3.1	9.3	1.0
N-Nitrosodi-n-butylamine	ND	ug/L	2.3	9.3	1.0
N-Nitrosodi-n-propylamine	ND	ug/L	0.31	9.3	1.0
N-Nitrosodiphenylamine	ND	ug/L	0.24	9.3	1.0
N-Nitrosomethylethylamine	ND	ug/L	2.3	9.3	1.0
N-Nitrosopiperidine	ND	ug/L	2.3	19	1.0
N-Nitrosopyrrolidine	ND	ug/L	4.6	9.3	1.0
O,O,O-Triethylphosphorothioate	ND	ug/L	0.89	9.3	1.0
o-Toluidine	ND	ug/L	0.58	9.3	1.0
Ethyl Parathion	ND	ug/L	1.5	9.3	1.0
p-Dimethylamino azobenzene	ND	ug/L	1.1	9.3	1.0
Pentachlorobenzene	ND	ug/L	1.9	9.3	1.0
Pentachloronitrobenzene	ND	ug/L	0.71	19	1.0
Pentachlorophenol	ND	ug/L	1.4	23	1.0
Phenacetin	ND	ug/L	1.4	19	1.0
Phenanthrene	ND	ug/L	0.034	9.3	1.0
Phenol	ND	ug/L	0.65	9.3	1.0
Phorate	ND	ug/L	1.2	9.3	1.0
Pronamide	ND	ug/L	0.59	9.3	1.0
Pyrene	ND	ug/L	0.040	9.3	1.0
Safrole	ND	ug/L	0.44	9.3	1.0
Thionazin	ND	ug/L	1.3	19	1.0
Kepone	ND	ug/L	5.2	19	1.0

Surrogate			Acceptance Limits
2,4,6-Tribromophenol	94	%	30 - 136
2-Fluorobiphenyl	81	%	37 - 123
2-Fluorophenol	44	%	20 - 110
Nitrobenzene-d5	74	%	35 - 120
Phenol-d5	28	%	10 - 115
Terphenyl-d14	90	%	31 - 127

Method: 8081A Date Analyzed: 10/07/2007 2040
Prep Method: 3510C Date Prepared: 09/19/2007 0919

4,4'-DDD	ND	ug/L	0.019	0.093	1.0
4,4'-DDE	ND	ug/L	0.011	0.093	1.0
4,4'-DDT	ND	ug/L	0.014	0.093	1.0
Aldrin	ND	ug/L	0.025	0.047	1.0
alpha-BHC	ND	ug/L	0.013	0.047	1.0
beta-BHC	ND	ug/L	0.015	0.047	1.0
Chlordane (technical)	ND	ug/L	0.055	0.47	1.0

Ms. Betsy Sara
TestAmerica Laboratories, Inc.
4955 Yarrow Street
Arvada, CO 80002

Job Number: 500-6558-1

Client Sample ID: 3406-MW09R
Lab Sample ID: 500-6558-1

Date Sampled: 09/12/2007 1816
Date Received: 09/14/2007 0945
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
delta-BHC	ND	ug/L	0.021	0.047	1.0
Dieldrin	ND	ug/L	0.045	0.070	1.0
Endosulfan I	ND	ug/L	0.0084	0.093	1.0
Endosulfan II	ND	ug/L	0.013	0.093	1.0
Endosulfan sulfate	ND	ug/L	0.032	0.093	1.0
Endrin	ND	ug/L	0.022	0.093	1.0
Endrin aldehyde	ND	ug/L	0.034	0.093	1.0
gamma-BHC (Lindane)	ND	ug/L	0.014	0.047	1.0
Heptachlor	ND	ug/L	0.019	0.047	1.0
Heptachlor epoxide	ND	ug/L	0.012	0.070	1.0
Methoxychlor	ND	ug/L	0.036	0.93	1.0
Toxaphene	ND	ug/L	0.33	1.4	1.0
Surrogate				Acceptance Limits	
DCB Decachlorobiphenyl	76	%		20 - 120	
Tetrachloro-m-xylene	82	%		31 - 121	
Method: 8151A		Date Analyzed:		09/23/2007 2336	
Prep Method: 8151A		Date Prepared:		09/17/2007 0927	
2,4-D	ND	ug/L	0.38	1.9	1.0
Silvex (2,4,5-TP)	ND	ug/L	0.022	1.9	1.0
2,4,5-T	ND	ug/L	0.042	1.9	1.0
Dinoseb	ND	ug/L	0.039	0.93	1.0
Surrogate				Acceptance Limits	
DCAA	76	%		42 - 120	

DATA REPORTING QUALIFIERS

Client: TestAmerica Laboratories, Inc.

Job Number: 500-6558-1

Lab Section	Qualifier	Description
GC/MS Semi VOA		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC Semi VOA		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: TestAmerica Laboratories, Inc.

Job Number: 500-6558-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 500-22717					
LCS 500-22717/2-A	Lab Control Spike	T	Water	3510C	
MB 500-22717/1-A	Method Blank	T	Water	3510C	
500-6558-1	3406-MW09R	T	Water	3510C	
Analysis Batch:500-23473					
LCS 500-22717/2-A	Lab Control Spike	T	Water	8270C	500-22717
MB 500-22717/1-A	Method Blank	T	Water	8270C	500-22717
500-6558-1	3406-MW09R	T	Water	8270C	500-22717

Report Basis
T = Total

GC Semi VOA					
Prep Batch: 500-22648					
LCS 500-22648/2-A	Lab Control Spike	T	Water	8151A	
MB 500-22648/1-A	Method Blank	T	Water	8151A	
500-6558-1	3406-MW09R	T	Water	8151A	
Prep Batch: 500-22798					
LCS 500-22798/2-A	Lab Control Spike	T	Water	3510C	
MB 500-22798/1-A	Method Blank	T	Water	3510C	
500-6558-1	3406-MW09R	T	Water	3510C	
Analysis Batch:500-23067					
LCS 500-22648/2-A	Lab Control Spike	T	Water	8151A	500-22648
MB 500-22648/1-A	Method Blank	T	Water	8151A	500-22648
500-6558-1	3406-MW09R	T	Water	8151A	500-22648
Analysis Batch:500-23666					
LCS 500-22798/2-A	Lab Control Spike	T	Water	8081A	500-22798
MB 500-22798/1-A	Method Blank	T	Water	8081A	500-22798
Analysis Batch:500-23971					
500-6558-1	3406-MW09R	T	Water	8081A	500-22798

Report Basis
T = Total

Client: TestAmerica Laboratories, Inc.

Job Number: 500-6558-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	FBP %Rec	NBZ %Rec	PHL %Rec	TBP %Rec	TPH %Rec
500-6558-1	3406-MW09R	44	81	74	28	94	90
LCS 500-22717/2-A		55	91	81	37	102	109
MB 500-22717/1-A		61	97	88	40	102	114

Surrogate		Acceptance Limits
2FP	2-Fluorophenol	20 - 110
FBP	2-Fluorobiphenyl	37 - 123
NBZ	Nitrobenzene-d5	35 - 120
PHL	Phenol-d5	10 - 115
TBP	2,4,6-Tribromophenol	30 - 136
TPH	Terphenyl-d14	31 - 127

Client: TestAmerica Laboratories, Inc.

Job Number: 500-6558-1

Surrogate Recovery Report

8081A Pesticides

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	TCX1 %Rec
500-6558-1	3406-MW09R	76	82
LCS 500-22798/2-A		68	87
MB 500-22798/1-A		79	87

Surrogate		Acceptance Limits
DCB	DCB Decachlorobiphenyl	20 - 120
TCX	Tetrachloro-m-xylene	31 - 121

Client: TestAmerica Laboratories, Inc.

Job Number: 500-6558-1

Surrogate Recovery Report

8151A Chlorinated Herbicides by GC

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCPA1 %Rec
500-6558-1	3406-MW09R	76
LCS 500-22648/2-A		75
MB 500-22648/1-A		71

Surrogate		Acceptance Limits
DCPA	DCAA	42 - 120

Client: TestAmerica Laboratories, Inc.

Job Number: 500-6558-1

Method Blank - Batch: 500-22717

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 500-22717/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/28/2007 1300
Date Prepared: 09/18/2007 0925

Analysis Batch: 500-23473
Prep Batch: 500-22717
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 22717M.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
1,2,4,5-Tetrachlorobenzene	ND		2.0	10
1,2,4-Trichlorobenzene	ND		0.28	10
1,3,5-Trinitrobenzene	ND		1.2	10
1,4-Naphthoquinone	ND		1.6	10
1-Naphthylamine	ND		2.1	10
2,2'-oxybis[1-chloropropane]	ND		0.23	10
2,3,4,6-Tetrachlorophenol	ND		1.4	10
2,4,5-Trichlorophenol	ND		1.4	10
2,4,6-Trichlorophenol	ND		1.4	10
2,4-Dichlorophenol	ND		1.6	10
2,4-Dimethylphenol	ND		1.6	10
2,4-Dinitrophenol	ND		8.3	50
2,4-Dinitrotoluene	ND		0.29	10
2,6-Dichlorophenol	ND		5.0	10
2,6-Dinitrotoluene	ND		0.19	10
2-Acetylaminofluorene	ND		1.2	20
2-Chloronaphthalene	ND		0.26	10
2-Chlorophenol	ND		1.5	10
2-Methylnaphthalene	ND		0.029	10
2-Methylphenol	ND		0.27	10
2-Naphthylamine	ND		2.4	10
2-Nitroaniline	ND		1.2	50
2-Nitrophenol	ND		1.6	10
3,3'-Dichlorobenzidine	ND		1.1	20
3-Methylcholanthrene	ND		1.1	10
3-Nitroaniline	ND		1.6	50
4,6-Dinitro-2-methylphenol	ND		1.9	50
4-Aminobiphenyl	ND		1.8	20
4-Bromophenyl phenyl ether	ND		1.0	10
4-Chloro-3-methylphenol	ND		1.4	20
4-Chloroaniline	ND		1.4	20
4-Chlorophenyl phenyl ether	ND		1.1	10
4-Methylphenol	ND		0.19	10
4-Nitroaniline	ND		1.2	20
4-Nitrophenol	ND		3.3	50
5-Nitro-o-toluidine	ND		1.0	10
7,12-Dimethylbenz(a)anthracene	ND		1.8	10
Acenaphthene	ND		0.032	10
Acenaphthylene	ND		0.038	10
Acetophenone	ND		10	10
Anthracene	ND		0.039	10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: TestAmerica Laboratories, Inc.

Job Number: 500-6558-1

Method Blank - Batch: 500-22717

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 500-22717/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/28/2007 1300
Date Prepared: 09/18/2007 0925

Analysis Batch: 500-23473
Prep Batch: 500-22717
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 22717M.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Benzo[a]anthracene	ND		0.041	10
Benzo[a]pyrene	ND		0.038	10
Benzo[b]fluoranthene	ND		0.046	10
Benzo[g,h,i]perylene	ND		0.042	10
Benzo[k]fluoranthene	ND		0.042	10
Benzyl alcohol	ND		1.2	20
Bis(2-chloroethoxy)methane	ND		0.34	10
Bis(2-chloroethyl)ether	ND		0.27	10
Bis(2-ethylhexyl) phthalate	ND		1.2	15
Butyl benzyl phthalate	ND		0.29	10
Ethyl 4,4'-Dichlorobenzilate	ND		0.96	10
Chrysene	ND		0.038	10
Diallate	ND		0.70	10
Dibenz(a,h)anthracene	ND		0.040	10
Dibenzofuran	ND		0.26	10
Diethyl phthalate	ND		0.32	10
Dimethoate	ND		2.0	20
Dimethyl phthalate	ND		0.32	10
Di-n-butyl phthalate	ND		1.2	10
Di-n-octyl phthalate	ND		1.1	10
Diphenylamine	ND		0.42	10
Disulfoton	ND		1.4	10
Ethyl methanesulfonate	ND		0.93	20
Famphur	ND		1.8	20
Fluoranthene	ND		0.043	10
Fluorene	ND		0.035	10
Hexachlorobenzene	ND		0.059	10
Hexachlorobutadiene	ND		1.2	10
Hexachloroethane	ND		1.1	10
Indeno[1,2,3-cd]pyrene	ND		0.039	10
Isodrin	ND		1.8	20
Isophorone	ND		0.23	10
Isosafrole	ND		0.70	10
1,3-Dinitrobenzene	ND		1.6	20
Methapyrilene	ND		8.0	100
Methyl methanesulfonate	ND		0.62	10
Methyl parathion	ND		1.7	10
Naphthalene	ND		0.035	10
Nitrobenzene	ND		0.26	10
N-Nitrosodiethylamine	ND		2.5	20
N-Nitrosodimethylamine	ND		3.4	10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TestAmerica Laboratories, Inc.

Job Number: 500-6558-1

Method Blank - Batch: 500-22717

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 500-22717/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/28/2007 1300
Date Prepared: 09/18/2007 0925

Analysis Batch: 500-23473
Prep Batch: 500-22717
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 22717M.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
N-Nitrosodi-n-butylamine	ND		2.5	10
N-Nitrosodi-n-propylamine	ND		0.34	10
N-Nitrosodiphenylamine	ND		0.26	10
N-Nitrosomethylethylamine	ND		2.5	10
N-Nitrosopiperidine	ND		2.5	20
N-Nitrosopyrrolidine	ND		5.0	10
O,O,O-Triethylphosphorothioate	ND		0.96	10
o-Toluidine	ND		0.63	10
Ethyl Parathion	ND		1.6	10
p-Dimethylamino azobenzene	ND		1.2	10
Pentachlorobenzene	ND		2.0	10
Pentachloronitrobenzene	ND		0.77	20
Pentachlorophenol	ND		1.5	25
Phenacetin	ND		1.5	20
Phenanthrene	ND		0.037	10
Phenol	ND		0.70	10
Phorate	ND		1.3	10
Pronamide	ND		0.64	10
Pyrene	ND		0.043	10
Safrole	ND		0.47	10
Thionazin	ND		1.4	20
Kepone	ND		5.6	20

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	102	30 - 136
2-Fluorobiphenyl	97	37 - 123
2-Fluorophenol	61	20 - 110
Nitrobenzene-d5	88	35 - 120
Phenol-d5	40	10 - 115
Terphenyl-d14	114	31 - 127

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: TestAmerica Laboratories, Inc.

Job Number: 500-6558-1

Lab Control Spike - Batch: 500-22717

Method: 8270C
Preparation: 3510C

Lab Sample ID: LCS 500-22717/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/28/2007 1432
Date Prepared: 09/18/2007 0925

Analysis Batch: 500-23473
Prep Batch: 500-22717
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 22717BS.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,4-Trichlorobenzene	50.0	41.0	82	41 - 110	
2,2'-oxybis[1-chloropropane]	50.0	34.0	68	47 - 111	
2,4,5-Trichlorophenol	50.0	45.9	92	63 - 118	
2,4,6-Trichlorophenol	50.0	43.9	88	58 - 116	
2,4-Dichlorophenol	50.0	44.8	90	58 - 110	
2,4-Dimethylphenol	50.0	23.4	47	20 - 135	
2,4-Dinitrophenol	50.0	46.6	93	24 - 147	J
2,4-Dinitrotoluene	50.0	50.7	101	64 - 119	
2,6-Dinitrotoluene	50.0	44.8	90	64 - 119	
2-Chloronaphthalene	50.0	41.5	83	53 - 110	
2-Chlorophenol	50.0	41.9	84	55 - 110	
2-Methylnaphthalene	50.0	41.7	83	48 - 110	
2-Methylphenol	50.0	34.5	69	39 - 110	
2-Nitroaniline	50.0	40.2	80	53 - 125	J
2-Nitrophenol	50.0	48.6	97	60 - 112	
3,3'-Dichlorobenzidine	50.0	48.8	98	45 - 124	
3-Nitroaniline	50.0	47.3	95	59 - 126	J
4,6-Dinitro-2-methylphenol	50.0	40.6	81	52 - 127	J
4-Bromophenyl phenyl ether	50.0	44.0	88	61 - 116	
4-Chloro-3-methylphenol	50.0	41.5	83	57 - 110	
4-Chloroaniline	50.0	46.8	94	49 - 117	
4-Chlorophenyl phenyl ether	50.0	43.9	88	62 - 111	
4-Methylphenol	50.0	33.6	67	35 - 110	
4-Nitroaniline	50.0	43.9	88	48 - 125	
4-Nitrophenol	50.0	18.7	37	20 - 110	J
Acenaphthene	50.0	41.5	83	54 - 110	
Acenaphthylene	50.0	41.1	82	56 - 110	
Anthracene	50.0	39.6	79	57 - 110	
Benzo[a]anthracene	50.0	43.5	87	55 - 112	
Benzo[a]pyrene	50.0	44.9	90	48 - 112	
Benzo[b]fluoranthene	50.0	44.6	89	46 - 122	
Benzo[g,h,i]perylene	50.0	46.8	94	47 - 121	
Benzo[k]fluoranthene	50.0	43.6	87	42 - 120	
Benzyl alcohol	50.0	34.9	70	46 - 110	
Bis(2-chloroethoxy)methane	50.0	42.2	84	59 - 110	
Bis(2-chloroethyl)ether	50.0	38.3	77	55 - 110	
Bis(2-ethylhexyl) phthalate	50.0	44.0	88	60 - 121	
Butyl benzyl phthalate	50.0	45.2	90	63 - 115	
Chrysene	50.0	43.2	86	53 - 121	
Dibenz(a,h)anthracene	50.0	48.0	96	48 - 117	
Dibenzofuran	50.0	42.1	84	60 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: TestAmerica Laboratories, Inc.

Job Number: 500-6558-1

Lab Control Spike - Batch: 500-22717

Method: 8270C
Preparation: 3510C

Lab Sample ID: LCS 500-22717/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/28/2007 1432
Date Prepared: 09/18/2007 0925

Analysis Batch: 500-23473
Prep Batch: 500-22717
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 22717BS.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diethyl phthalate	50.0	39.8	80	67 - 110	
Dimethyl phthalate	50.0	41.4	83	67 - 110	
Di-n-butyl phthalate	50.0	41.6	83	65 - 115	
Di-n-octyl phthalate	50.0	43.9	88	52 - 123	
Fluoranthene	50.0	40.6	81	61 - 110	
Fluorene	50.0	41.2	82	57 - 110	
Hexachlorobenzene	50.0	43.5	87	57 - 116	
Hexachlorobutadiene	50.0	43.3	87	34 - 110	
Hexachloroethane	50.0	37.5	75	34 - 110	
Indeno[1,2,3-cd]pyrene	50.0	46.6	93	43 - 119	
Isophorone	50.0	36.3	73	59 - 110	
Naphthalene	50.0	39.4	79	48 - 110	
Nitrobenzene	50.0	41.7	83	54 - 111	
N-Nitrosodimethylamine	50.0	22.5	45	20 - 110	
N-Nitrosodi-n-propylamine	50.0	39.9	80	50 - 110	
N-Nitrosodiphenylamine	50.0	40.7	81	58 - 110	
Pentachlorophenol	50.0	34.2	68	32 - 124	
Phenanthrene	50.0	40.0	80	62 - 110	
Phenol	50.0	17.9	36	23 - 110	
Pyrene	50.0	44.7	89	58 - 119	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	102	30 - 136
2-Fluorobiphenyl	91	37 - 123
2-Fluorophenol	55	20 - 110
Nitrobenzene-d5	81	35 - 120
Phenol-d5	37	10 - 115
Terphenyl-d14	109	31 - 127

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: TestAmerica Laboratories, Inc.

Job Number: 500-6558-1

Method Blank - Batch: 500-22798

Method: 8081A
Preparation: 3510C

Lab Sample ID: MB 500-22798/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/02/2007 1140
Date Prepared: 09/19/2007 0919

Analysis Batch: 500-23666
Prep Batch: 500-22798
Units: ug/L

Instrument ID: HP 6890 GC
Lab File ID: 10010715_031.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10.0 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
4,4'-DDD	ND		0.020	0.10
4,4'-DDE	ND		0.012	0.10
4,4'-DDT	ND		0.015	0.10
Aldrin	ND		0.027	0.050
alpha-BHC	ND		0.014	0.050
beta-BHC	ND		0.016	0.050
Chlordane (technical)	ND		0.059	0.50
delta-BHC	ND		0.023	0.050
Dieldrin	ND		0.048	0.075
Endosulfan I	ND		0.0090	0.10
Endosulfan II	ND		0.014	0.10
Endosulfan sulfate	ND		0.034	0.10
Endrin	ND		0.024	0.10
Endrin aldehyde	ND		0.036	0.10
gamma-BHC (Lindane)	ND		0.015	0.050
Heptachlor	ND		0.020	0.050
Heptachlor epoxide	ND		0.013	0.075
Methoxychlor	ND		0.038	1.0
Toxaphene	ND		0.35	1.5

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	79	20 - 120
Tetrachloro-m-xylene	87	31 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: TestAmerica Laboratories, Inc.

Job Number: 500-6558-1

Lab Control Spike - Batch: 500-22798

Method: 8081A
Preparation: 3510C

Lab Sample ID: LCS 500-22798/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/02/2007 1220
Date Prepared: 09/19/2007 0919

Analysis Batch: 500-23666
Prep Batch: 500-22798
Units: ug/L

Instrument ID: HP 6890 GC
Lab File ID: 10010715_032.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10.0 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.400	0.373	93	75 - 114	
4,4'-DDE	0.400	0.358	89	71 - 110	
4,4'-DDT	0.400	0.392	98	66 - 115	
Aldrin	0.400	0.341	85	66 - 110	
alpha-BHC	0.400	0.372	93	73 - 110	
beta-BHC	0.400	0.373	93	72 - 111	
delta-BHC	0.400	0.390	97	71 - 121	
Dieldrin	0.400	0.372	93	73 - 110	
Endosulfan I	0.400	0.269	67	20 - 115	
Endosulfan II	0.400	0.305	76	30 - 113	
Endosulfan sulfate	0.400	0.383	96	68 - 116	
Endrin	0.400	0.386	96	63 - 119	
Endrin aldehyde	0.400	0.414	103	71 - 125	
gamma-BHC (Lindane)	0.400	0.376	94	75 - 110	
Heptachlor	0.400	0.377	94	69 - 110	
Heptachlor epoxide	0.400	0.369	92	73 - 110	
Methoxychlor	0.400	0.399	100	67 - 113	J

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	68	20 - 120
Tetrachloro-m-xylene	87	31 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TestAmerica Laboratories, Inc.

Job Number: 500-6558-1

Method Blank - Batch: 500-22648

Method: 8151A
Preparation: 8151A

Lab Sample ID: MB 500-22648/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/23/2007 1706
Date Prepared: 09/17/2007 0927

Analysis Batch: 500-23067
Prep Batch: 500-22648
Units: ug/L

Instrument ID: HP 5890 GC
Lab File ID: 09230729_021.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10.0 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
2,4-D	ND		0.41	2.0
Silvex (2,4,5-TP)	ND		0.024	2.0
2,4,5-T	ND		0.045	2.0
Dinoseb	ND		0.042	1.0

Surrogate	% Rec	Acceptance Limits
DCAA	71	42 - 120

Lab Control Spike - Batch: 500-22648

Method: 8151A
Preparation: 8151A

Lab Sample ID: LCS 500-22648/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/23/2007 1736
Date Prepared: 09/17/2007 0927

Analysis Batch: 500-23067
Prep Batch: 500-22648
Units: ug/L

Instrument ID: HP 5890 GC
Lab File ID: 09230729_022.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10.0 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4-D	2.56	1.03	40	11 - 110	J
Silvex (2,4,5-TP)	0.510	0.336	66	39 - 110	J
2,4,5-T	0.510	0.238	47	26 - 113	J
Dinoseb	0.505	0.222	44	10 - 141	J

Surrogate	% Rec	Acceptance Limits
DCAA	75	42 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Severn Trent Laboratories, Inc.

SAMPLE ANALYSIS REQUISITION

500-6558

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Laboratory **TestAmerica Chicago**
STL Chicago
2417 Bond Street
University Park, IL 60466

Report Package: **STL Standard Report**

Lab Request SR096116

Need Analytical Report 2007-09-25

Client Code: 394986

Project Manager:

Sample I.D.	Work Order Number	Client Sample ID	Sampling Date	Analysis Required
D7I130170-1	J6P4Q	MW09R	2007-09-12 18:16	WATER, 8270C (TAL Chicago)
D7I130170-1	J6P4Q	MW09R	2007-09-12 18:16	WATER, 8081A (TAL Chicago)
D7I130170-1	J6P4Q	MW09R	2007-09-12 18:16	WATER, 8151A (TAL Chicago)

Please use Client Sample ID for report

Call with questions at 303-736-0100

Shipping Method:

Need detection limit and analysis date included in report.

Please send a signed copy of this form with the report at completion of analysis.

Relinquished by: _____ Date/Time: 9/13/07 1600

Relinquished by: _____ Date/Time: _____

Received for lab by: _____ Date/Time: 9/1

TAL 9/14/07 0945

PLEASE RETURN ORIGINAL SAMPLE ANALYSIS REQUISITION

Login Sample Receipt Check List

Client: TestAmerica Laboratories, Inc.

Job Number: 500-6558-1

Login Number: 6558
Creator: Lunt, Jeff T
List Number: 1

List Source: TestAmerica Chicago

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	2.2
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515

www.encolabs.com

Tuesday, September 25, 2007

TestAmerica - Denver (TE012)

Attn: Betsy Sara

4955 Yarrow Street

Arvada, CO 80033

RE: Laboratory Results for
Project Number: [none], Project Name/Desc: Piedmont Landfill
ENCO Workorder: C713323

Dear Betsy Sara,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, September 13, 2007.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Stephanie Franz For Chuck Smith
Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 8.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW09R Lab ID: C713323-01 Sampled: 09/12/07 18:16 Received: 09/13/07 10:45

Parameter	Hold Date/Time(s)		Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8270C	09/19/07	10/24/07	09/14/07 15:27	9/21/2007 22:45

SAMPLE DETECTION SUMMARY

No positive results detected.

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ANALYTICAL RESULTS

Description: MW09R
Matrix: Water
Project: Piedmont Landfill

Lab Sample ID: C713323-01
Sampled: 09/12/07 18:16
Sampled By:

Received: 09/13/07 10:45
Work Order: C713323

Semivolatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,4-Phenylenediamine [106-50-3] *	4.0	U	ug/L	1	4.0	10	10	EPA 8270C	09/21/07 22:45	DFM	
3,3'-Dimethylbenzidine [119-93-7] *	3.0	U	ug/L	1	3.0	10	10	EPA 8270C	09/21/07 22:45	DFM	
Hexachlorocyclopentadiene [77-47-4] *	2.0	U	ug/L	1	2.0	10	10	EPA 8270C	09/21/07 22:45	DFM	
Hexachloropropene [1888-71-7] *	1.1	U	ug/L	1	1.1	10	10	EPA 8270C	09/21/07 22:45	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*83*	*1*	*100*	*83 %*	*45-131*	*7I14015*	*EPA 8270C*	*09/21/07 22:45*	*DFM*	
2-Fluorobiphenyl	*37*	*1*	*50.0*	*74 %*	*47-102*	*7I14015*	*EPA 8270C*	*09/21/07 22:45*	*DFM*	
2-Fluorophenol	*55*	*1*	*100*	*55 %*	*15-101*	*7I14015*	*EPA 8270C*	*09/21/07 22:45*	*DFM*	
Nitrobenzene-d5	*37*	*1*	*50.0*	*73 %*	*41-102*	*7I14015*	*EPA 8270C*	*09/21/07 22:45*	*DFM*	
Phenol-d5	*45*	*1*	*100*	*45 %*	*10-97*	*7I14015*	*EPA 8270C*	*09/21/07 22:45*	*DFM*	
Terphenyl-d14	*43*	*1*	*50.0*	*87 %*	*73-132*	*7I14015*	*EPA 8270C*	*09/21/07 22:45*	*DFM*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 7I14015 - EPA 3510C_MS

Blank (7I14015-BLK1) Prepared: 09/14/2007 15:27 Analyzed: 09/21/2007 17:46

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Phenylenediamine	4.0	U	10	ug/L							
3,3'-Dimethylbenzidine	3.0	U	10	ug/L							
Hexachlorocyclopentadiene	2.0	U	10	ug/L							
Hexachloropropene	1.1	U	10	ug/L							
Surrogate: 2-Fluorophenol	*52*			*ug/L*	*100*		*52*	*15-101*			
Surrogate: Phenol-d5	*43*			*ug/L*	*100*		*43*	*10-97*			
Surrogate: Nitrobenzene-d5	*34*			*ug/L*	*50.0*		*67*	*41-102*			
Surrogate: 2-Fluorobiphenyl	*33*			*ug/L*	*50.0*		*66*	*47-102*			
Surrogate: 2,4,6-Tribromophenol	*72*			*ug/L*	*100*		*72*	*45-131*			
Surrogate: Terphenyl-d14	*43*			*ug/L*	*50.0*		*87*	*73-132*			

LCS (7I14015-BS1) Prepared: 09/14/2007 15:27 Analyzed: 09/21/2007 18:17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4-Dinitrotoluene	48		10	ug/L	50.0		96	58-114			
2-Chlorophenol	39		10	ug/L	50.0		79	53-86			
4-Chloro-3-methylphenol	41		10	ug/L	50.0		82	52-107			
4-Nitrophenol	28		10	ug/L	50.0		55	39-85			
Acenaphthene	33		10	ug/L	50.0		66	43-98			
N-Nitroso-di-n-propylamine	54		10	ug/L	50.0		108	49-90			
Phenol	27		10	ug/L	50.0		53	31-59			
Pyrene	54		10	ug/L	50.0		108	79-130			

Matrix Spike (7I14015-MS1) Prepared: 09/14/2007 15:27 Analyzed: 09/21/2007 19:17

Source: C712987-07

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4-Dinitrotoluene	51		10	ug/L	50.0	1.2 U	103	58-114			
2-Chlorophenol	41		10	ug/L	50.0	2.0 U	82	53-86			
4-Chloro-3-methylphenol	42		10	ug/L	50.0	1.4 U	84	52-107			
4-Nitrophenol	33		10	ug/L	50.0	1.2 U	66	39-85			
Acenaphthene	39		10	ug/L	50.0	1.4 U	77	43-98			
N-Nitroso-di-n-propylamine	57		10	ug/L	50.0	2.1 U	114	49-90			
Phenol	27		10	ug/L	50.0	1.5 U	55	31-59			
Pyrene	56		10	ug/L	50.0	1.3 U	111	79-130			

Matrix Spike Dup (7I14015-MSD1) Prepared: 09/14/2007 15:27 Analyzed: 09/21/2007 19:47

Source: C712987-07

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4-Dinitrotoluene	50		10	ug/L	50.0	1.2 U	99	58-114	3	16	
2-Chlorophenol	34		10	ug/L	50.0	2.0 U	67	53-86	20	20	
4-Chloro-3-methylphenol	37		10	ug/L	50.0	1.4 U	75	52-107	11	12	
4-Nitrophenol	34		10	ug/L	50.0	1.2 U	68	39-85	3	10	
Acenaphthene	35		10	ug/L	50.0	1.4 U	70	43-98	11	20	
N-Nitroso-di-n-propylamine	47		10	ug/L	50.0	2.1 U	94	49-90	20	21	
Phenol	23		10	ug/L	50.0	1.5 U	46	31-59	17	20	

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QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 7I14015 - EPA 3510C_MS

Matrix Spike Dup (7I14015-MSD1) Continued Prepared: 09/14/2007 15:27 Analyzed: 09/21/2007 19:47

Source: C712987-07

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Pyrene	51		10	ug/L	50.0	1.3 U	103	79-130	8	15	

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

C713323

STL-4124 (0901)

Client: STL - COLORADO	Project Manager: BETSY SARA / MARK SNYDER	Date: 9-12-07	Chain of Custody Number: 354747
Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 1
City / State / Zip Code	Site Contact	Lab Contact: BETSY SARA	
Project Name and Location (State): PIEDMONT L/F WASTE MANAGEMENT, NC	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sediment	Soil		Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		Analysis (Attach list if more space is needed): SVOA	PCB	Special Instructions/ Conditions of Receipt
MW09R	9-12	1816		X				5							3	2	(*) PLEASE CONTACT MARK SNYDER @ 770-805-3529 FOR ASSISTANCE.

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	9-12-07	2130	1. Received By	9/13/07	10:45
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: Rec'd 5.3°C

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

ENCO www.encolabs.com

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

97

STL-4124 (0901)

C713323

Client	Project Manager	Date	Chain of Custody Number
STL - COLORADO	BETSY SARA / MARK SNYDER	9-12-07	354747
Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 1

City	State	Zip Code	Site Contact	Lab Contact
				BETSY SARA

Project Name and Location (State): PIEDMONT L/F WASTE MANAGEMENT, NC

Carrier/Waybill Number:

Contract/Purchase Order/Quote No.:

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	SVOA	PCB	Special Instructions/ Conditions of Receipt
MW09R	9-12	1816		X			5						3	2	(*) PLEASE CONTACT MARK SNYDER @ 770-805-3529 FOR ASSISTANCE.

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other_____

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: [signature]	9-12-07	2130	1. Received By: [signature]	9/13/07	10:45
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: Rec'd 5.3°C

STRIE | I: WI | Return | lient w | port: (| Y - St | the S | PINK | Copy

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Chain of Custody Record

SEVERN TRENT **STL**
Severn Trent Laboratories, Inc.

98

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
WM	MARK SNYDER	9-12-07	354754
Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 1
City / State / Zip Code	Site Contact	Lab Contact: Betty Sara	
Project Name and Location (State): Piedmont	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: 134 26744-J			

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Metals (tot)	VOA	Alk/TDS/SO4/Cl	TOC/NH3	NO3 (353.2)	8270C-BNAs	8081A/8082	8151A-Herbs	Tl, Sulfide	8011	CN	SO4	Special Instructions/ Conditions of Receipt
MW09R	9-12	1816		X									1	3	1	1	1	3	2	2	1	✓	1	3	
TRIP	9-12	—		X						X				X											

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other_____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	9-12-07	~~1930~~ 1854	1. Received By: [signature]	9/13/07	0830
2. Relinquished By		2130	2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: MW09R (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: D7I130170-00

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
091207	1759	17	25	13	05

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Purging Device: C

Sampling Device: C

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other:

Filter Device: Y or N — 0.45 µ or ___ µ (circle or fill in)

Filter Type: —

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A

A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 76495 (ft/msl)

Depth to Water (DTW) (from TOC): 2735 (ft)

Groundwater Elevation (site datum, from TOC): 73760 (ft/msl)

Total Well Depth (from TOC): 4295 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit l/min	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1803	0.29 1st	573 1st	569	164	06	07	40	
1805	0.29 2nd	570 2nd	560	164	02	07	70	
1807	0.29 3rd	568 3rd	549	163	03	07	120	
1809	0.29 4th	566 4th	542	163	02	07	170	
1811	0.29	565	539	163	03	07	200	
1813	0.29	564	537	163	03	07	220	
1815	0.29	563	536	163	02	07	240	274
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ___ Units ___
091207	563	536	163	02	07	240	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: No sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: PC, 80°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

CALC: 42.95 - 27.35 = 15.60 x 0.163 = 2.54 gallons (9.54 l)

FLOW: 290 ml/l

ACTUAL PURGE VOL.: 17 min @ 0.29 l/m = 4.93 l (1.31 gallons)

SAMPLE WELL 1816

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/12/07	DAN ARMOUR	[signature]	PRO-TECH
___/___/___			

-99-

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

APPENDIX 1 – PART 4

LABORATORY ANALYTICAL RESULTS

Leachate

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Project No. Site 134

Piedmont Landfill

Lot #: D7I140196

Leachate

Mark Snyder

Waste Management Inc.
Southern Area
2859 Paces Ferry Road Suite 1600
Atlanta, GA 30339

Cc: Van Burbach

TestAmerica Denver
North Carolina Certification # 358

Betsy Sara
Project Manager

October 3, 2007

RECEIVED OCT 04 2007

Table Of Contents

Standard Deliverables

Report Contents	Total Number of Pages
Standard Deliverables *The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	70

- **Table of Contents**
- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **Chain-of-Custody**

Case Narrative

Enclosed is the report for two samples received at TestAmerica Denver on September 14, 2007. The results included in this report have been reviewed for compliance with TestAmerica's Laboratory Quality Manual. The results relate only to the samples in this report and meet all requirements of NELAC and any exceptions are noted below. TestAmerica Denver is NELAP approved for all parameters reported. TestAmerica's North Carolina certification number is 358.

This report may include reporting limits (RLs) less than TestAmerica Denver's standard reporting limit. The reported sample results and associated reporting limits are being used specifically to meet the needs of this project. Note that data are not normally reported to these levels without qualification because they are inherently less reliable and potentially less defensible than required by the latest industry standards.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Quality Control Summary for Lots D7I140196

Sample Receiving

The cooler temperature upon receipt at the Denver laboratory was 2.8°C.

The nitric acid preserved volume for metals analysis was received at a neutral pH. Because this sample is a leachate sample, a buffering affect is suspected.

All sample bottles were received in acceptable condition.

Holding Times

All holding times were within established control limits.

Method Blanks

Total Iron Method 6010B and Total Phosphorus Method 365.3 were detected in the Method Blanks below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits. The Method Blank data are included at the end of this report.

Bicarbonate Alkalinity and Total Alkalinity Method 310.1 were detected in the Method Blanks at the reporting limits. Because the Bicarbonate Alkalinity and Total Alkalinity results for the sample 3406-LEACHATE were greater than ten times the results of the Method Blank samples, corrective action was deemed unnecessary.

All other Method Blanks were within established control limits.

Laboratory Control Samples (LCS)

All Laboratory Control Samples were within established control limits.

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

The Matrix Spike and Matrix Spike Duplicate performed on a sample from another client exhibited an MSD recovery outside control limits for Methylene Chloride Method 8260B. Because the corresponding Laboratory Control Sample and the Method Blank sample were within control limits, this anomaly may be due to matrix interference and no corrective action was taken.

The percent recoveries and/or the relative percent difference of the MS/MSD performed on sample 3406-MW09R (D7I130170-001) were not calculated for Total Manganese during Method 6010B because the sample concentration was greater than four times the spike amount.

The Method 350.1 MS/MSD performed on a sample from another client exhibited an RPD result outside the RPD limit for Ammonia. Because the corresponding Matrix Spike and Matrix Spike Duplicate recoveries, Laboratory Control Sample, and Method Blank sample were within control limits, this anomaly is considered to be due to matrix interference and no corrective action was taken.

All other MS/MSD samples were within established control limits.

Organics

The sample 3406-LEACHATE requiring Method 8260B analysis had a pH greater than 2. This is non-compliant with Method 8260B, which requires samples to be preserved with hydrochloric acid to a pH of less than 2. Because this sample is a leachate sample, a buffering affect is suspected.

The Method 8260B reporting limits for the sample 3406-LEACHATE are elevated due to high levels of non-target analytes.

EXECUTIVE SUMMARY - Detection Highlights

D7I140196

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
3406-LEACHATE 09/13/07 14:00 001				
Cadmium	0.067 B	1.0	ug/L	SW846 6020
Arsenic	34	5.0	ug/L	SW846 6020
Antimony	5.6	2.0	ug/L	SW846 6020
Manganese	1900	10	ug/L	SW846 6010B
Lead	3.0 B	10	ug/L	SW846 6010B
Cobalt	21	10	ug/L	SW846 6010B
Potassium	250000	3000	ug/L	SW846 6010B
Magnesium	95000	200	ug/L	SW846 6010B
Calcium	160000	200	ug/L	SW846 6010B
Iron	15000 J	100	ug/L	SW846 6010B
Sodium	940000	5000	ug/L	SW846 6010B
Barium	1000	100	ug/L	SW846 6010B
Chromium	51	10	ug/L	SW846 6010B
Copper	150	15	ug/L	SW846 6010B
Nickel	160	50	ug/L	SW846 6010B
Vanadium	29	25	ug/L	SW846 6010B
Zinc	260	20	ug/L	SW846 6010B
Acetone	640	400	ug/L	SW846 8260B
Benzene	3.7 J	12	ug/L	SW846 8260B
2-Butanone (MEK)	370 J	400	ug/L	SW846 8260B
1,4-Dichlorobenzene	3.7 J	12	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.87 J	20	ug/L	SW846 8260B
Ethylbenzene	6.3 J	20	ug/L	SW846 8260B
2-Hexanone	51 J	200	ug/L	SW846 8260B
4-Methyl-2-pentanone	12 J	400	ug/L	SW846 8260B
Tetrachloroethene	4.8 J	12	ug/L	SW846 8260B
Toluene	4.6 J	20	ug/L	SW846 8260B
Trichloroethene	1.0 J	12	ug/L	SW846 8260B
Xylenes (total)	23	16	ug/L	SW846 8260B
Total Dissolved Solids	4000 Q	20	mg/L	MCAWW 160.1
Total Suspended Solids	54	4.0	mg/L	MCAWW 160.2
Biochemical Oxygen Demand (BOD)	73	2.0	mg/L	MCAWW 405.1
Chloride	1200 Q	15	mg/L	MCAWW 300.0A
Total Organic Carbon	200 Q	20	mg/L	MCAWW 415.1
Total phosphorus	0.19 J	0.050	mg/L	MCAWW 365.3
Sulfate	210 Q	50	mg/L	MCAWW 375.4
Bicarbonate, as CaCO3	2600 J	20	mg/L	MCAWW 310.1
Total Alkalinity	2600 J,Q	20	mg/L	MCAWW 310.1
Ammonia as N	500 Q	4.0	mg/L	MCAWW 350.1
Chemical Oxygen Demand (COD)	580 Q	500	mg/L	MCAWW 410.4

PREPARATION METHODS SUMMARY

D7I140196

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Acid Digestion for Total Metals by ICPMS	SW846 3020A	SW846 6020
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
Ammonia preparation	MCAWW 350.1	MCAWW 350.1
Bicarbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Carbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4	MCAWW 410.4
Chloride	MCAWW 300.0A	MCAWW 300.0A
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Incubation	MCAWW 405.1	MCAWW 405.1
Mercury Sample Preparation	SW846 7470A	SW846 7470A
Non-Filterable Residue (TSS)	MCAWW 160.2	MCAWW 160.2
Potentiometric titration to preselected pH	MCAWW 310.1	MCAWW 310.1
Result obtained by calculation	MCAWW 353.2	MCAWW 353.2
Sulfate	MCAWW 375.4	MCAWW 375.4
Total Organic Carbon	MCAWW 415.1	MCAWW 415.1
Total Phosphorus	MCAWW 365.3	MCAWW 365.3
25 mL Purge-and-Trap	SW846 5030B/826	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

ANALYTICAL METHODS SUMMARY

D7I140196

PARAMETER	ANALYTICAL METHOD
Alkalinity	MCAWW 310.1
Bicarbonate Alkalinity	MCAWW 310.1
Biochemical Oxygen Demand	MCAWW 405.1
Carbonate Alkalinity	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4
Chloride	MCAWW 300.0A
Filterable Residue (TDS)	MCAWW 160.1
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Nitrate	MCAWW 353.2
Nitrogen, Ammonia	MCAWW 350.1
Non-Filterable Residue (TSS)	MCAWW 160.2
Sulfate	MCAWW 375.4
Total phosphorus	MCAWW 365.3
Total Organic Carbon	MCAWW 415.1
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D7I140196

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 160.1	ReAnna Davis	002266
MCAWW 160.2	ReAnna Davis	002266
MCAWW 300.0A	Grant Henshaw	004878
MCAWW 310.1	Danielle M. Fougere	006481
MCAWW 350.1	Kevin Bloom	006134
MCAWW 353.2	Kevin Bloom	006134
MCAWW 365.3	Kim Bertha	007985
MCAWW 375.4	Kim Bertha	007985
MCAWW 405.1	Danielle M. Fougere	006481
MCAWW 410.4	Kim Bertha	007985
MCAWW 415.1	Daniel Natan	001552
SW846 6010B	Lynn-Anne Trudell	6645
SW846 6020	Janel Motichka	2862
SW846 7470A	David Wells	5099
SW846 8260B	Jennifer Hazard	007928

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D7I140196

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J6VFR	001	3406-LEACHATE	09/13/07	14:00
J6VFX	002	TRIP	09/13/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Waste Management, Inc.

Client Sample ID: 3406-LEACHATE

GC/MS Volatiles

Lot-Sample #...: D7I140196-001 **Work Order #...:** J6VFR1AG **Matrix.....:** WATER
Date Sampled...: 09/13/07 14:00 **Date Received..:** 09/14/07
Prep Date.....: 09/26/07 **Analysis Date..:** 09/27/07
Prep Batch #...: 7270396 **Analysis Time..:** 03:46
Dilution Factor: 4

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**640**	**400**	**ug/L**	**7.6**
Acrylonitrile	ND	800	ug/L	5.6
Benzene	**3.7 J**	**12**	**ug/L**	**0.64**
Bromochloromethane	ND	12	ug/L	0.40
Bromodichloromethane	ND	12	ug/L	0.68
Bromoform	ND	12	ug/L	0.76
Bromomethane	ND	40	ug/L	0.84
2-Butanone (MEK)	**370 J**	**400**	**ug/L**	**7.3**
Carbon disulfide	ND	400	ug/L	1.8
Carbon tetrachloride	ND	22	ug/L	0.76
Chlorobenzene	ND	12	ug/L	0.68
Dibromochloromethane	ND	12	ug/L	0.68
Chloroethane	ND	40	ug/L	1.6
Chloroform	ND	20	ug/L	0.64
Chloromethane	ND	22	ug/L	1.2
1,2-Dibromo-3-chloropropane (DBCP)	ND	52	ug/L	6.0
1,2-Dibromoethane (EDB)	ND	12	ug/L	0.72
Dibromomethane	ND	40	ug/L	0.68
1,2-Dichlorobenzene	ND	40	ug/L	0.52
1,4-Dichlorobenzene	**3.7 J**	**12**	**ug/L**	**0.64**
trans-1,4-Dichloro-2-butene	ND	400	ug/L	3.2
1,1-Dichloroethane	ND	20	ug/L	0.64
1,2-Dichloroethane	ND	12	ug/L	0.52
cis-1,2-Dichloroethene	**0.87 J**	**20**	**ug/L**	**0.60**
trans-1,2-Dichloroethene	ND	20	ug/L	0.60
1,1-Dichloroethene	ND	20	ug/L	0.56
1,2-Dichloropropane	ND	12	ug/L	0.52
cis-1,3-Dichloropropene	ND	22	ug/L	0.64
trans-1,3-Dichloropropene	ND	22	ug/L	0.76
Ethylbenzene	**6.3 J**	**20**	**ug/L**	**0.64**
2-Hexanone	**51 J**	**200**	**ug/L**	**5.6**
Iodomethane	ND	40	ug/L	0.92
Methylene chloride	ND	22	ug/L	1.3
4-Methyl-2-pentanone	**12 J**	**400**	**ug/L**	**2.0**
Styrene	ND	40	ug/L	0.68
1,1,1,2-Tetrachloroethane	ND	20	ug/L	0.68

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 3406-LEACHATE

GC/MS Volatiles

Lot-Sample #...: D7I140196-001 **Work Order #...:** J6VFR1AG **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	12	ug/L	0.80
Tetrachloroethene	**4.8 J**	**12**	**ug/L**	**0.80**
Toluene	**4.6 J**	**20**	**ug/L**	**0.68**
1,1,1-Trichloroethane	ND	20	ug/L	0.64
1,1,2-Trichloroethane	ND	20	ug/L	1.3
Trichloroethene	**1.0 J**	**12**	**ug/L**	**0.64**
Trichlorofluoromethane	ND	20	ug/L	1.2
1,2,3-Trichloropropane	ND	32	ug/L	1.1
Vinyl acetate	ND	200	ug/L	3.8
Vinyl chloride	ND	22	ug/L	0.68
Xylenes (total)	**23**	**16**	**ug/L**	**0.76**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(79 - 119)
1,2-Dichloroethane-d4	105	(65 - 126)
4-Bromofluorobenzene	103	(75 - 115)
Toluene-d8	101	(78 - 118)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: TRIP

GC/MS Volatiles

Lot-Sample #...: D7I140196-002 **Work Order #...:** J6VFX1AA **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07
Prep Date.....: 09/24/07 **Analysis Date..:** 09/24/07
Prep Batch #...: 7268573 **Analysis Time..:** 23:14
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	100	ug/L	1.9
Acrylonitrile	ND	200	ug/L	1.4
Benzene	ND	3.0	ug/L	0.16
Bromochloromethane	ND	3.0	ug/L	0.10
Bromodichloromethane	ND	3.0	ug/L	0.17
Bromoform	ND	3.0	ug/L	0.19
Bromomethane	ND	10	ug/L	0.21
2-Butanone (MEK)	ND	100	ug/L	1.8
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	5.5	ug/L	0.19
Chlorobenzene	ND	3.0	ug/L	0.17
Dibromochloromethane	ND	3.0	ug/L	0.17
Chloroethane	ND	10	ug/L	0.41
Chloroform	ND	5.0	ug/L	0.16
Chloromethane	ND	5.5	ug/L	0.30
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
1,2-Dibromoethane (EDB)	ND	3.0	ug/L	0.18
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	10	ug/L	0.13
1,4-Dichlorobenzene	ND	3.0	ug/L	0.16
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	ND	5.0	ug/L	0.16
1,2-Dichloroethane	ND	3.0	ug/L	0.13
cis-1,2-Dichloroethene	ND	5.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.15
1,1-Dichloroethene	ND	5.0	ug/L	0.14
1,2-Dichloropropane	ND	3.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	5.5	ug/L	0.16
trans-1,3-Dichloropropene	ND	5.5	ug/L	0.19
Ethylbenzene	ND	5.0	ug/L	0.16
2-Hexanone	ND	50	ug/L	1.4
Iodomethane	ND	10	ug/L	0.23
Methylene chloride	ND	5.5	ug/L	0.32
4-Methyl-2-pentanone	ND	100	ug/L	0.49
Styrene	ND	10	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	0.17

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Waste Management, Inc.

Client Sample ID: TRIP

GC/MS Volatiles

Lot-Sample #...: D7I140196-002 **Work Order #...:** J6VFX1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	0.20
Tetrachloroethene	ND	3.0	ug/L	0.20
Toluene	ND	5.0	ug/L	0.17
1,1,1-Trichloroethane	ND	5.0	ug/L	0.16
1,1,2-Trichloroethane	ND	5.0	ug/L	0.32
Trichloroethene	ND	3.0	ug/L	0.16
Trichlorofluoromethane	ND	5.0	ug/L	0.29
1,2,3-Trichloropropane	ND	8.0	ug/L	0.27
Vinyl acetate	ND	50*	ug/L	0.94
Vinyl chloride	ND	5.5	ug/L	0.17
Xylenes (total)	ND	4.0	ug/L	0.19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(79 - 119)
1,2-Dichloroethane-d4	108	(65 - 126)
4-Bromofluorobenzene	106	(75 - 115)
Toluene-d8	103	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-LEACHATE

TOTAL Metals

Lot-Sample #...: D7I140196-001 Matrix.....: WATER
Date Sampled...: 09/13/07 14:00 Date Received..: 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7257596						
Potassium	250000	3000	ug/L	SW846 6010B	09/19-09/20/07	J6VFR1AR
		Dilution Factor: 1		Analysis Time..: 09:20	MDL.....: 240	
Magnesium	95000	200	ug/L	SW846 6010B	09/19-09/20/07	J6VFR1AT
		Dilution Factor: 1		Analysis Time..: 09:20	MDL.....: 43	
Calcium	160000	200	ug/L	SW846 6010B	09/19-09/20/07	J6VFR1A0
		Dilution Factor: 1		Analysis Time..: 09:20	MDL.....: 34	
Manganese	1900	10	ug/L	SW846 6010B	09/19-09/20/07	J6VFR1A1
		Dilution Factor: 1		Analysis Time..: 09:20	MDL.....: 1.8	
Iron	15000 J	100	ug/L	SW846 6010B	09/19-09/20/07	J6VFR1A2
		Dilution Factor: 1		Analysis Time..: 09:20	MDL.....: 22	
Sodium	940000	5000	ug/L	SW846 6010B	09/19-09/20/07	J6VFR1A4
		Dilution Factor: 1		Analysis Time..: 09:20	MDL.....: 92	
Barium	1000	100	ug/L	SW846 6010B	09/19-09/25/07	J6VFR1A6
		Dilution Factor: 1		Analysis Time..: 14:14	MDL.....: 1.0	
Chromium	51	10	ug/L	SW846 6010B	09/19-09/20/07	J6VFR1A7
		Dilution Factor: 1		Analysis Time..: 09:20	MDL.....: 2.6	
Copper	150	15	ug/L	SW846 6010B	09/19-09/20/07	J6VFR1A8
		Dilution Factor: 1		Analysis Time..: 09:20	MDL.....: 4.5	
Nickel	160	50	ug/L	SW846 6010B	09/19-09/20/07	J6VFR1A9
		Dilution Factor: 1		Analysis Time..: 09:20	MDL.....: 7.8	
Lead	3.0 B	10	ug/L	SW846 6010B	09/19-09/20/07	J6VFR1CA
		Dilution Factor: 1		Analysis Time..: 09:20	MDL.....: 2.6	
Selenium	ND	15	ug/L	SW846 6010B	09/19-09/20/07	J6VFR1CC
		Dilution Factor: 1		Analysis Time..: 09:20	MDL.....: 4.9	
Vanadium	29	25	ug/L	SW846 6010B	09/19-09/20/07	J6VFR1CD
		Dilution Factor: 1		Analysis Time..: 09:20	MDL.....: 2.5	

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Waste Management, Inc.

Client Sample ID: 3406-LEACHATE

TOTAL Metals

Lot-Sample #...: D7I140196-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	**260**	**20**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VFR1CE**
		Dilution Factor: 1		Analysis Time..: 09:20	MDL.....: 4.5	
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6VFR1CF
		Dilution Factor: 1		Analysis Time..: 09:20	MDL.....: 2.8	
Cobalt	**21**	**10**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6VFR1CG**
		Dilution Factor: 1		Analysis Time..: 09:20	MDL.....: 1.2	
Prep Batch #...: 7260079						
Thallium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J6VFR1AA
		Dilution Factor: 1		Analysis Time..: 00:39	MDL.....: 0.020	
Cadmium	**0.067 B**	**1.0**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VFR1AC**
		Dilution Factor: 1		Analysis Time..: 00:39	MDL.....: 0.040	
Arsenic	**34**	**5.0**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VFR1AD**
		Dilution Factor: 1		Analysis Time..: 00:39	MDL.....: 0.21	
Beryllium	ND	1.0	ug/L	SW846 6020	09/19-09/21/07	J6VFR1AE
		Dilution Factor: 1		Analysis Time..: 00:39	MDL.....: 0.080	
Antimony	**5.6**	**2.0**	**ug/L**	**SW846 6020**	**09/19-09/21/07**	**J6VFR1AF**
		Dilution Factor: 1		Analysis Time..: 00:39	MDL.....: 0.070	
Prep Batch #...: 7264523						
Mercury	ND	0.20	ug/L	SW846 7470A	09/27-09/28/07	J6VFR1AM
		Dilution Factor: 1		Analysis Time..: 17:37	MDL.....: 0.027	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-LEACHATE

General Chemistry

Lot-Sample #...: D7I140196-001 Work Order #...: J6VFR Matrix.....: WATER
Date Sampled...: 09/13/07 14:00 Date Received..: 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	500 Q	4.0	mg/L	MCAWW 350.1	09/20/07	7264253
		Dilution Factor: 100		Analysis Time..: 09:53	MDL.....: 2.2	
Bicarbonate, as CaCO 3	2600 J	20	mg/L	MCAWW 310.1	09/25/07	7268517
		Dilution Factor: 4		Analysis Time..: 14:45	MDL.....: 4.3	
Biochemical Oxygen Demand (BOD)	73	2.0	mg/L	MCAWW 405.1	09/14/07	7257505
		Dilution Factor: 1		Analysis Time..: 13:15	MDL.....: 0.30	
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310.1	09/25/07	7268519
		Dilution Factor: 1		Analysis Time..: 14:45	MDL.....: 1.1	
Chemical Oxygen Demand (COD)	580 Q	500	mg/L	MCAWW 410.4	09/22-09/25/07	7265111
		Dilution Factor: 10		Analysis Time..: 10:00	MDL.....: 41	
Chloride	1200 Q	15	mg/L	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 50		Analysis Time..: 14:36	MDL.....: 13	
Nitrate	ND	0.50	mg/L	MCAWW 353.2	09/14/07	7264459
		Dilution Factor: 1		Analysis Time..: 20:15	MDL.....: 0.019	
Sulfate	210 Q	50	mg/L	MCAWW 375.4	09/19/07	7262437
		Dilution Factor: 10		Analysis Time..: 11:00	MDL.....: 25	
Total phosphorus	0.19 J	0.050	mg/L	MCAWW 365.3	09/18-09/20/07	7263499
		Dilution Factor: 1		Analysis Time..: 10:00	MDL.....: 0.0050	
Total Alkalinity	2600 J,Q	20	mg/L	MCAWW 310.1	09/25/07	7268518
		Dilution Factor: 4		Analysis Time..: 14:45	MDL.....: 4.3	
Total Dissolved Solids	4000 Q	20	mg/L	MCAWW 160.1	09/18/07	7261555
		Dilution Factor: 2		Analysis Time..: 18:45	MDL.....: 9.4	
Total Organic Carbon	200 Q	20	mg/L	MCAWW 415.1	09/20/07	7264318
		Dilution Factor: 20		Analysis Time..: 17:00	MDL.....: 3.1	
Total Suspended Solids	54	4.0	mg/L	MCAWW 160.2	09/18/07	7261557
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 1.1	

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 3406-LEACHATE

General Chemistry

Lot-Sample #...: D7I140196-001 Work Order #...: J6VFR Matrix.....: WATER

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

QC DATA ASSOCIATION SUMMARY

D7I140196

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	MCAWW 160.1		7261555	7264116
	WATER	MCAWW 160.2		7261557	7264310
	WATER	MCAWW 310.1		7268519	7268323
	WATER	MCAWW 353.2		7264459	
	WATER	MCAWW 405.1		7257505	7263289
	WATER	MCAWW 300.0A		7267384	7268334
	WATER	MCAWW 415.1		7264318	7264265
	WATER	MCAWW 365.3		7263499	7263236
	WATER	SW846 6020		7260079	7260061
	WATER	SW846 7470A		7264523	7267170
	WATER	SW846 8260B		7270396	7270325
	WATER	SW846 6010B		7257596	7257366
	WATER	MCAWW 375.4		7262437	7262250
	WATER	MCAWW 310.1		7268517	7268321
	WATER	MCAWW 310.1		7268518	7268322
	WATER	MCAWW 350.1		7264253	7264176
	WATER	MCAWW 410.4		7265111	7268231
002	WATER	SW846 8260B		7268573	7269254

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7I140196 **Work Order #...:** J7MKH1AA **Matrix.....:** WATER
MB Lot-Sample #: D7I250000-573

Prep Date.....: 09/24/07 **Analysis Time..:** 22:28
Analysis Date..: 09/24/07 **Prep Batch #...:** 7268573
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	100	ug/L	SW846 8260B
Acrylonitrile	ND	200	ug/L	SW846 8260B
Benzene	ND	3.0	ug/L	SW846 8260B
Bromochloromethane	ND	3.0	ug/L	SW846 8260B
Bromodichloromethane	ND	3.0	ug/L	SW846 8260B
Bromoform	ND	3.0	ug/L	SW846 8260B
Bromomethane	ND	10	ug/L	SW846 8260B
2-Butanone (MEK)	ND	100	ug/L	SW846 8260B
Carbon disulfide	ND	100	ug/L	SW846 8260B
Carbon tetrachloride	ND	5.5	ug/L	SW846 8260B
Chlorobenzene	ND	3.0	ug/L	SW846 8260B
Dibromochloromethane	ND	3.0	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	5.5	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	3.0	ug/L	SW846 8260B
Dibromomethane	ND	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	10	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	3.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	100	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	3.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	3.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	5.5	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	5.5	ug/L	SW846 8260B
Ethylbenzene	ND	5.0	ug/L	SW846 8260B
2-Hexanone	ND	50	ug/L	SW846 8260B
Iodomethane	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	5.5	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	100	ug/L	SW846 8260B
Styrene	ND	10	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	SW846 8260B
Tetrachloroethene	ND	3.0	ug/L	SW846 8260B
Toluene	ND	5.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7I140196 **Work Order #...:** J7MKH1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260B
Trichloroethene	ND	3.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	8.0	ug/L	SW846 8260B
Vinyl acetate	ND	50	ug/L	SW846 8260B
Vinyl chloride	ND	5.5	ug/L	SW846 8260B
Xylenes (total)	ND	4.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(79 - 119)
1,2-Dichloroethane-d4	110	(65 - 126)
4-Bromofluorobenzene	107	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7I140196 **Work Order #...:** J7R8G1AA **Matrix.....:** WATER
MB Lot-Sample #: D7I270000-396

Prep Date.....: 09/26/07 **Analysis Time..:** 19:31
Analysis Date..: 09/26/07 **Prep Batch #...:** 7270396
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	100	ug/L	SW846 8260B
Acrylonitrile	ND	200	ug/L	SW846 8260B
Benzene	ND	3.0	ug/L	SW846 8260B
Bromochloromethane	ND	3.0	ug/L	SW846 8260B
Bromodichloromethane	ND	3.0	ug/L	SW846 8260B
Bromoform	ND	3.0	ug/L	SW846 8260B
Bromomethane	ND	10	ug/L	SW846 8260B
2-Butanone (MEK)	ND	100	ug/L	SW846 8260B
Carbon disulfide	ND	100	ug/L	SW846 8260B
Carbon tetrachloride	ND	5.5	ug/L	SW846 8260B
Chlorobenzene	ND	3.0	ug/L	SW846 8260B
Dibromochloromethane	ND	3.0	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	5.5	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	3.0	ug/L	SW846 8260B
Dibromomethane	ND	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	10	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	3.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	100	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	3.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	3.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	5.5	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	5.5	ug/L	SW846 8260B
Ethylbenzene	ND	5.0	ug/L	SW846 8260B
2-Hexanone	ND	50	ug/L	SW846 8260B
Iodomethane	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	5.5	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	100	ug/L	SW846 8260B
Styrene	ND	10	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L	SW846 8260B
Tetrachloroethene	ND	3.0	ug/L	SW846 8260B
Toluene	ND	5.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7I140196 **Work Order #...:** J7R8G1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260B
Trichloroethene	ND	3.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	8.0	ug/L	SW846 8260B
Vinyl acetate	ND	50	ug/L	SW846 8260B
Vinyl chloride	ND	5.5	ug/L	SW846 8260B
Xylenes (total)	ND	4.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(79 - 119)
1,2-Dichloroethane-d4	97	(65 - 126)
4-Bromofluorobenzene	93	(75 - 115)
Toluene-d8	110	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I140196 **Work Order #...:** J7MKH1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7I250000-573
Prep Date.....: 09/24/07 **Analysis Date..:** 09/24/07
Prep Batch #...: 7268573 **Analysis Time..:** 21:51
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**90**	**(77 - 118)**	**SW846 8260B**
1,3-Dichlorobenzene	**93**	**(75 - 115)**	**SW846 8260B**
Bromodichloromethane	**101**	**(78 - 118)**	**SW846 8260B**
Carbon tetrachloride	**106**	**(80 - 120)**	**SW846 8260B**
Chlorobenzene	**93**	**(78 - 118)**	**SW846 8260B**
Chloroform	**100**	**(78 - 118)**	**SW846 8260B**
1,1-Dichloroethane	**92**	**(77 - 117)**	**SW846 8260B**
trans-1,2-Dichloroethene	**88**	**(80 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**92**	**(68 - 133)**	**SW846 8260B**
1,2-Dichloropropane	**92**	**(76 - 116)**	**SW846 8260B**
Ethylbenzene	**90**	**(78 - 118)**	**SW846 8260B**
Methylene chloride	**107**	**(71 - 119)**	**SW846 8260B**
Tetrachloroethene	**93**	**(77 - 117)**	**SW846 8260B**
Toluene	**91**	**(73 - 120)**	**SW846 8260B**
1,1,1-Trichloroethane	**100**	**(78 - 118)**	**SW846 8260B**
Trichloroethene	**99**	**(78 - 122)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(79 - 119)
1,2-Dichloroethane-d4	107	(65 - 126)
4-Bromofluorobenzene	112	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I140196 **Work Order #...:** J7MKH1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7I250000-573
Prep Date.....: 09/24/07 **Analysis Date..:** 09/24/07
Prep Batch #...: 7268573 **Analysis Time..:** 21:51
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10.0**	**9.05**	**ug/L**	**90**	**SW846 8260B**
1,3-Dichlorobenzene	**10.0**	**9.29**	**ug/L**	**93**	**SW846 8260B**
Bromodichloromethane	**10.0**	**10.1**	**ug/L**	**101**	**SW846 8260B**
Carbon tetrachloride	**10.0**	**10.6**	**ug/L**	**106**	**SW846 8260B**
Chlorobenzene	**10.0**	**9.28**	**ug/L**	**93**	**SW846 8260B**
Chloroform	**10.0**	**10.0**	**ug/L**	**100**	**SW846 8260B**
1,1-Dichloroethane	**10.0**	**9.18**	**ug/L**	**92**	**SW846 8260B**
trans-1,2-Dichloroethene	**10.0**	**8.81**	**ug/L**	**88**	**SW846 8260B**
1,1-Dichloroethene	**10.0**	**9.22**	**ug/L**	**92**	**SW846 8260B**
1,2-Dichloropropane	**10.0**	**9.20**	**ug/L**	**92**	**SW846 8260B**
Ethylbenzene	**10.0**	**9.05**	**ug/L**	**90**	**SW846 8260B**
Methylene chloride	**10.0**	**10.7**	**ug/L**	**107**	**SW846 8260B**
Tetrachloroethene	**10.0**	**9.28**	**ug/L**	**93**	**SW846 8260B**
Toluene	**10.0**	**9.06**	**ug/L**	**91**	**SW846 8260B**
1,1,1-Trichloroethane	**10.0**	**10.0**	**ug/L**	**100**	**SW846 8260B**
Trichloroethene	**10.0**	**9.91**	**ug/L**	**99**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(79 - 119)
1,2-Dichloroethane-d4	107	(65 - 126)
4-Bromofluorobenzene	112	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I140196 Work Order #...: J7R8G1AC Matrix.....: WATER
LCS Lot-Sample#: D7I270000-396
Prep Date.....: 09/26/07 Analysis Date..: 09/26/07
Prep Batch #...: 7270396 Analysis Time..: 18:54
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**102**	**(77 - 118)**	**SW846 8260B**
1,3-Dichlorobenzene	**112**	**(75 - 115)**	**SW846 8260B**
Bromodichloromethane	**100**	**(78 - 118)**	**SW846 8260B**
Carbon tetrachloride	**94**	**(80 - 120)**	**SW846 8260B**
Chlorobenzene	**110**	**(78 - 118)**	**SW846 8260B**
Chloroform	**97**	**(78 - 118)**	**SW846 8260B**
1,1-Dichloroethane	**97**	**(77 - 117)**	**SW846 8260B**
trans-1,2-Dichloroethene	**101**	**(80 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**117**	**(68 - 133)**	**SW846 8260B**
1,2-Dichloropropane	**106**	**(76 - 116)**	**SW846 8260B**
Ethylbenzene	**99**	**(78 - 118)**	**SW846 8260B**
Methylene chloride	**112**	**(71 - 119)**	**SW846 8260B**
Tetrachloroethene	**100**	**(77 - 117)**	**SW846 8260B**
Toluene	**106**	**(73 - 120)**	**SW846 8260B**
1,1,1-Trichloroethane	**100**	**(78 - 118)**	**SW846 8260B**
Trichloroethene	**108**	**(78 - 122)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(79 - 119)
1,2-Dichloroethane-d4	93	(65 - 126)
4-Bromofluorobenzene	108	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I140196 **Work Order #...:** J7R8G1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7I270000-396
Prep Date.....: 09/26/07 **Analysis Date..:** 09/26/07
Prep Batch #...: 7270396 **Analysis Time..:** 18:54
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10.0**	**10.2**	**ug/L**	**102**	**SW846 8260B**
1,3-Dichlorobenzene	**10.0**	**11.2**	**ug/L**	**112**	**SW846 8260B**
Bromodichloromethane	**10.0**	**10.0**	**ug/L**	**100**	**SW846 8260B**
Carbon tetrachloride	**10.0**	**9.40**	**ug/L**	**94**	**SW846 8260B**
Chlorobenzene	**10.0**	**11.0**	**ug/L**	**110**	**SW846 8260B**
Chloroform	**10.0**	**9.74**	**ug/L**	**97**	**SW846 8260B**
1,1-Dichloroethane	**10.0**	**9.66**	**ug/L**	**97**	**SW846 8260B**
trans-1,2-Dichloroethene	**10.0**	**10.1**	**ug/L**	**101**	**SW846 8260B**
1,1-Dichloroethene	**10.0**	**11.7**	**ug/L**	**117**	**SW846 8260B**
1,2-Dichloropropane	**10.0**	**10.6**	**ug/L**	**106**	**SW846 8260B**
Ethylbenzene	**10.0**	**9.90**	**ug/L**	**99**	**SW846 8260B**
Methylene chloride	**10.0**	**11.2**	**ug/L**	**112**	**SW846 8260B**
Tetrachloroethene	**10.0**	**9.99**	**ug/L**	**100**	**SW846 8260B**
Toluene	**10.0**	**10.6**	**ug/L**	**106**	**SW846 8260B**
1,1,1-Trichloroethane	**10.0**	**9.97**	**ug/L**	**100**	**SW846 8260B**
Trichloroethene	**10.0**	**10.8**	**ug/L**	**108**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(79 - 119)
1,2-Dichloroethane-d4	93	(65 - 126)
4-Bromofluorobenzene	108	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I140196 Work Order #...: J7NR41AC-MS Matrix.....: WATER
MS Lot-Sample #: D7G130166-061 J7NR41AD-MSD
Date Sampled...: 09/23/07 07:00 Date Received..: 09/23/07
Prep Date.....: 09/24/07 Analysis Date..: 09/25/07
Prep Batch #...: 7268573 Analysis Time..: 01:54
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	94	(77 - 118)			SW846 8260B
	94	(77 - 118)	0.62	(0-20)	SW846 8260B
1,3-Dichlorobenzene	94	(75 - 115)			SW846 8260B
	94	(75 - 115)	0.03	(0-20)	SW846 8260B
Bromodichloromethane	103	(78 - 118)			SW846 8260B
	103	(78 - 118)	0.64	(0-20)	SW846 8260B
Carbon tetrachloride	109	(80 - 120)			SW846 8260B
	110	(80 - 120)	0.45	(0-21)	SW846 8260B
Chlorobenzene	96	(78 - 118)			SW846 8260B
	94	(78 - 118)	2.3	(0-20)	SW846 8260B
Chloroform	104	(78 - 118)			SW846 8260B
	104	(78 - 118)	0.08	(0-20)	SW846 8260B
1,1-Dichloroethane	96	(77 - 117)			SW846 8260B
	96	(77 - 117)	0.50	(0-21)	SW846 8260B
trans-1,2-Dichloroethene	89	(80 - 120)			SW846 8260B
	89	(80 - 120)	0.47	(0-24)	SW846 8260B
1,1-Dichloroethene	94	(68 - 133)			SW846 8260B
	92	(68 - 133)	2.2	(0-20)	SW846 8260B
1,2-Dichloropropane	97	(76 - 116)			SW846 8260B
	97	(76 - 116)	0.43	(0-20)	SW846 8260B
Ethylbenzene	95	(78 - 118)			SW846 8260B
	93	(78 - 118)	2.2	(0-26)	SW846 8260B
Methylene chloride	110	(71 - 119)			SW846 8260B
	127 a	(71 - 119)	15	(0-20)	SW846 8260B
Tetrachloroethene	93	(77 - 117)			SW846 8260B
	93	(77 - 117)	0.39	(0-20)	SW846 8260B
Toluene	93	(73 - 120)			SW846 8260B
	93	(73 - 120)	0.17	(0-20)	SW846 8260B
1,1,1-Trichloroethane	105	(78 - 118)			SW846 8260B
	105	(78 - 118)	0.44	(0-20)	SW846 8260B
Trichloroethene	99	(78 - 122)			SW846 8260B
	99	(78 - 122)	0.31	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(79 - 119)
	113	(79 - 119)
1,2-Dichloroethane-d4	106	(65 - 126)
	106	(65 - 126)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I140196 **Work Order #...:** J7NR41AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G130166-061 J7NR41AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	114	(75 - 115)
	111	(75 - 115)
Toluene-d8	107	(78 - 118)
	108	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I140196 Work Order #...: J7NR41AC-MS Matrix.....: WATER
MS Lot-Sample #: D7G130166-061 J7NR41AD-MSD
Date Sampled...: 09/23/07 07:00 Date Received..: 09/23/07
Prep Date.....: 09/24/07 Analysis Date..: 09/25/07
Prep Batch #...: 7268573 Analysis Time..: 01:54
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	ND	10.0	9.42	ug/L	94		SW846 8260B
	ND	10.0	9.36	ug/L	94	0.62	SW846 8260B
1,3-Dichlorobenzene	ND	10.0	9.38	ug/L	94		SW846 8260B
	ND	10.0	9.38	ug/L	94	0.03	SW846 8260B
Bromodichloromethane	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.3	ug/L	103	0.64	SW846 8260B
Carbon tetrachloride	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	11.0	ug/L	110	0.45	SW846 8260B
Chlorobenzene	ND	10.0	9.64	ug/L	96		SW846 8260B
	ND	10.0	9.42	ug/L	94	2.3	SW846 8260B
Chloroform	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.4	ug/L	104	0.08	SW846 8260B
1,1-Dichloroethane	0.42	10.0	10.1	ug/L	96		SW846 8260B
	0.42	10.0	10.0	ug/L	96	0.50	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	8.93	ug/L	89		SW846 8260B
	ND	10.0	8.88	ug/L	89	0.47	SW846 8260B
1,1-Dichloroethene	ND	10.0	9.37	ug/L	94		SW846 8260B
	ND	10.0	9.17	ug/L	92	2.2	SW846 8260B
1,2-Dichloropropane	ND	10.0	9.73	ug/L	97		SW846 8260B
	ND	10.0	9.69	ug/L	97	0.43	SW846 8260B
Ethylbenzene	ND	10.0	9.55	ug/L	95		SW846 8260B
	ND	10.0	9.34	ug/L	93	2.2	SW846 8260B
Methylene chloride	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	12.7	ug/L	127 a	15	SW846 8260B
Tetrachloroethene	ND	10.0	9.26	ug/L	93		SW846 8260B
	ND	10.0	9.30	ug/L	93	0.39	SW846 8260B
Toluene	ND	10.0	9.29	ug/L	93		SW846 8260B
	ND	10.0	9.27	ug/L	93	0.17	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	10.5	ug/L	105	0.44	SW846 8260B
Trichloroethene	ND	10.0	9.90	ug/L	99		SW846 8260B
	ND	10.0	9.87	ug/L	99	0.31	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(79 - 119)
	113	(79 - 119)
1,2-Dichloroethane-d4	106	(65 - 126)
	106	(65 - 126)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I140196 **Work Order #...:** J7NR41AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G130166-061 J7NR41AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	114	(75 - 115)
	111	(75 - 115)
Toluene-d8	107	(78 - 118)
	108	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I140196 Work Order #...: J7QJL1AC-MS Matrix.....: WATER
MS Lot-Sample #: D7G130166-066 J7QJL1AD-MSD
Date Sampled...: 09/25/07 07:00 Date Received..: 09/25/07
Prep Date.....: 09/26/07 Analysis Date..: 09/26/07
Prep Batch #...: 7270396 Analysis Time..: 20:26
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	109	(77 - 118)			SW846 8260B
	96	(77 - 118)	13	(0-20)	SW846 8260B
1,3-Dichlorobenzene	101	(75 - 115)			SW846 8260B
	104	(75 - 115)	3.0	(0-20)	SW846 8260B
Bromodichloromethane	104	(78 - 118)			SW846 8260B
	102	(78 - 118)	2.2	(0-20)	SW846 8260B
Carbon tetrachloride	88	(80 - 120)			SW846 8260B
	85	(80 - 120)	3.6	(0-21)	SW846 8260B
Chlorobenzene	107	(78 - 118)			SW846 8260B
	109	(78 - 118)	2.2	(0-20)	SW846 8260B
Chloroform	112	(78 - 118)			SW846 8260B
	104	(78 - 118)	7.6	(0-20)	SW846 8260B
1,1-Dichloroethane	99	(77 - 117)			SW846 8260B
	99	(77 - 117)	0.24	(0-21)	SW846 8260B
trans-1,2-Dichloroethene	102	(80 - 120)			SW846 8260B
	98	(80 - 120)	4.4	(0-24)	SW846 8260B
1,1-Dichloroethene	95	(68 - 133)			SW846 8260B
	92	(68 - 133)	2.8	(0-20)	SW846 8260B
1,2-Dichloropropane	100	(76 - 116)			SW846 8260B
	93	(76 - 116)	6.8	(0-20)	SW846 8260B
Ethylbenzene	104	(78 - 118)			SW846 8260B
	110	(78 - 118)	6.3	(0-26)	SW846 8260B
Methylene chloride	107	(71 - 119)			SW846 8260B
	109	(71 - 119)	1.4	(0-20)	SW846 8260B
Tetrachloroethene	95	(77 - 117)			SW846 8260B
	102	(77 - 117)	6.7	(0-20)	SW846 8260B
Toluene	104	(73 - 120)			SW846 8260B
	108	(73 - 120)	4.2	(0-20)	SW846 8260B
1,1,1-Trichloroethane	98	(78 - 118)			SW846 8260B
	95	(78 - 118)	3.9	(0-20)	SW846 8260B
Trichloroethene	95	(78 - 122)			SW846 8260B
	93	(78 - 122)	2.0	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(79 - 119)
	95	(79 - 119)
1,2-Dichloroethane-d4	86	(65 - 126)
	87	(65 - 126)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7I140196 **Work Order #...:** J7QJL1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G130166-066 J7QJL1AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	93	(75 - 115)
	99	(75 - 115)
Toluene-d8	103	(78 - 118)
	111	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I140196 Work Order #...: J7QJL1AC-MS Matrix.....: WATER
MS Lot-Sample #: D7G130166-066 J7QJL1AD-MSD
Date Sampled...: 09/25/07 07:00 Date Received..: 09/25/07
Prep Date.....: 09/26/07 Analysis Date..: 09/26/07
Prep Batch #...: 7270396 Analysis Time..: 20:26
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	9.58	ug/L	96	13	SW846 8260B
1,3-Dichlorobenzene	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	10.4	ug/L	104	3.0	SW846 8260B
Bromodichloromethane	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.2	ug/L	102	2.2	SW846 8260B
Carbon tetrachloride	ND	10.0	8.76	ug/L	88		SW846 8260B
	ND	10.0	8.45	ug/L	85	3.6	SW846 8260B
Chlorobenzene	ND	10.0	10.7	ug/L	107		SW846 8260B
	ND	10.0	10.9	ug/L	109	2.2	SW846 8260B
Chloroform	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	10.4	ug/L	104	7.6	SW846 8260B
1,1-Dichloroethane	ND	10.0	9.90	ug/L	99		SW846 8260B
	ND	10.0	9.88	ug/L	99	0.24	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	9.79	ug/L	98	4.4	SW846 8260B
1,1-Dichloroethene	ND	10.0	9.49	ug/L	95		SW846 8260B
	ND	10.0	9.23	ug/L	92	2.8	SW846 8260B
1,2-Dichloropropane	ND	10.0	9.97	ug/L	100		SW846 8260B
	ND	10.0	9.32	ug/L	93	6.8	SW846 8260B
Ethylbenzene	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	11.0	ug/L	110	6.3	SW846 8260B
Methylene chloride	ND	10.0	10.7	ug/L	107		SW846 8260B
	ND	10.0	10.9	ug/L	109	1.4	SW846 8260B
Tetrachloroethene	ND	10.0	9.50	ug/L	95		SW846 8260B
	ND	10.0	10.2	ug/L	102	6.7	SW846 8260B
Toluene	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.8	ug/L	108	4.2	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	9.83	ug/L	98		SW846 8260B
	ND	10.0	9.45	ug/L	95	3.9	SW846 8260B
Trichloroethene	ND	10.0	9.53	ug/L	95		SW846 8260B
	ND	10.0	9.34	ug/L	93	2.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(79 - 119)
	95	(79 - 119)
1,2-Dichloroethane-d4	86	(65 - 126)
	87	(65 - 126)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7I140196 **Work Order #...:** J7QJL1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G130166-066 J7QJL1AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	93	(75 - 115)
	99	(75 - 115)
Toluene-d8	103	(78 - 118)
	111	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7I140000-596 **Prep Batch #...:** 7257596						
Potassium	ND	3000	ug/L	SW846 6010B	09/19-09/20/07	J6W601AF
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Magnesium	ND	200	ug/L	SW846 6010B	09/19-09/20/07	J6W601AG
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Calcium	ND	200	ug/L	SW846 6010B	09/19-09/20/07	J6W601AH
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Manganese	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W601CA
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Iron	**34 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/20/07**	**J6W601AJ**
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Sodium	ND	5000	ug/L	SW846 6010B	09/19-09/25/07	J6W601AR
		Dilution Factor: 1				
		Analysis Time..: 14:04				
Barium	ND	100	ug/L	SW846 6010B	09/19-09/25/07	J6W601AD
		Dilution Factor: 1				
		Analysis Time..: 14:04				
Chromium	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W601AE
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Copper	ND	15	ug/L	SW846 6010B	09/19-09/20/07	J6W601CC
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Nickel	ND	50	ug/L	SW846 6010B	09/19-09/20/07	J6W601AA
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Lead	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W601CD
		Dilution Factor: 1				
		Analysis Time..: 08:12				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	15	ug/L	SW846 6010B	09/19-09/20/07	J6W601CE
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Vanadium	ND	25	ug/L	SW846 6010B	09/19-09/20/07	J6W601AC
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Zinc	ND	20	ug/L	SW846 6010B	09/19-09/20/07	J6W601CF
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Silver	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W601CG
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Cobalt	ND	10	ug/L	SW846 6010B	09/19-09/20/07	J6W601CH
		Dilution Factor: 1				
		Analysis Time..: 08:12				

MB Lot-Sample #: D7I170000-079 **Prep Batch #...:** 7260079

Thallium	ND	1.0	ug/L	SW846 6020	09/19-09/20/07	J607A1AE
		Dilution Factor: 1				
		Analysis Time..: 23:54				
Cadmium	ND	1.0	ug/L	SW846 6020	09/19-09/20/07	J607A1AC
		Dilution Factor: 1				
		Analysis Time..: 23:54				
Arsenic	ND	5.0	ug/L	SW846 6020	09/19-09/20/07	J607A1AA
		Dilution Factor: 1				
		Analysis Time..: 23:54				
Beryllium	ND	1.0	ug/L	SW846 6020	09/19-09/20/07	J607A1AR
		Dilution Factor: 1				
		Analysis Time..: 23:54				
Antimony	ND	2.0	ug/L	SW846 6020	09/19-09/20/07	J607A1AI
		Dilution Factor: 1				
		Analysis Time..: 23:54				

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7I210000-523 **Prep Batch #...:** 7264523						
Mercury	ND	0.20	ug/L	SW846 7470A	09/27-09/28/07	J7HL91AA
		Dilution Factor: 1				
		Analysis Time..: 17:30				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Lot-Sample #...: D7I140196 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP-BATCH #
Mercury	96	(88 - 111)	.		SW846 7470A	09/27-09/28/07	7264523
	101	(88 - 111)	4.8	(0-10)	SW846 7470A	09/27-09/28/07	7264523

Dilution Factor: 1 Analysis Time..: 17:32

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Lot-Sample #...: D7I140196 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Mercury	5.00	4.82	ug/L	96		SW846 7470A	09/27-09/28/07	7264523
	5.00	5.06	ug/L	101	4.8	SW846 7470A	09/27-09/28/07	7264523

Dilution Factor: 1 Analysis Time..: 17:32

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7I140000-596 **Prep Batch #...:** 7257596					
Potassium	106	(89 - 114)	SW846 6010B	09/19-09/20/07	J6W601AX
		Dilution Factor: 1	Analysis Time..: 08:17		
Magnesium	105	(90 - 113)	SW846 6010B	09/19-09/20/07	J6W601A0
		Dilution Factor: 1	Analysis Time..: 08:17		
Calcium	104	(90 - 111)	SW846 6010B	09/19-09/20/07	J6W601A1
		Dilution Factor: 1	Analysis Time..: 08:17		
Manganese	98	(90 - 110)	SW846 6010B	09/19-09/20/07	J6W601CJ
		Dilution Factor: 1	Analysis Time..: 08:17		
Iron	100	(89 - 115)	SW846 6010B	09/19-09/20/07	J6W601A2
		Dilution Factor: 1	Analysis Time..: 08:17		
Sodium	108	(90 - 115)	SW846 6010B	09/19-09/20/07	J6W601A9
		Dilution Factor: 1	Analysis Time..: 08:17		
Barium	92	(90 - 112)	SW846 6010B	09/19-09/25/07	J6W601AV
		Dilution Factor: 1	Analysis Time..: 14:09		
Chromium	105	(90 - 113)	SW846 6010B	09/19-09/20/07	J6W601AW
		Dilution Factor: 1	Analysis Time..: 08:17		
Copper	98	(86 - 112)	SW846 6010B	09/19-09/20/07	J6W601CK
		Dilution Factor: 1	Analysis Time..: 08:17		
Nickel	97	(89 - 111)	SW846 6010B	09/19-09/20/07	J6W601AT
		Dilution Factor: 1	Analysis Time..: 08:17		
Lead	101	(89 - 110)	SW846 6010B	09/19-09/20/07	J6W601CL
		Dilution Factor: 1	Analysis Time..: 08:17		
Selenium	102	(85 - 112)	SW846 6010B	09/19-09/20/07	J6W601CM
		Dilution Factor: 1	Analysis Time..: 08:17		
Vanadium	106	(90 - 111)	SW846 6010B	09/19-09/20/07	J6W601AU
		Dilution Factor: 1	Analysis Time..: 08:17		
Zinc	96	(85 - 111)	SW846 6010B	09/19-09/20/07	J6W601CN
		Dilution Factor: 1	Analysis Time..: 08:17		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	100	(86 - 115)	SW846 6010B	09/19-09/20/07	J6W601CP
		Dilution Factor: 1	Analysis Time..: 08:17		
Cobalt	100	(89 - 111)	SW846 6010B	09/19-09/20/07	J6W601CQ
		Dilution Factor: 1	Analysis Time..: 08:17		
LCS Lot-Sample#: D7I170000-079 **Prep Batch #...:** 7260079					
Thallium	102	(86 - 124)	SW846 6020	09/19-09/20/07	J607A1AM
		Dilution Factor: 1	Analysis Time..: 23:58		
Cadmium	98	(89 - 111)	SW846 6020	09/19-09/20/07	J607A1AK
		Dilution Factor: 1	Analysis Time..: 23:58		
Arsenic	98	(89 - 111)	SW846 6020	09/19-09/20/07	J607A1AJ
		Dilution Factor: 1	Analysis Time..: 23:58		
Beryllium	101	(76 - 132)	SW846 6020	09/19-09/20/07	J607A1AT
		Dilution Factor: 1	Analysis Time..: 23:58		
Antimony	101	(71 - 128)	SW846 6020	09/19-09/20/07	J607A1AL
		Dilution Factor: 1	Analysis Time..: 23:58		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7I140000-596 **Prep Batch #...:** 7257596							
Potassium	50000	52800	ug/L	106	SW846 6010B	09/19-09/20/07	J6W601AX
			Dilution Factor: 1		Analysis Time..: 08:17		
Magnesium	50000	52500	ug/L	105	SW846 6010B	09/19-09/20/07	J6W601A0
			Dilution Factor: 1		Analysis Time..: 08:17		
Calcium	50000	52100	ug/L	104	SW846 6010B	09/19-09/20/07	J6W601A1
			Dilution Factor: 1		Analysis Time..: 08:17		
Manganese	500	491	ug/L	98	SW846 6010B	09/19-09/20/07	J6W601CJ
			Dilution Factor: 1		Analysis Time..: 08:17		
Iron	1000	1000	ug/L	100	SW846 6010B	09/19-09/20/07	J6W601A2
			Dilution Factor: 1		Analysis Time..: 08:17		
Sodium	50000	53800	ug/L	108	SW846 6010B	09/19-09/20/07	J6W601A9
			Dilution Factor: 1		Analysis Time..: 08:17		
Barium	2000	1840	ug/L	92	SW846 6010B	09/19-09/25/07	J6W601AV
			Dilution Factor: 1		Analysis Time..: 14:09		
Chromium	200	210	ug/L	105	SW846 6010B	09/19-09/20/07	J6W601AW
			Dilution Factor: 1		Analysis Time..: 08:17		
Copper	250	246	ug/L	98	SW846 6010B	09/19-09/20/07	J6W601CK
			Dilution Factor: 1		Analysis Time..: 08:17		
Nickel	500	487	ug/L	97	SW846 6010B	09/19-09/20/07	J6W601AT
			Dilution Factor: 1		Analysis Time..: 08:17		
Lead	500	507	ug/L	101	SW846 6010B	09/19-09/20/07	J6W601CL
			Dilution Factor: 1		Analysis Time..: 08:17		
Selenium	2000	2040	ug/L	102	SW846 6010B	09/19-09/20/07	J6W601CM
			Dilution Factor: 1		Analysis Time..: 08:17		
Vanadium	500	529	ug/L	106	SW846 6010B	09/19-09/20/07	J6W601AU
			Dilution Factor: 1		Analysis Time..: 08:17		
Zinc	500	479	ug/L	96	SW846 6010B	09/19-09/20/07	J6W601CN
			Dilution Factor: 1		Analysis Time..: 08:17		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	50.0	49.8	ug/L	100	SW846 6010B	09/19-09/20/07	J6W601CP
			Dilution Factor: 1		Analysis Time..: 08:17		
Cobalt	500	499	ug/L	100	SW846 6010B	09/19-09/20/07	J6W601CQ
			Dilution Factor: 1		Analysis Time..: 08:17		

LCS Lot-Sample#: D7I170000-079 **Prep Batch #...:** 7260079

Thallium	40.0	40.6	ug/L	102	SW846 6020	09/19-09/20/07	J607A1AM
			Dilution Factor: 1		Analysis Time..: 23:58		
Cadmium	40.0	39.3	ug/L	98	SW846 6020	09/19-09/20/07	J607A1AK
			Dilution Factor: 1		Analysis Time..: 23:58		
Arsenic	40.0	39.0	ug/L	98	SW846 6020	09/19-09/20/07	J607A1AJ
			Dilution Factor: 1		Analysis Time..: 23:58		
Beryllium	40.0	40.2	ug/L	101	SW846 6020	09/19-09/20/07	J607A1AT
			Dilution Factor: 1		Analysis Time..: 23:58		
Antimony	40.0	40.4	ug/L	101	SW846 6020	09/19-09/20/07	J607A1AL
			Dilution Factor: 1		Analysis Time..: 23:58		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER
Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I130170-001 **Prep Batch #...:** 7257596							
Potassium	105	(76 - 132)			SW846 6010B	09/19-09/20/07	J6P4Q1CU
	105	(76 - 132)	0.06	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CV
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Magnesium	102	(62 - 146)			SW846 6010B	09/19-09/20/07	J6P4Q1CW
	103	(62 - 146)	0.53	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CX
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Calcium	101	(48 - 153)			SW846 6010B	09/19-09/20/07	J6P4Q1C0
	101	(48 - 153)	0.18	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1C1
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Manganese	NC,MSB	(79 - 121)			SW846 6010B	09/19-09/20/07	J6P4Q1DL
	NC,MSB	(79 - 121)		(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1DM
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Iron	93	(52 - 155)			SW846 6010B	09/19-09/20/07	J6P4Q1C2
	91	(52 - 155)	1.4	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1C3
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Sodium	102	(70 - 203)			SW846 6010B	09/19-09/20/07	J6P4Q1DH
	105	(70 - 203)	1.6	(0-40)	SW846 6010B	09/19-09/20/07	J6P4Q1DJ
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Barium	112	(85 - 120)			SW846 6010B	09/19-09/20/07	J6P4Q1CP
	112	(85 - 120)	0.08	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CQ
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Chromium	104	(73 - 135)			SW846 6010B	09/19-09/20/07	J6P4Q1CR
	104	(73 - 135)	0.31	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CT
		Dilution Factor: 1					
		Analysis Time..: 08:32					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER
Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	97	(82 - 129)			SW846 6010B	09/19-09/20/07	J6P4Q1DP
	99	(82 - 129)	1.9	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1DQ
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Nickel	95	(84 - 120)			SW846 6010B	09/19-09/20/07	J6P4Q1CK
	95	(84 - 120)	0.04	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CL
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Lead	99	(89 - 121)			SW846 6010B	09/19-09/20/07	J6P4Q1DT
	100	(89 - 121)	0.35	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1DU
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Selenium	101	(71 - 140)			SW846 6010B	09/19-09/20/07	J6P4Q1DW
	102	(71 - 140)	0.48	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1DX
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Vanadium	104	(85 - 120)			SW846 6010B	09/19-09/20/07	J6P4Q1CM
	105	(85 - 120)	0.98	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1CN
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Zinc	94	(60 - 137)			SW846 6010B	09/19-09/20/07	J6P4Q1D1
	95	(60 - 137)	1.3	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1D2
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Silver	98	(75 - 141)			SW846 6010B	09/19-09/20/07	J6P4Q1D4
	100	(75 - 141)	2.1	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1D5
		Dilution Factor: 1					
		Analysis Time..: 08:32					
Cobalt	98	(82 - 119)			SW846 6010B	09/19-09/20/07	J6P4Q1D7
	98	(82 - 119)	0.57	(0-25)	SW846 6010B	09/19-09/20/07	J6P4Q1D8
		Dilution Factor: 1					
		Analysis Time..: 08:32					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER
Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I130170-001 **Prep Batch #...:** 7257596									
Potassium									
	3000	50000	55500	ug/L	105		SW846 6010B	09/19-09/20/07	J6P4Q1CU
	3000	50000	55500	ug/L	105	0.06	SW846 6010B	09/19-09/20/07	J6P4Q1CV
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Magnesium									
	26000	50000	77100	ug/L	102		SW846 6010B	09/19-09/20/07	J6P4Q1CW
	26000	50000	77600	ug/L	103	0.53	SW846 6010B	09/19-09/20/07	J6P4Q1CX
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Calcium									
	67000	50000	117000	ug/L	101		SW846 6010B	09/19-09/20/07	J6P4Q1C0
	67000	50000	117000	ug/L	101	0.18	SW846 6010B	09/19-09/20/07	J6P4Q1C1
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Manganese									
	2200	500	2570	ug/L			SW846 6010B	09/19-09/20/07	J6P4Q1DL
			Qualifiers: NC,MSB						
	2200	500	2620	ug/L			SW846 6010B	09/19-09/20/07	J6P4Q1DM
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Iron									
	1000	1000	1980	ug/L	93		SW846 6010B	09/19-09/20/07	J6P4Q1C2
	1000	1000	1950	ug/L	91	1.4	SW846 6010B	09/19-09/20/07	J6P4Q1C3
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Sodium									
	19000	50000	69900	ug/L	102		SW846 6010B	09/19-09/20/07	J6P4Q1D0
	19000	50000	71100	ug/L	105	1.6	SW846 6010B	09/19-09/20/07	J6P4Q1D1
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Barium									
	26	2000	2270	ug/L	112		SW846 6010B	09/19-09/20/07	J6P4Q1CP
	26	2000	2270	ug/L	112	0.08	SW846 6010B	09/19-09/20/07	J6P4Q1C0
			Dilution Factor: 1						
			Analysis Time..: 08:32						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER
Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	ND	200	211	ug/L	104		SW846 6010B	09/19-09/20/07	J6P4Q1CR
	ND	200	211	ug/L	104	0.31	SW846 6010B	09/19-09/20/07	J6P4Q1CT
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Copper									
	4.9	250	247	ug/L	97		SW846 6010B	09/19-09/20/07	J6P4Q1DP
	4.9	250	251	ug/L	99	1.9	SW846 6010B	09/19-09/20/07	J6P4Q1DQ
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Nickel									
	ND	500	479	ug/L	95		SW846 6010B	09/19-09/20/07	J6P4Q1CK
	ND	500	479	ug/L	95	0.04	SW846 6010B	09/19-09/20/07	J6P4Q1CL
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Lead									
	ND	500	497	ug/L	99		SW846 6010B	09/19-09/20/07	J6P4Q1DT
	ND	500	499	ug/L	100	0.35	SW846 6010B	09/19-09/20/07	J6P4Q1DU
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Selenium									
	ND	2000	2020	ug/L	101		SW846 6010B	09/19-09/20/07	J6P4Q1DW
	ND	2000	2030	ug/L	102	0.48	SW846 6010B	09/19-09/20/07	J6P4Q1DX
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Vanadium									
	3.3	500	525	ug/L	104		SW846 6010B	09/19-09/20/07	J6P4Q1CM
	3.3	500	531	ug/L	105	0.98	SW846 6010B	09/19-09/20/07	J6P4Q1CN
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Zinc									
	4.8	500	473	ug/L	94		SW846 6010B	09/19-09/20/07	J6P4Q1D1
	4.8	500	479	ug/L	95	1.3	SW846 6010B	09/19-09/20/07	J6P4Q1D2
			Dilution Factor: 1						
			Analysis Time..: 08:32						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER
Date Sampled...: 09/12/07 18:16 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver									
	ND	50.0	48.8	ug/L	98		SW846 6010B	09/19-09/20/07	J6P4Q1D
	ND	50.0	49.9	ug/L	100	2.1	SW846 6010B	09/19-09/20/07	J6P4Q1D
			Dilution Factor: 1						
			Analysis Time..: 08:32						
Cobalt									
	6.0	500	495	ug/L	98		SW846 6010B	09/19-09/20/07	J6P4Q1D
	6.0	500	498	ug/L	98	0.57	SW846 6010B	09/19-09/20/07	J6P4Q1D
			Dilution Factor: 1						
			Analysis Time..: 08:32						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I130248-002 **Prep Batch #...:** 7257596							
Barium	117	(85 - 120)			SW846 6010B	09/19-09/20/07	J6QW81CD
	114	(85 - 120)	1.9	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CE
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Chromium	108	(73 - 135)			SW846 6010B	09/19-09/20/07	J6QW81CP
	106	(73 - 135)	1.3	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CQ
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Nickel	99	(84 - 120)			SW846 6010B	09/19-09/20/07	J6QW81CU
	98	(84 - 120)	0.91	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CV
		Dilution Factor: 1					
		Analysis Time..: 08:51					
Vanadium	108	(85 - 120)			SW846 6010B	09/19-09/20/07	J6QW81CF
-	106	(85 - 120)	2.0	(0-25)	SW846 6010B	09/19-09/20/07	J6QW81CG
		Dilution Factor: 1					
		Analysis Time..: 08:51					
MS Lot-Sample #: D7I130248-002 **Prep Batch #...:** 7260079							
Thallium	103	(86 - 124)			SW846 6020	09/19-09/21/07	J6QW81DK
	105	(86 - 124)	1.6	(0-20)	SW846 6020	09/19-09/21/07	J6QW81DL
		Dilution Factor: 1					
		Analysis Time..: 00:28					
Cadmium	101	(89 - 111)			SW846 6020	09/19-09/21/07	J6QW81DF
	102	(89 - 111)	1.2	(0-20)	SW846 6020	09/19-09/21/07	J6QW81DG
		Dilution Factor: 1					
		Analysis Time..: 00:28					
Arsenic	96	(89 - 111)			SW846 6020	09/19-09/21/07	J6QW81DD
	99	(89 - 111)	3.2	(0-20)	SW846 6020	09/19-09/21/07	J6QW81DE
		Dilution Factor: 1					
		Analysis Time..: 00:28					
Beryllium	114	(76 - 132)			SW846 6020	09/19-09/21/07	J6QW81DV
	118	(76 - 132)	3.6	(0-20)	SW846 6020	09/19-09/21/07	J6QW81DW
		Dilution Factor: 1					
		Analysis Time..: 00:28					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	101	(71 - 128)			SW846 6020	09/19-09/21/07	J6QW81DH
	102	(71 - 128)	0.82	(0-20)	SW846 6020	09/19-09/21/07	J6QW81DJ

Dilution Factor: 1
Analysis Time..: 00:28

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I130248-002 **Prep Batch #...:** 7257596									
Barium									
	49	2000	2380	ug/L	117		SW846 6010B	09/19-09/20/07	J6QW81CD
	49	2000	2340	ug/L	114	1.9	SW846 6010B	09/19-09/20/07	J6QW81CE
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Chromium									
	ND	200	216	ug/L	108		SW846 6010B	09/19-09/20/07	J6QW81CP
	ND	200	213	ug/L	106	1.3	SW846 6010B	09/19-09/20/07	J6QW81CQ
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Nickel									
	ND	500	495	ug/L	99		SW846 6010B	09/19-09/20/07	J6QW81CU
	ND	500	491	ug/L	98	0.91	SW846 6010B	09/19-09/20/07	J6QW81CV
			Dilution Factor: 1						
			Analysis Time..: 08:51						
Vanadium									
	ND	500	543	ug/L	108		SW846 6010B	09/19-09/20/07	J6QW81CF
	ND	500	532	ug/L	106	2.0	SW846 6010B	09/19-09/20/07	J6QW81CG
			Dilution Factor: 1						
			Analysis Time..: 08:51						
MS Lot-Sample #: D7I130248-002 **Prep Batch #...:** 7260079									
Thallium									
	ND	40.0	41.3	ug/L	103		SW846 6020	09/19-09/21/07	J6QW81DK
	ND	40.0	42.0	ug/L	105	1.6	SW846 6020	09/19-09/21/07	J6QW81DL
			Dilution Factor: 1						
			Analysis Time..: 00:28						
Cadmium									
	ND	40.0	40.3	ug/L	101		SW846 6020	09/19-09/21/07	J6QW81DF
	ND	40.0	40.8	ug/L	102	1.2	SW846 6020	09/19-09/21/07	J6QW81DG
			Dilution Factor: 1						
			Analysis Time..: 00:28						
Arsenic									
	ND	40.0	38.5	ug/L	96		SW846 6020	09/19-09/21/07	J6QW81DD
	ND	40.0	39.8	ug/L	99	3.2	SW846 6020	09/19-09/21/07	J6QW81DE
			Dilution Factor: 1						
			Analysis Time..: 00:28						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER
Date Sampled...: 09/12/07 16:11 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium									
	0.27	40.0	45.7	ug/L	114		SW846 6020	09/19-09/21/07	J6QW81D
	0.27	40.0	47.4	ug/L	118	3.6	SW846 6020	09/19-09/21/07	J6QW81D
			Dilution Factor: 1						
			Analysis Time..: 00:28						
Antimony									
	ND	40.0	40.4	ug/L	101		SW846 6020	09/19-09/21/07	J6QW81DH
	ND	40.0	40.8	ug/L	102	0.82	SW846 6020	09/19-09/21/07	J6QW81D
			Dilution Factor: 1						
			Analysis Time..: 00:28						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER
Date Sampled...: 09/04/07 10:15 **Date Received..:** 09/05/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I050195-001 **Prep Batch #...:** 7264523							
Mercury	98	(88 - 111)			SW846 7470A	09/27-09/28/07	J57QD1DD
	97	(88 - 111)	0.14	(0-10)	SW846 7470A	09/27-09/28/07	J57QD1DE

Dilution Factor: 1
Analysis Time..: 17:53

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER
Date Sampled...: 09/04/07 10:15 **Date Received..:** 09/05/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I050195-001 **Prep Batch #...:** 7264523									
Mercury									
	ND	5.00	4.88	ug/L	98		SW846 7470A	09/27-09/28/07	J57QD1DD
	ND	5.00	4.87	ug/L	97	0.14	SW846 7470A	09/27-09/28/07	J57QD1DF

Dilution Factor: 1
Analysis Time..: 17:53

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER
Date Sampled...: 09/17/07 08:45 **Date Received..:** 09/17/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I170157-003 **Prep Batch #...:** 7264523							
Mercury	99	(88 - 111)			SW846 7470A	09/27-09/28/07	J615N1A9
	99	(88 - 111)	0.85	(0-10)	SW846 7470A	09/27-09/28/07	J615N1CA

Dilution Factor: 1
Analysis Time..: 18:21

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7I140196 **Matrix.....:** WATER
Date Sampled...: 09/17/07 08:45 **Date Received..:** 09/17/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7I170157-003 **Prep Batch #...:** 7264523									
Mercury									
	0.076	5.00	5.00	ug/L	99		SW846 7470A	09/27-09/28/07	J615N1A9
	0.076	5.00	5.05	ug/L	99	0.85	SW846 7470A	09/27-09/28/07	J615N1C[illegible]

Dilution Factor: 1
Analysis Time..: 18:21

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D7I140196 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		Work Order #: J7DFN1AA		MB Lot-Sample #:	D7I210000-253	
	ND	0.040	mg/L	MCAWW 350.1	09/20/07	7264253
		Dilution Factor: 1				
		Analysis Time..: 09:53				
Bicarbonate, as CaCO3		Work Order #: J7MGE1AA		MB Lot-Sample #:	D7I250000-517	
	5.0	**5.0**	**mg/L**	**MCAWW 310.1**	**09/25/07**	**7268517**
		Dilution Factor: 1				
		Analysis Time..: 14:45				
Biochemical Oxygen Demand (BOD)		Work Order #: J7AVE1AA		MB Lot-Sample #:	D7I140000-505	
	ND	2.0	mg/L	MCAWW 405.1	09/14/07	7257505
		Dilution Factor: 1				
		Analysis Time..: 08:23				
Carbonate, as CaCO3		Work Order #: J7MGM1AA		MB Lot-Sample #:	D7I250000-519	
	ND	5.0	mg/L	MCAWW 310.1	09/25/07	7268519
		Dilution Factor: 1				
		Analysis Time..: 14:45				
Chemical Oxygen Demand (COD)		Work Order #: J7LT41AA		MB Lot-Sample #:	D7I220000-111	
	ND	50	mg/L	MCAWW 410.4	09/22-09/25/07	7265111
		Dilution Factor: 1				
		Analysis Time..: 10:00				
Chloride		Work Order #: J7MH41AA		MB Lot-Sample #:	D7I240000-384	
	ND	0.30	mg/L	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 1				
		Analysis Time..: 12:52				
Nitrate		Work Order #: J7EGR1AA		MB Lot-Sample #:	D7I210000-459	
	ND	0.50	mg/L	MCAWW 353.2	09/14/07	7264459
		Dilution Factor: 1				
		Analysis Time..: 20:15				
Sulfate		Work Order #: J67AW1AA		MB Lot-Sample #:	D7I190000-437	
	ND	5.0	mg/L	MCAWW 375.4	09/19/07	7262437
		Dilution Factor: 1				
		Analysis Time..: 11:00				
Total phosphorus		Work Order #: J7AK71AA		MB Lot-Sample #:	D7I200000-499	
	0.0055 B	**0.050**	**mg/L**	**MCAWW 365.3**	**09/18-09/20/07**	**7263499**
		Dilution Factor: 1				
		Analysis Time..: 10:00				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: D7I140196 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		Work Order #: J7MGJ1AA		MB Lot-Sample #:	D7I250000-518	
	5.0	**5.0**	**mg/L**	**MCAWW 310.1**	**09/25/07**	**7268518**
		Dilution Factor: 1				
		Analysis Time..: 14:45				
Total Dissolved Solids		Work Order #: J7C4M1AA		MB Lot-Sample #:	D7I180000-555	
	ND	10	mg/L	MCAWW 160.1	09/18/07	7261555
		Dilution Factor: 1				
		Analysis Time..: 18:45				
Total Organic Carbon		Work Order #: J7DVW1AA		MB Lot-Sample #:	D7I210000-318	
	ND	1.0	mg/L	MCAWW 415.1	09/20/07	7264318
		Dilution Factor: 1				
		Analysis Time..: 06:00				
Total Suspended Solids		Work Order #: J7EKF1AA		MB Lot-Sample #:	D7I180000-557	
	ND	4.0	mg/L	MCAWW 160.2	09/18/07	7261557
		Dilution Factor: 1				
		Analysis Time..: 13:45				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D7I140196 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		WO#:J7DFN1AC-LCS/J7DFN1AD-LCSD LCS Lot-Sample#: D7I210000-253					
	101	(90 - 110)			MCAWW 350.1	09/20/07	7264253
	100	(90 - 110)	1.1	(0-10)	MCAWW 350.1	09/20/07	7264253
		Dilution Factor: 1			Analysis Time..: 09:53		
Biochemical Oxygen Demand (BOD)		WO#:J7AVE1AC-LCS/J7AVE1AD-LCSD LCS Lot-Sample#: D7I140000-505					
	92	(85 - 115)			MCAWW 405.1	09/14/07	7257505
	89	(85 - 115)	2.8	(0-20)	MCAWW 405.1	09/14/07	7257505
		Dilution Factor: 1			Analysis Time..: 08:23		
Chemical Oxygen Demand (COD)		WO#:J7LT41AC-LCS/J7LT41AD-LCSD LCS Lot-Sample#: D7I220000-111					
	98	(80 - 115)			MCAWW 410.4	09/22-09/25/07	7265111
	97	(80 - 115)	0.38	(0-11)	MCAWW 410.4	09/22-09/25/07	7265111
		Dilution Factor: 1			Analysis Time..: 10:00		
Chloride		WO#:J7MH41AC-LCS/J7MH41AD-LCSD LCS Lot-Sample#: D7I240000-384					
	99	(90 - 110)			MCAWW 300.0A	09/22/07	7267384
	100	(90 - 110)	1.1	(0-10)	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 1			Analysis Time..: 12:18		
Nitrate		WO#:J7EGR1AC-LCS/J7EGR1AD-LCSD LCS Lot-Sample#: D7I210000-459					
	101	(86 - 110)			MCAWW 353.2	09/14/07	7264459
	103	(86 - 110)	1.2	(0-10)	MCAWW 353.2	09/14/07	7264459
		Dilution Factor: 1			Analysis Time..: 20:15		
Sulfate		WO#:J67AW1AC-LCS/J67AW1AD-LCSD LCS Lot-Sample#: D7I190000-437					
	101	(91 - 112)			MCAWW 375.4	09/19/07	7262437
	99	(91 - 112)	2.1	(0-15)	MCAWW 375.4	09/19/07	7262437
		Dilution Factor: 1			Analysis Time..: 11:00		
Total phosphorus		WO#:J7AK71AC-LCS/J7AK71AD-LCSD LCS Lot-Sample#: D7I200000-499					
	97	(90 - 110)			MCAWW 365.3	09/18-09/20/07	7263499
	99	(90 - 110)	2.5	(0-20)	MCAWW 365.3	09/18-09/20/07	7263499
		Dilution Factor: 1			Analysis Time..: 10:00		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D7I140196 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:J7MGJ1AC-LCS/J7MGJ1AD-LCSD				LCS Lot-Sample#: D7I250000-518	
	98	(90 - 110)			MCAWW 310.1	09/25/07	7268518
	95	(90 - 110)	2.6	(0-10)	MCAWW 310.1	09/25/07	7268518
		Dilution Factor: 1			Analysis Time..: 14:45		
Total Dissolved Solids		WO#:J7C4M1AC-LCS/J7C4M1AD-LCSD				LCS Lot-Sample#: D7I180000-555	
	99	(86 - 106)			MCAWW 160.1	09/18/07	7261555
	99	(86 - 106)	0.20	(0-20)	MCAWW 160.1	09/18/07	7261555
		Dilution Factor: 1			Analysis Time..: 18:45		
Total Organic Carbon		WO#:J7DVW1AC-LCS/J7DVW1AD-LCSD				LCS Lot-Sample#: D7I210000-318	
	102	(86 - 114)			MCAWW 415.1	09/20/07	7264318
	103	(86 - 114)	0.31	(0-12)	MCAWW 415.1	09/20/07	7264318
		Dilution Factor: 1			Analysis Time..: 06:00		
Total Suspended Solids		WO#:J7EKF1AC-LCS/J7EKF1AD-LCSD				LCS Lot-Sample#: D7I180000-557	
	87	(86 - 114)			MCAWW 160.2	09/18/07	7261557
	96	(86 - 114)	9.8	(0-20)	MCAWW 160.2	09/18/07	7261557
		Dilution Factor: 1			Analysis Time..: 13:45		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D7I140196 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		WO#:J7DFN1AC-LCS/J7DFN1AD-LCSD				LCS Lot-Sample#: D7I210000-253		
	4.00	4.06	mg/L	101		MCAWW 350.1	09/20/07	7264253
	4.00	4.01	mg/L	100	1.1	MCAWW 350.1	09/20/07	7264253
		Dilution Factor: 1				Analysis Time..: 09:53		
Biochemical Oxygen Demand (BOD)		WO#:J7AVE1AC-LCS/J7AVE1AD-LCSD				LCS Lot-Sample#: D7I140000-505		
	198	182	mg/L	92		MCAWW 405.1	09/14/07	7257505
	198	177	mg/L	89	2.8	MCAWW 405.1	09/14/07	7257505
		Dilution Factor: 1				Analysis Time..: 08:23		
Chemical Oxygen Demand (COD)		WO#:J7LT41AC-LCS/J7LT41AD-LCSD				LCS Lot-Sample#: D7I220000-111		
	100	97.6	mg/L	98		MCAWW 410.4	09/22-09/25/07	7265111
	100	97.3	mg/L	97	0.38	MCAWW 410.4	09/22-09/25/07	7265111
		Dilution Factor: 1				Analysis Time..: 10:00		
Chloride		WO#:J7MH41AC-LCS/J7MH41AD-LCSD				LCS Lot-Sample#: D7I240000-384		
	25.0	24.8	mg/L	99		MCAWW 300.0A	09/22/07	7267384
	25.0	25.1	mg/L	100	1.1	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 1				Analysis Time..: 12:18		
Nitrate		WO#:J7EGR1AC-LCS/J7EGR1AD-LCSD				LCS Lot-Sample#: D7I210000-459		
	0.0500	0.0507	mg/L	101		MCAWW 353.2	09/14/07	7264459
	0.0500	0.0513	mg/L	103	1.2	MCAWW 353.2	09/14/07	7264459
		Dilution Factor: 1				Analysis Time..: 20:15		
Sulfate		WO#:J67AW1AC-LCS/J67AW1AD-LCSD				LCS Lot-Sample#: D7I190000-437		
	25.0	25.4	mg/L	101		MCAWW 375.4	09/19/07	7262437
	25.0	24.9	mg/L	99	2.1	MCAWW 375.4	09/19/07	7262437
		Dilution Factor: 1				Analysis Time..: 11:00		
Total phosphorus		WO#:J7AK71AC-LCS/J7AK71AD-LCSD				LCS Lot-Sample#: D7I200000-499		
	0.500	0.483	mg/L	97		MCAWW 365.3	09/18-09/20/07	7263499
	0.500	0.496	mg/L	99	2.5	MCAWW 365.3	09/18-09/20/07	7263499
		Dilution Factor: 1				Analysis Time..: 10:00		

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D7I140196 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:J7MGJ1AC-LCS/J7MGJ1AD-LCSD				LCS Lot-Sample#: D7I250000-518		
	200	195	mg/L	98		MCAWW 310.1	09/25/07	7268518
	200	190	mg/L	95	2.6	MCAWW 310.1	09/25/07	7268518
		Dilution Factor: 1				Analysis Time..: 14:45		
Total Dissolved Solids		WO#:J7C4M1AC-LCS/J7C4M1AD-LCSD				LCS Lot-Sample#: D7I180000-555		
	500	494	mg/L	99		MCAWW 160.1	09/18/07	7261555
	500	495	mg/L	99	0.20	MCAWW 160.1	09/18/07	7261555
		Dilution Factor: 1				Analysis Time..: 18:45		
Total Organic Carbon		WO#:J7DVW1AC-LCS/J7DVW1AD-LCSD				LCS Lot-Sample#: D7I210000-318		
	25.0	25.6	mg/L	102		MCAWW 415.1	09/20/07	7264318
	25.0	25.7	mg/L	103	0.31	MCAWW 415.1	09/20/07	7264318
		Dilution Factor: 1				Analysis Time..: 06:00		
Total Suspended Solids		WO#:J7EKF1AC-LCS/J7EKF1AD-LCSD				LCS Lot-Sample#: D7I180000-557		
	100	87.0	mg/L	87		MCAWW 160.2	09/18/07	7261557
	100	96.0	mg/L	96	9.8	MCAWW 160.2	09/18/07	7261557
		Dilution Factor: 1				Analysis Time..: 13:45		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I140196 **Matrix.....:** WATER
Date Sampled...: 09/18/07 **Date Received..:** 09/19/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		WO#: J6T2E1AK-MS/J6T2E1AL-MSD				MS Lot-Sample #: D7I140146-001	
	92	(81 - 114)			MCAWW 350.1	09/20/07	7264253
	103 *	(81 - 114)	11	(0-10)	MCAWW 350.1	09/20/07	7264253
		Dilution Factor: 1					
		Analysis Time..: 09:53					
Chloride		WO#: J60N21AP-MS/J60N21AQ-MSD				MS Lot-Sample #: D7I150215-003	
	96	(80 - 120)			MCAWW 300.0A	09/22/07	7267384
	94	(80 - 120)	0.81	(0-20)	MCAWW 300.0A	09/22/07	7267384
		Dilution Factor: 100					
		Analysis Time..: 16:03					
Sulfate		WO#: J6QRR1A2-MS/J6QRR1A3-MSD				MS Lot-Sample #: D7I130242-001	
	97	(45 - 153)			MCAWW 375.4	09/19/07	7262437
	99	(45 - 153)	1.3	(0-21)	MCAWW 375.4	09/19/07	7262437
		Dilution Factor: 1					
		Analysis Time..: 11:00					
Total phosphorus		WO#: J6NFG1A3-MS/J6NFG1A4-MSD				MS Lot-Sample #: D7I120277-002	
	113	(71 - 128)			MCAWW 365.3	09/18-09/20/07	7263499
	127	(71 - 128)	11	(0-22)	MCAWW 365.3	09/18-09/20/07	7263499
		Dilution Factor: 1					
		Analysis Time..: 10:00					
Total Organic Carbon		WO#: J653A1AJ-MS/J653A1AK-MSD				MS Lot-Sample #: D7I190155-001	
	102	(65 - 139)			MCAWW 415.1	09/20/07	7264313
	101	(65 - 139)	0.86	(0-41)	MCAWW 415.1	09/20/07	7264313
		Dilution Factor: 1					
		Analysis Time..: 16:00					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D7I140196 **Matrix.....:** WATER
Date Sampled...: 09/18/07 **Date Received..:** 09/19/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N			WO#: J6T2E1AK-MS/J6T2E1AL-MSD				MS Lot-Sample #: D7I140146-001		
	0.30	4.00	3.99	mg/L	92		MCAWW 350.1	09/20/07	7264253
	0.30	4.00	4.44 *	mg/L	103	11	MCAWW 350.1	09/20/07	7264253
			Dilution Factor: 1						
			Analysis Time..: 09:53						
Chloride			WO#: J60N21AP-MS/J60N21AQ-MSD				MS Lot-Sample #: D7I150215-003		
	2500	2500	4940	mg/L	96		MCAWW 300.0A	09/22/07	7267384
	2500	2500	4900	mg/L	94	0.81	MCAWW 300.0A	09/22/07	7267384
			Dilution Factor: 100						
			Analysis Time..: 16:03						
Sulfate			WO#: J6QRR1A2-MS/J6QRR1A3-MSD				MS Lot-Sample #: D7I130242-001		
	3.4	25.0	27.7	mg/L	97		MCAWW 375.4	09/19/07	7262437
	3.4	25.0	28.1	mg/L	99	1.3	MCAWW 375.4	09/19/07	7262437
			Dilution Factor: 1						
			Analysis Time..: 11:00						
Total phosphorus			WO#: J6NFG1A3-MS/J6NFG1A4-MSD				MS Lot-Sample #: D7I120277-002		
	0.091	0.500	0.654	mg/L	113		MCAWW 365.3	09/18-09/20/07	7263499
	0.091	0.500	0.728	mg/L	127	11	MCAWW 365.3	09/18-09/20/07	7263499
			Dilution Factor: 1						
			Analysis Time..: 10:00						
Total Organic Carbon			WO#: J653A1AJ-MS/J653A1AK-MSD				MS Lot-Sample #: D7I190155-001		
	ND	25.0	25.6	mg/L	102		MCAWW 415.1	09/20/07	7264313
	ND	25.0	25.4	mg/L	101	0.86	MCAWW 415.1	09/20/07	7264313
			Dilution Factor: 1						
			Analysis Time..: 16:00						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

* Relative percent difference (RPD) is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I140196 **Work Order #...:** J6QAW-SMP J6QAW-DUP **Matrix.....:** WATER

Date Sampled...: 09/12/07 11:30 **Date Received..:** 09/13/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)						SD Lot-Sample #:	I7I130191-001	
	9.2	9.5	mg/L	3.8	(0-20)	MCAWW 405.1	09/14/07	7257501

Dilution Factor: 1 Analysis Time..: 08:23

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I140196 **Work Order #...:** J6Q26-SMP J6Q26-DUP **Matrix.....:** WATER

Date Sampled...: 09/12/07 11:15 **Date Received..:** 09/13/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: D7I130259-005		
	490	500	mg/L	0.81	(0-20)	MCAWW 160.1	09/18/07	7261556

Dilution Factor: 1 Analysis Time..: 18:45

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I140196 **Work Order #...:** J6VED-SMP J6VED-DUP **Matrix.....:** WATER

Date Sampled...: 09/13/07 15:00 **Date Received..:** 09/14/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids						SD Lot-Sample #: D7I140189-001		
	290	300	mg/L	3.1	(0-20)	MCAWW 160.2	09/18/07	7261558

Dilution Factor: 1 Analysis Time..: 13:45

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I140196 **Work Order #...:** J6NF6-SMP J6NF6-DUP **Matrix.....:** WATER

Date Sampled...: 09/11/07 09:10 **Date Received..:** 09/12/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)						SD Lot-Sample #: D7I120281-001		
	ND	ND	mg/L	0	(0-20)	MCAWW 410.4	09/22-09/25/07	7265113

Dilution Factor: 1 Analysis Time..: 10:00

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7I140196 **Work Order #...:** J6VFR-SMP J6VFR-DUP **Matrix.....:** WATER

Date Sampled...: 09/13/07 14:00 **Date Received..:** 09/14/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate, as CaCO3						SD Lot-Sample #:	D7I140196-001	
	2600 J	2700	mg/L	3.0	(0-10)	MCAWW 310.1	09/25/07	7268517
			Dilution Factor: 4			Analysis Time..: 14:45		
Total Alkalinity						SD Lot-Sample #:	D7I140196-001	
	2600 J,Q	2700 Q	mg/L	3.0	(0-10)	MCAWW 310.1	09/25/07	7268518
			Dilution Factor: 4			Analysis Time..: 14:45		
Carbonate, as CaCO3						SD Lot-Sample #:	D7I140196-001	
	ND	ND	mg/L	0	(0-0.0)	MCAWW 310.1	09/25/07	7268519
			Dilution Factor: 1			Analysis Time..: 14:45		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
WM	MARK SNYDER	9-13-07	354753
Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 1
City / State / Zip Code	Site Contact	Lab Contact: Betty Sam	
Project Name and Location (State): Redmont	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: 134 210744-F			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil		Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		Metals (tot)	VOA	TDS/SO4/Alk	TOC	Nitrate (353.2)	COD	T. Phos./NH3	BOD	Cl	TSS			Special Instructions/ Conditions of Receipt
LEACHATE	9-13	1400		X				X	X	X	X				X	X	X	X	X	X	X	X	X	X			
TRIP	9-13	—		X												X											

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other_____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	9-13-07	1700	1. Received By	9-14-07	0800
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: LEACH (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory)

Laboratory Use Only/Lab ID: D7I140196-001

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
09 13 07					

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or ____ µ (circle or fill in)

Purging Device: —
A- Submersible Pump, B-Peristaltic Pump, C-OED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: X

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

X-Other: Sample Port on leachate system

WELL DATA

Well Elevation (at TOC) ____ (ft/msl)

Depth to Water (DTW) (from TOC) ____ (ft)

Groundwater Elevation (site datum, from TOC) ____ (ft/msl)

Total Well Depth (from TOC) ____ (ft)

Stick Up (from ground elevation) ____ (ft)

Casing ID ____ (in)

Casing Material ____

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1400	NA 1st	7.11 1st	8790 1st	28.3	282	0.1 (-)	1200	
	2nd	2nd	2nd					
	3rd	3rd	3rd					
	4th	4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
09 13 07	7.11	8790	28.3	282	0.1 (-)	1200	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: SLIGHTLY CLOUDY Odor: ODOR Color: BROWN Other: No Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: P.C. 85°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
9/13/07	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

APPENDIX 1 – PART 5

LABORATORY ANALYTICAL RESULTS

MW-02 Resample

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Project No. Site 134

Piedmont Landfill

Lot #: D7K160193

MW-02

Mark Snyder

Waste Management Inc.
Southern Area
2859 Paces Ferry Road Suite 1600
Atlanta, GA 30339

Cc: Van Burbach

TestAmerica Denver
North Carolina Certification # 358

Betsy Sara
Project Manager

December 7, 2007

Table Of Contents

Standard Deliverables

Report Contents	Total Number of Pages
Standard Deliverables *The Cover Letter and the Report Cover page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	

- **Table of Contents**
- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **Chain-of-Custody**

Lot #: D7K160193

Case Narrative

Enclosed is the report for three samples received at TestAmerica Denver on November 16, 2007. The results included in this report have been reviewed for compliance with TestAmerica's Laboratory Quality Manual. The results relate only to the samples in this report and meet all requirements of NELAC and any exceptions are noted below. TestAmerica's North Carolina certification number is 358.

The reporting limits (RLs) in this report are North Carolina SWSLs.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Quality Control Summary for Lots D7K160193

Sample Receiving

The cooler temperature upon receipt at the Denver laboratory was 2.2°C.

All sample bottles were received in acceptable condition.

Holding Times

The holding time was within established control limits.

Method Blanks

The Method Blank was within established control limits.

Laboratory Control Samples (LCS)

The Laboratory Control Sample was within established control limits.

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

The MS/MSD samples were within established control limits.

EXECUTIVE SUMMARY - Detection Highlights

D7K160193

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
3406-MW02 11/15/07 12:42 001				
Benzene	0.98 J	1.0	ug/L	SW846 8260B
Vinyl chloride	1.3	1.0	ug/L	SW846 8260B

PREPARATION METHODS SUMMARY

D7K160193

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
25 mL Purge-and-Trap	SW846 5030B/826	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

ANALYTICAL METHODS SUMMARY

D7K160193

PARAMETER	ANALYTICAL METHOD
Volatile Organics by GC/MS	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D7K160193

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 8260B	Greg Meier	006004

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D7K160193

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KCE01	001	3406-MW02	11/15/07	12:42
KCE04	002	FIELD BLANK	11/15/07	13:00
KCE07	003	TRIP BLANK	11/15/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Waste Management, Inc.

Client Sample ID: 3406-MW02

GC/MS Volatiles

Lot-Sample #...: D7K160193-001 Work Order #...: KCE011AA Matrix.....: WATER
Date Sampled...: 11/15/07 12:42 Date Received..: 11/16/07
Prep Date.....: 11/29/07 Analysis Date..: 11/29/07
Prep Batch #...: 7334056 Analysis Time..: 08:36
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Benzene	0.98 J	1.0	ug/L	0.16
Vinyl chloride	1.3	1.0	ug/L	0.17

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(79 - 119)
1,2-Dichloroethane-d4	95	(65 - 126)
4-Bromofluorobenzene	102	(75 - 115)
Toluene-d8	114	(78 - 118)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: FIELD BLANK

GC/MS Volatiles

Lot-Sample #...: D7K160193-002 Work Order #...: KCE041AA Matrix.....: WATER
Date Sampled...: 11/15/07 13:00 Date Received..: 11/16/07
Prep Date.....: 11/29/07 Analysis Date..: 11/29/07
Prep Batch #...: 7334056 Analysis Time..: 09:31
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Benzene	ND	1.0	ug/L	0.16
Vinyl chloride	ND	1.0	ug/L	0.17

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(79 - 119)
1,2-Dichloroethane-d4	101	(65 - 126)
4-Bromofluorobenzene	96	(75 - 115)
Toluene-d8	108	(78 - 118)

Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D7K160193-003
Date Sampled...: 11/15/07
Prep Date.....: 11/29/07
Prep Batch #...: 7334056
Dilution Factor: 1

Work Order #...: KCE071AA
Date Received..: 11/16/07
Analysis Date..: 11/29/07
Analysis Time..: 09:50

Matrix.....: WATER

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Benzene	ND	1.0	ug/L	0.16
Vinyl chloride	ND	1.0	ug/L	0.17

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(79 - 119)
1,2-Dichloroethane-d4	98	(65 - 126)
4-Bromofluorobenzene	96	(75 - 115)
Toluene-d8	104	(78 - 118)

QC DATA ASSOCIATION SUMMARY

D7K160193

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		7334056	7334064
002	WATER	SW846 8260B		7334056	7334064
003	WATER	SW846 8260B		7334056	7334064

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7K160193
MB Lot-Sample #: D7K300000-056

Work Order #...: KC6KD1AA

Matrix.....: WATER

Prep Date.....: 11/29/07

Analysis Time..: 08:17

Analysis Date..: 11/29/07
Dilution Factor: 1

Prep Batch #...: 7334056

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(79 - 119)
1,2-Dichloroethane-d4	101	(65 - 126)
4-Bromofluorobenzene	101	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7K160193 Work Order #...: KC6KD1AC Matrix.....: WATER
LCS Lot-Sample#: D7K300000-056
Prep Date.....: 11/29/07 Analysis Date..: 11/29/07
Prep Batch #...: 7334056 Analysis Time..: 07:59
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**88**	**(77 - 118)**	**SW846 8260B**
1,1-Dichloroethene	**102**	**(68 - 133)**	**SW846 8260B**
Chlorobenzene	**90**	**(78 - 118)**	**SW846 8260B**
Toluene	**92**	**(73 - 120)**	**SW846 8260B**
Trichloroethene	**93**	**(78 - 122)**	**SW846 8260B**
Chloroform	**92**	**(78 - 118)**	**SW846 8260B**
1,3-Dichlorobenzene	**77**	**(75 - 115)**	**SW846 8260B**
1,1-Dichloroethane	**88**	**(77 - 117)**	**SW846 8260B**
1,2-Dichloropropane	**84**	**(76 - 116)**	**SW846 8260B**
Ethylbenzene	**92**	**(78 - 118)**	**SW846 8260B**
Methylene chloride	**86**	**(71 - 119)**	**SW846 8260B**
Tetrachloroethene	**90**	**(77 - 117)**	**SW846 8260B**
1,1,1-Trichloroethane	**92**	**(78 - 118)**	**SW846 8260B**
Carbon tetrachloride	**91**	**(80 - 120)**	**SW846 8260B**
trans-1,2-Dichloroethene	**83**	**(80 - 120)**	**SW846 8260B**
Bromodichloromethane	**87**	**(78 - 118)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(79 - 119)
1,2-Dichloroethane-d4	89	(65 - 126)
4-Bromofluorobenzene	100	(75 - 115)
Toluene-d8	104	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7K160193 Work Order #...: KC6KD1AC Matrix.....: WATER
LCS Lot-Sample#: D7K300000-056
Prep Date.....: 11/29/07 Analysis Date..: 11/29/07
Prep Batch #...: 7334056 Analysis Time..: 07:59
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	5.00	4.39	ug/L	88	SW846 8260B
1,1-Dichloroethene	5.00	5.12	ug/L	102	SW846 8260B
Chlorobenzene	5.00	4.51	ug/L	90	SW846 8260B
Toluene	5.00	4.60	ug/L	92	SW846 8260B
Trichloroethene	5.00	4.64	ug/L	93	SW846 8260B
Chloroform	5.00	4.60	ug/L	92	SW846 8260B
1,3-Dichlorobenzene	5.00	3.83	ug/L	77	SW846 8260B
1,1-Dichloroethane	5.00	4.42	ug/L	88	SW846 8260B
1,2-Dichloropropane	5.00	4.19	ug/L	84	SW846 8260B
Ethylbenzene	5.00	4.62	ug/L	92	SW846 8260B
Methylene chloride	5.00	4.29	ug/L	86	SW846 8260B
Tetrachloroethene	5.00	4.52	ug/L	90	SW846 8260B
1,1,1-Trichloroethane	5.00	4.58	ug/L	92	SW846 8260B
Carbon tetrachloride	5.00	4.57	ug/L	91	SW846 8260B
trans-1,2-Dichloroethene	5.00	4.17	ug/L	83	SW846 8260B
Bromodichloromethane	5.00	4.34	ug/L	87	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(79 - 119)
1,2-Dichloroethane-d4	89	(65 - 126)
4-Bromofluorobenzene	100	(75 - 115)
Toluene-d8	104	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7K160193 Work Order #...: KCE011AC-MS Matrix.....: WATER
MS Lot-Sample #: D7K160193-001 KCE011AD-MSD
Date Sampled...: 11/15/07 12:42 Date Received..: 11/16/07
Prep Date.....: 11/29/07 Analysis Date..: 11/29/07
Prep Batch #...: 7334056 Analysis Time..: 08:54
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	89	(77 - 118)			SW846 8260B
	95	(77 - 118)	5.3	(0-20)	SW846 8260B
1,1-Dichloroethene	110	(68 - 133)			SW846 8260B
	108	(68 - 133)	2.3	(0-20)	SW846 8260B
Chlorobenzene	96	(78 - 118)			SW846 8260B
	107	(78 - 118)	10	(0-20)	SW846 8260B
Toluene	99	(73 - 120)			SW846 8260B
	107	(73 - 120)	7.5	(0-20)	SW846 8260B
Trichloroethene	95	(78 - 122)			SW846 8260B
	94	(78 - 122)	0.92	(0-20)	SW846 8260B
Chloroform	96	(78 - 118)			SW846 8260B
	97	(78 - 118)	0.53	(0-20)	SW846 8260B
1,3-Dichlorobenzene	80	(75 - 115)			SW846 8260B
	88	(75 - 115)	9.5	(0-20)	SW846 8260B
1,1-Dichloroethane	98	(77 - 117)			SW846 8260B
	96	(77 - 117)	1.3	(0-21)	SW846 8260B
1,2-Dichloropropane	92	(76 - 116)			SW846 8260B
	95	(76 - 116)	3.5	(0-20)	SW846 8260B
Ethylbenzene	100	(78 - 118)			SW846 8260B
	108	(78 - 118)	7.4	(0-26)	SW846 8260B
Methylene chloride	84	(71 - 119)			SW846 8260B
	93	(71 - 119)	8.2	(0-20)	SW846 8260B
Tetrachloroethene	101	(77 - 117)			SW846 8260B
	110	(77 - 117)	8.8	(0-20)	SW846 8260B
1,1,1-Trichloroethane	99	(78 - 118)			SW846 8260B
	96	(78 - 118)	3.2	(0-20)	SW846 8260B
Carbon tetrachloride	100	(80 - 120)			SW846 8260B
	98	(80 - 120)	2.8	(0-21)	SW846 8260B
trans-1,2-Dichloroethene	94	(80 - 120)			SW846 8260B
	94	(80 - 120)	0.73	(0-24)	SW846 8260B
Bromodichloromethane	95	(78 - 118)			SW846 8260B
	92	(78 - 118)	3.0	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(79 - 119)
	101	(79 - 119)
1,2-Dichloroethane-d4	97	(65 - 126)
	95	(65 - 126)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7K160193 **Work Order #...:** KCE011AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D7K160193-001 KCE011AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	92	(75 - 115)
	105	(75 - 115)
Toluene-d8	104	(78 - 118)
	112	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7K160193 Work Order #...: KCE011AC-MS Matrix.....: WATER
MS Lot-Sample #: D7K160193-001 KCE011AD-MSD
Date Sampled...: 11/15/07 12:42 Date Received..: 11/16/07
Prep Date.....: 11/29/07 Analysis Date..: 11/29/07
Prep Batch #...: 7334056 Analysis Time..: 08:54
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	0.98	5.00	5.45	ug/L	89		SW846 8260B
	0.98	5.00	5.74	ug/L	95	5.3	SW846 8260B
1,1-Dichloroethene	ND	5.00	5.52	ug/L	110		SW846 8260B
	ND	5.00	5.40	ug/L	108	2.3	SW846 8260B
Chlorobenzene	ND	5.00	4.80	ug/L	96		SW846 8260B
	ND	5.00	5.33	ug/L	107	10	SW846 8260B
Toluene	ND	5.00	4.97	ug/L	99		SW846 8260B
	ND	5.00	5.36	ug/L	107	7.5	SW846 8260B
Trichloroethene	ND	5.00	4.76	ug/L	95		SW846 8260B
	ND	5.00	4.72	ug/L	94	0.92	SW846 8260B
Chloroform	ND	5.00	4.80	ug/L	96		SW846 8260B
	ND	5.00	4.83	ug/L	97	0.53	SW846 8260B
1,3-Dichlorobenzene	ND	5.00	4.00	ug/L	80		SW846 8260B
	ND	5.00	4.40	ug/L	88	9.5	SW846 8260B
1,1-Dichloroethane	0.53	5.00	5.41	ug/L	98		SW846 8260B
	0.53	5.00	5.34	ug/L	96	1.3	SW846 8260B
1,2-Dichloropropane	ND	5.00	4.60	ug/L	92		SW846 8260B
	ND	5.00	4.76	ug/L	95	3.5	SW846 8260B
Ethylbenzene	ND	5.00	5.01	ug/L	100		SW846 8260B
	ND	5.00	5.39	ug/L	108	7.4	SW846 8260B
Methylene chloride	0.59	5.00	4.82	ug/L	84		SW846 8260B
	0.59	5.00	5.23	ug/L	93	8.2	SW846 8260B
Tetrachloroethene	ND	5.00	5.05	ug/L	101		SW846 8260B
	ND	5.00	5.51	ug/L	110	8.8	SW846 8260B
1,1,1-Trichloroethane	ND	5.00	4.93	ug/L	99		SW846 8260B
	ND	5.00	4.78	ug/L	96	3.2	SW846 8260B
Carbon tetrachloride	ND	5.00	5.02	ug/L	100		SW846 8260B
	ND	5.00	4.88	ug/L	98	2.8	SW846 8260B
trans-1,2-Dichloroethene	ND	5.00	4.68	ug/L	94		SW846 8260B
	ND	5.00	4.71	ug/L	94	0.73	SW846 8260B
Bromodichloromethane	ND	5.00	4.74	ug/L	95		SW846 8260B
	ND	5.00	4.60	ug/L	92	3.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(79 - 119)
	101	(79 - 119)
1,2-Dichloroethane-d4	97	(65 - 126)
	95	(65 - 126)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7K160193 **Work Order #...:** KCE011AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D7K160193-001 KCE011AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	92	(75 - 115)
	105	(75 - 115)
Toluene-d8	104	(78 - 118)
	112	(78 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Chain of Custody Record

4124 (0907)

Temperature on Receipt 2.2°C

CPIRJ 11/16/07

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client: WASTE MANAGEMENT	Project Manager: MARK SNYDER	Date:	Chain of Custody Number: 408642
Address: 2859 PACES FERRY RD., STE. 1600	Telephone Number (Area Code)/Fax Number: 770-805-3529	Lab Number:	Page 1 of 1
City: ATLANTA; State: GA; Zip Code: 30339	Site Contact:	Lab Contact:	
Project Name and Location (State): Piedmont NC	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 134 26744-P			

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	8260B	benzene	vinyl chloride	Special Instructions/ Conditions of Receipt
MW-02 (3406-MW02)	11-15-07	12:42		X						X				X	X	
FIELD BLANK	11-15-07	13:00		X						X				X	X	
TRIP BLANK	10-30-07			X						X				X	X	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☒ Archive For 1 Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Daniel A. Gardner	11-15-07	13:30	1. Received By: [signature]	11/16/07	0830
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: 3406-MW2 Re-sample for benzene + vinyl chloride

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.: 134 Sample Point: MW02 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: D7K160193-C21

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
111507	1205	0037	08	18	22

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other _____

Sample Tube Type: C, D — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____

WELL DATA

Well Elevation (at TOC): 77804 (ft/msl)

Depth to Water (DTW) (from TOC): 3046 (ft)

Groundwater Elevation (site datum, from TOC): 74758 (ft/msl)

Total Well Depth (from TOC): 3550 (ft)

Stick Up (from ground elevation): + (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1210		1st	585	1st	124	153	142	47	2021	311
1214		2nd	567	2nd	119	153	130	37	2071	309
1218		3rd	565	3rd	121	153	48	31	2085	309
1222		4th	566	4th	121	150	41	29	2088	309
1226			559		120	149	56	33	2108	309
1230			564		121	149	27	35	2126	309
1234			566		121	149	26	31 ✓	2123 ✓	309
1238			567		121	148	27	30 ✓	2132 ✓	309
1242			565		121	147	32	31	2156	309
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: DTW Units feet
111507	565	121	147	32	31	2156	309

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: clear Odor: NO Color: clear Other: RAINED THIS A.M.

Weather Conditions (required daily, or as conditions change): Direction/Speed: NE 0-15 Outlook: SUNNY Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required): 35.50'-30.46'=5.04'; 5.04x.163=0.82 gal

SYSTEM VOL. 750mL

PURGE RATE 150 mL

WELL CONDITION: GOOD, Pad covered by sediment + grass

SAMPLE TIME: 1242 CONTAINER QTY: 3 Field Blank @ 13:00

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
11,15,07	DANIEL S. GIRDNER	Daniel S. Girdner	JEI
11,15,07	Robert L. Winfield	Robert L. Winfield	JEI

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

APPENDIX 2

RESULTS OF GROUNDWATER STATISTICS

Results of the Ground Water Statistics for

Piedmont Landfill

Second Semi-Annual Monitoring Event in 2007

Prepared for:
Piedmont Landfill and Recycling Center
Kernersville, North Carolina

Prepared by:
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October 2007

Introduction

This report contains the results of the statistical analysis used to evaluate the ground water data obtained during the second semi-annual monitoring event in 2007 at Piedmont Landfill in Kernersville, North Carolina. The ground water at Piedmont Landfill is monitored semi-annually at MW01 (upgradient), MW02, MW03, MW04, MW04D, MW05, MW06 (upgradient), MW07, MW08, MW09R, MW10, MW11, MW11D, MW12, and MW12D. These ground water monitoring were sampled during September/October 2007 and analyzed for the trace metals and volatile organic compounds (VOCs) listed below.

Trace Metals

Antimony, Total	Chromium, Total	Selenium, Total
Arsenic, Total	Cobalt, Total	Silver, Total
Barium, Total	Copper, Total	Thallium, Total
Beryllium, Total	Lead, Total	Vanadium, Total
Cadmium, Total	Nickel, Total	Zinc, Total

Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	Acetone	Dibromomethane
1,1,1-Trichloroethane	Acrylonitrile	Ethylbenzene
1,1,2,2-Tetrachloroethane	Benzene	Iodomethane
1,1,2-Trichloroethane	Bromochloromethane	Methylene chloride
1,1-Dichloroethane	Bromodichloromethane	Styrene
1,1-Dichloroethene	Bromoform	Tetrachloroethene
1,2,3-Trichloropropane	Bromomethane	Toluene
1,2-Dibromo-3-chloropropane	Carbon disulfide	*trans*-1,2-Dichloroethene
1,2-Dibromoethane	Carbon tetrachloride	*trans*-1,3-Dichloropropene
1,2-Dichlorobenzene	Chlorobenzene	*trans*-1,4-Dichloro-2-butene
1,2-Dichloroethane	Chloroethane	Trichloroethene
1,2-Dichloropropane	Chloroform	Trichlorofluoromethane
1,4-Dichlorobenzene	Chloromethane	Vinyl acetate
2-Butanone; Methyl ethyl ketone	*cis*-1,2-Dichloroethene	Vinyl chloride
2-Hexanone	*cis*-1,3-Dichloropropene	Xylenes (Total)
4-Methyl-2-pentanone	Dibromochloromethane	

The trace metals data were compared to historical background data using intrawell statistics. The statistical method used to evaluate the ground water data was prepared by Dr. Robert Gibbons in accordance with the EPA statistical guidance document (*"Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Addendum to Interim Final Guidance"*, July 1992) and ASTM standard D6312-98 (*"Standard Guide for Developing Appropriate Statistical Approaches for Ground-Water Detection Monitoring Programs"*). The organic constituents were compared to maximum contaminant levels (MCLs) or practical quantitation limits (PQLs), in lieu of statistical comparisons to background concentrations.

Intrawell Comparisons

Intrawell comparisons are used to evaluate the ground water data at Piedmont Landfill in accordance with the site's statistical analysis plan. Intrawell statistics are appropriate for facilities where the upgradient

wells do not accurately characterize the natural ground water conditions downgradient from the facility, due to different hydrogeological conditions where the wells are screened, having too few upgradient wells to account for the spatial variability, or the site exhibiting no definable hydraulic gradient. Intrawell statistics compare new measurements to the historical data at each ground water monitoring well independently.

The most useful technique for intrawell comparisons is the combined Shewhart-CUSUM control chart using the DUMPStat® program. This control chart procedure is useful because it will detect releases both in terms of the constituent concentration and cumulative increases. This method is also extremely sensitive to sudden and gradual releases. A requirement for constructing these control charts is that the parameter is detected at a frequency greater than or equal to 25%, otherwise the data variance is not properly defined.

The database is screened for outliers using the Dixon test. An erroneous data point, if not removed prior to the mean and variance computations would yield a larger control limit thus increasing the false negative rate. Anomalous data will still be plotted on the graphs but will not be included in the calculations. The background data is tested for existing trends using Sen's slope test. If contamination exists prior to completing the background, the control limits could be potentially high and this control chart method would not be able to detect an increasing trend unless the increase is severe.

The combined Shewhart-CUSUM control chart assumes that the data are independent and normally distributed with a fixed mean and a constant variance.

Many ground water monitoring parameters are not detected at a frequency great enough to generate the combined Shewhart-CUSUM control charts. For constituents that are detected less than 25% of the time monitored at a particular well, the data is plotted as a time series until a sufficient number of data points are available to provide a 99% confidence nonparametric prediction limit. The nonparametric prediction limit is the largest determination out of the data set collected for that well and parameter.

Results

The ground water data obtained during the second semi-annual monitoring event in 2007 are summarized in Attachment A. The trace metals data were compared to the historical background data at each well. The background was established using the data obtained through 2003.

The background range was tested for increasing trends using Sen's Test. There were increasing trends detected for barium at wells MW01, MW02, MW04, MW04D, MW05, and MW08, however, these trends are attributed to the change in reporting limits and not the landfill.

A summary of the intrawell statistics is included in Attachment B, Table 1 "Summary Statistics and Intermediate Computations for Combined Shewhart-CUSUM Control Charts." The control charts or time series graphs follow the summary table.

For the trace metals analyzed, there are no control limit exceedances detected.

The site-wide false positive rate is 3% and the test becomes sensitive to 4 standard deviation units over background. Due to the large number of statistical comparisons, modification to the statistical default settings in DUMPStat® were implemented to achieve the site-wide false positive rate standards recommended by EPA (EPA, July 1992, 5.0, Strategies for Multiple Comparisons).

The only VOCs detected in the ground water during the September/October 2007 monitoring event were benzene (1.1 μg/L) at MW02, vinyl chloride (1.3 μg/L) at MW02, 1,1-dichloroethane (12.0 μg/L) at MW09R, and *cis*-1,2-dichloroethene (5.1 μg/L) at MW09R. The benzene and vinyl chloride detections at MW02 are initial occurrences and have not been verified. Both 1,1-dichloroethane and *cis*-1,2-dichloroethene had been detected at MW09R during prior monitoring events at similar concentrations (Attachment C).

In 1996, VOCs were detected and confirmed in monitoring well MW09. Waste Management then attributed the VOCs to landfill gas. These findings were reported and WM implemented assessment monitoring. Monitoring well MW09 was replaced by MW09R in November 1999. Replacement well MW09R was screened below the water table. A second investigation confirmed that landfill gas was the source of the impacts to groundwater. Well MW09R has been analyzed for over 200 Appendix II compounds (VOCs, semi volatiles, pesticides, herbicides, metals, and PCBs), with no other detections having been found since assessment monitoring began in 1997. Currently, WM continues to closely track and monitor groundwater conditions at Piedmont Landfill.

Attachment A

Summary of the Ground Water Data obtained during the Second Semi-Annual Monitoring Event in 2007

Table 1

Analytical Data Summary for 9/12/2007 to 10/07/2007

Constituents	Units	3406-LEACHATE	3406-MW01	3406-MW02	3406-MW03	3406-MW04	3406-MW04D	3406-MW05	3406-MW06	3406-MW07
1,1,1,2-tetrachloroethane	UG/L	<20.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	* <5.0000	<5.0000
1,1,1-trichloroethane	UG/L	<20.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
1,1,2,2-tetrachloroethane	UG/L	<12.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
1,1,2-trichloroethane	UG/L	<20.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
1,1-dichloroethane	UG/L	<20.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,1-dichloroethene	UG/L	<20.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,1-dichloropropene	UG/L									
1,2,3-trichloropropane	UG/L	<32.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
1,2,4,5-tetrachlorobenzene	UG/L									
1,2,4-trichlorobenzene	UG/L									
1,2-dibromo-3-chloropropane (dbcp)	UG/L	<52.0000	<13.0000	<13.0000	<13.0000	<13.0000	<13.0000	<13.0000	<13.0000	<13.0000
1,2-dibromoethane (edb)	UG/L	<12.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
1,2-dichlorobenzene	UG/L	<40.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,2-dichloroethane	UG/L	<12.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
1,2-dichloropropane	UG/L	<12.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
1,3,5-trinitrobenzene	UG/L									
1,3-dichlorobenzene	UG/L									
1,3-dichloropropane	UG/L									
1,3-dinitrobenzene	UG/L									
1,4-dichlorobenzene	UG/L	<12.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
1,4-naphthoquinone	UG/L									
1,4-phenylenediamine	UG/L									
1-naphthylamine	UG/L									
2,2'-oxybis[1-chloropropane]	UG/L									
2,2-dichloropropane	UG/L									
2,3,4,6-tetrachlorophenol	UG/L									
2,4,5-t	UG/L									
2,4,5-tp (silvex)	UG/L									
2,4,5-trichlorophenol	UG/L									
2,4,6-trichlorophenol	UG/L									
2,4-d	UG/L									
2,4-dichlorophenol	UG/L									
2,4-dimethylphenol	UG/L									
2,4-dinitrophenol	UG/L									
2,4-dinitrotoluene	UG/L									
2,6-dichlorophenol	UG/L									
2,6-dinitrotoluene	UG/L									
2-acetylaminofluorene	UG/L									
2-chloronaphthalene	UG/L									
2-chlorophenol	UG/L									
2-hexanone	UG/L	<200.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000
2-methylnaphthalene	UG/L									
2-methylphenol	UG/L									
2-naphthylamine	UG/L									
2-nitroaniline	UG/L									
2-nitrophenol	UG/L									
3,3'-dichlorobenzidine	UG/L									
3,3'-dimethylbenzidine	UG/L									
3-chloropropene	UG/L									
3-methylcholanthrene	UG/L									
3-nitroaniline	UG/L									
4,4'-ddd	UG/L									
4,4'-dde	UG/L									
4,4'-ddt	UG/L									

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 9/12/2007 to 10/07/2007

Constituents	3406-MW08	3406-MW09R	3406-MW10	3406-MW11	3406-MW11D	3406-MW12	3406-MW12D	3406-S01	3406-S02	3406-S03	3406-S04
1,1,1,2-tetrachloroethane	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,1,1-trichloroethane	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
1,1,2,2-tetrachloroethane	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
1,1,2-trichloroethane	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
1,1-dichloroethane	<5.0000	12.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,1-dichloroethene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,1-dichloropropene		<5.0000									
1,2,3-trichloropropane	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
1,2,4,5-tetrachlorobenzene		<9.3000									
1,2,4-trichlorobenzene		<9.3000									
1,2-dibromo-3-chloropropane (dbcp)	<13.0000	<13.0000	<13.0000	<13.0000	<13.0000	<13.0000	<13.0000	<13.0000	<13.0000	<13.0000	<13.0000
1,2-dibromoethane (edb)	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
1,2-dichlorobenzene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,2-dichloroethane	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
1,2-dichloropropane	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
1,3,5-trinitrobenzene		<9.3000									
1,3-dichlorobenzene		<5.0000									
1,3-dichloropropane		<1.0000									
1,3-dinitrobenzene		<19.0000									
1,4-dichlorobenzene	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
1,4-naphthoquinone		<9.3000									
1,4-phenylenediamine		<4.0000									
1-naphthylamine		<9.3000									
2,2'-oxybis[1-chloropropane]		<9.3000									
2,2-dichloropropane		<15.0000									
2,3,4,6-tetrachlorophenol		<9.3000									
2,4,5-t		<1.9000									
2,4,5-tp (silvex)		<1.9000									
2,4,5-trichlorophenol		<9.3000									
2,4,6-trichlorophenol		<9.3000									
2,4-d		<1.9000									
2,4-dichlorophenol		<9.3000									
2,4-dimethylphenol		<9.3000									
2,4-dinitrophenol		<46.0000									
2,4-dinitrotoluene		<9.3000									
2,6-dichlorophenol		<9.3000									
2,6-dinitrotoluene		<9.3000									
2-acetylaminofluorene		<19.0000									
2-chloronaphthalene		<9.3000									
2-chlorophenol		<9.3000									
2-hexanone	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000
2-methylnaphthalene		<9.3000									
2-methylphenol		<9.3000									
2-naphthylamine		<9.3000									
2-nitroaniline		<46.0000									
2-nitrophenol		<9.3000									
3,3'-dichlorobenzidine		<19.0000									
3,3'-dimethylbenzidine		<3.0000									
3-chloropropene		<10.0000									
3-methylcholanthrene		<9.3000									
3-nitroaniline		<46.0000									
4,4'-ddd		<.0930									
4,4'-dde		<.0930									
4,4'-ddt		<.0930									

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 9/12/2007 to 10/07/2007

Constituents	3406-S05
1,1,1,2-tetrachloroethane	<5.0000
1,1,1-trichloroethane	<1.0000
1,1,2,2-tetrachloroethane	<3.0000
1,1,2-trichloroethane	<1.0000
1,1-dichloroethane	<5.0000
1,1-dichloroethene	<5.0000
1,1-dichloropropene	
1,2,3-trichloropropane	<1.0000
1,2,4,5-tetrachlorobenzene	
1,2,4-trichlorobenzene	
1,2-dibromo-3-chloropropane (dbcp)	<13.0000
1,2-dibromoethane (edb)	<1.0000
1,2-dichlorobenzene	<5.0000
1,2-dichloroethane	<1.0000
1,2-dichloropropane	<1.0000
1,3,5-trinitrobenzene	
1,3-dichlorobenzene	
1,3-dichloropropane	
1,3-dinitrobenzene	
1,4-dichlorobenzene	<1.0000
1,4-naphthoquinone	
1,4-phenylenediamine	
1-naphthylamine	
2,2'-oxybis[1-chloropropane]	
2,2-dichloropropane	
2,3,4,6-tetrachlorophenol	
2,4,5-t	
2,4,5-tp (silvex)	
2,4,5-trichlorophenol	
2,4,6-trichlorophenol	
2,4-d	
2,4-dichlorophenol	
2,4-dimethylphenol	
2,4-dinitrophenol	
2,4-dinitrotoluene	
2,6-dichlorophenol	
2,6-dinitrotoluene	
2-acetylaminofluorene	
2-chloronaphthalene	
2-chlorophenol	
2-hexanone	<50.0000
2-methylnaphthalene	
2-methylphenol	
2-naphthylamine	
2-nitroaniline	
2-nitrophenol	
3,3'-dichlorobenzidine	
3,3'-dimethylbenzidine	
3-chloropropene	
3-methylcholanthrene	
3-nitroaniline	
4,4'-ddd	
4,4'-dde	
4,4'-ddt	

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 9/12/2007 to 10/07/2007

Constituents	Units	3406-LEACHATE	3406-MW01	3406-MW02	3406-MW03	3406-MW04	3406-MW04D	3406-MW05	3406-MW06	3406-MW07
4,6-dinitro-2-methylphenol	UG/L									
4-aminobiphenyl	UG/L									
4-bromophenyl phenyl ether	UG/L									
4-chloro-3-methylphenol	UG/L									
4-chloroaniline	UG/L									
4-chlorophenyl phenyl ether	UG/L									
4-methylphenol	UG/L									
4-nitroaniline	UG/L									
4-nitrophenol	UG/L									
5-nitro-o-toluidine	UG/L									
7,12-dimethylbenz(a)anthracene	UG/L									
Acenaphthene	UG/L									
Acenaphthylene	UG/L									
Acetone	UG/L	640.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Acetonitrile	UG/L									
Acetophenone	UG/L									
Acrolein	UG/L									
Acrylonitrile	UG/L	<800.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000
Aldrin	UG/L									
Alkalinity, bicarbonate (as caco3)	MG/L	2600.0000								
Alkalinity, carbonate (as caco3)	MG/L	<5.0000								
Alkalinity, total (as caco3)	MG/L	2600.0000	28.0000	59.0000	55.0000	33.0000	35.0000	140.0000	13.0000	42.0000
Alpha-bhc	UG/L									
Ammonia	MG/L	500.0000	<.0400	<.0400	<.0400	<.0400	<.0400	<.0400	<.0400	<.0400
Anthracene	UG/L									
Antimony, dissolved	UG/L									
Antimony, total	UG/L	5.6000	<6.0000	<6.0000	<6.0000	<6.0000	<6.0000	<6.0000	<6.0000	<6.0000
Aroclor 1016	UG/L									
Aroclor 1221	UG/L									
Aroclor 1232	UG/L									
Aroclor 1242	UG/L									
Aroclor 1248	UG/L									
Aroclor 1254	UG/L									
Aroclor 1260	UG/L									
Arsenic, dissolved	UG/L									
Arsenic, total	UG/L	34.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Barium, dissolved	UG/L									
Barium, total	UG/L	1000.0000	<100.0000	110.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Benzene	UG/L	<12.0000	<1.0000	1.1000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Benzo(a)anthracene	UG/L									
Benzo(a)pyrene	UG/L									
Benzo(b)fluoranthene	UG/L									
Benzo(ghi)perylene	UG/L									
Benzo(k)fluoranthene	UG/L									
Benzyl alcohol	UG/L									
Beryllium, dissolved	UG/L									
Beryllium, total	UG/L	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Beta-bhc	UG/L									
Biochemical oxygen demand	MG/L	73.0000								
Bis(2-chloroethoxy) methane	UG/L									
Bis(2-chloroethyl) ether	UG/L									
Bis(2-ethylhexyl) phthalate	UG/L									
Bromochloromethane	UG/L	<12.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Bromoform	UG/L	<12.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 9/12/2007 to 10/07/2007

Constituents	3406-MW08	3406-MW09R	3406-MW10	3406-MW11	3406-MW11D	3406-MW12	3406-MW12D	3406-S01	3406-S02	3406-S03	3406-S04
4,6-dinitro-2-methylphenol		<46.0000									
4-aminobiphenyl		<19.0000									
4-bromophenyl phenyl ether		<9.3000									
4-chloro-3-methylphenol		<19.0000									
4-chloroaniline		<19.0000									
4-chlorophenyl phenyl ether		<9.3000									
4-methylphenol		<9.3000									
4-nitroaniline		<19.0000									
4-nitrophenol		<46.0000									
5-nitro-o-toluidine		<9.3000									
7,12-dimethylbenz(a)anthracene		<9.3000									
Acenaphthene		<9.3000									
Acenaphthylene		<9.3000									
Acetone	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Acetonitrile		<55.0000									
Acetophenone		<9.3000									
Acrolein		<53.0000									
Acrylonitrile	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000
Aldrin		<.0470									
Alkalinity, bicarbonate (as caco3)		280.0000									
Alkalinity, carbonate (as caco3)		<5.0000									
Alkalinity, total (as caco3)	30.0000	280.0000	64.0000	79.0000	36.0000	47.0000	78.0000				
Alpha-bhc		<.0470									
Ammonia	.0520	.0730	<.0400	<.0400	<.0400	<.0400	<.0400				
Anthracene		<9.3000									
Antimony, dissolved	<6.0000					<6.0000					
Antimony, total	<6.0000	<6.0000	<6.0000	<6.0000	<6.0000	<6.0000	<6.0000	<6.0000	<6.0000	<6.0000	<6.0000
Aroclor 1016		<2.0000									
Aroclor 1221		<2.0000									
Aroclor 1232		<2.0000									
Aroclor 1242		<2.0000									
Aroclor 1248		<2.0000									
Aroclor 1254		<2.0000									
Aroclor 1260		<2.0000									
Arsenic, dissolved	<10.0000					<10.0000					
Arsenic, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Barium, dissolved	<100.0000					<100.0000					
Barium, total	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Benzene	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Benzo(a)anthracene		<9.3000									
Benzo(a)pyrene		<9.3000									
Benzo(b)fluoranthene		<9.3000									
Benzo(ghi)perylene		<9.3000									
Benzo(k)fluoranthene		<9.3000									
Benzyl alcohol		<19.0000									
Beryllium, dissolved	<1.0000					<1.0000					
Beryllium, total	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Beta-bhc		<.0470									
Biochemical oxygen demand											
Bis(2-chloroethoxy) methane		<9.3000									
Bis(2-chloroethyl) ether		<9.3000									
Bis(2-ethylhexyl) phthalate		<14.0000									
Bromochloromethane	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Bromoform	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 9/12/2007 to 10/07/2007

Constituents	3406-S05
4,6-dinitro-2-methylphenol	
4-aminobiphenyl	
4-bromophenyl phenyl ether	
4-chloro-3-methylphenol	
4-chloroaniline	
4-chlorophenyl phenyl ether	
4-methylphenol	
4-nitroaniline	
4-nitrophenol	
5-nitro-o-toluidine	
7,12-dimethylbenz(a)anthracene	
Acenaphthene	
Acenaphthylene	
Acetone	<100.0000
Acetonitrile	
Acetophenone	
Acrolein	
Acrylonitrile	<200.0000
Aldrin	
Alkalinity, bicarbonate (as caco3)	
Alkalinity, carbonate (as caco3)	
Alkalinity, total (as caco3)	
Alpha-bhc	
Ammonia	
Anthracene	
Antimony, dissolved	
Antimony, total	<6.0000
Aroclor 1016	
Aroclor 1221	
Aroclor 1232	
Aroclor 1242	
Aroclor 1248	
Aroclor 1254	
Aroclor 1260	
Arsenic, dissolved	
Arsenic, total	<10.0000
Barium, dissolved	
Barium, total	<100.0000
Benzene	<1.0000
Benzo(a)anthracene	
Benzo(a)pyrene	
Benzo(b)fluoranthene	
Benzo(ghi)perylene	
Benzo(k)fluoranthene	
Benzyl alcohol	
Beryllium, dissolved	
Beryllium, total	<1.0000
Beta-bhc	
Biochemical oxygen demand	
Bis(2-chloroethoxy) methane	
Bis(2-chloroethyl) ether	
Bis(2-ethylhexyl) phthalate	
Bromochloromethane	<3.0000
Bromoform	<3.0000

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 9/12/2007 to 10/07/2007

Constituents	Units	3406-LEACHATE	3406-MW01	3406-MW02	3406-MW03	3406-MW04	3406-MW04D	3406-MW05	3406-MW06	3406-MW07
Bromomethane	UG/L	<40.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Butyl benzyl phthalate	UG/L									
Cadmium, dissolved	UG/L									
Cadmium, total	UG/L	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Calcium, total recoverable	MG/L	160.0000								
Carbon disulfide	UG/L	<400.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Carbon tetrachloride	UG/L	<22.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Chemical oxygen demand	MG/L	580.0000								
Chlordane	UG/L									
Chloride	MG/L	1200.0000	3.7000	5.5000	6.8000	4.7000	2.5000	7.8000	3.0000	7.4000
Chlorobenzene	UG/L	<12.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Chlorobenzilate	UG/L									
Chloroethane	UG/L	<40.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Chloroform	UG/L	<20.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Chloromethane	UG/L	<22.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Chloroprene	UG/L									
Chromium, dissolved	UG/L									
Chromium, total	UG/L	51.0000	<10.0000	<10.0000	12.0000	<10.0000	10.0000	<10.0000	<10.0000	<10.0000
Chrysene	UG/L									
Cis-1,2-dichloroethene	UG/L	<20.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Cis-1,3-dichloropropene	UG/L	<22.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Cobalt, dissolved	UG/L									
Cobalt, total	UG/L	21.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Copper, dissolved	UG/L									
Copper, total	UG/L	150.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Cyanide, total	MG/L									
Delta-bhc	UG/L									
Di-n-butyl phthalate	UG/L									
Di-n-octyl phthalate	UG/L									
Diallate	UG/L									
Dibenz[a,h]anthracene	UG/L									
Dibenzofuran	UG/L									
Dibromochloromethane	UG/L	<12.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Dibromomethane	UG/L	<40.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Dichlorobromomethane	UG/L	<12.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Dichlorodifluoromethane	UG/L									
Dieldrin	UG/L									
Diethyl phthalate	UG/L									
Dimethoate	UG/L									
Dimethyl phthalate	UG/L									
Dinoseb	UG/L									
Diphenylamine	UG/L									
Disulfoton	UG/L									
Do (field)	MG/L	.1000	6.8000	2.7000	4.8000	2.1000	6.0000	1.6000	5.6000	5.2000
Eh/orp (field)	mV									
Endosulfan i	UG/L									
Endosulfan ii	UG/L									
Endosulfan sulfate	UG/L									
Endrin	UG/L									
Endrin aldehyde	UG/L									
Ethyl 4,4'-dichlorobenzilate	UG/L									
Ethyl methacrylate	UG/L									
Ethyl methane sulfonate	UG/L									
Ethyl parathion	UG/L									

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 9/12/2007 to 10/07/2007

Constituents	3406-MW08	3406-MW09R	3406-MW10	3406-MW11	3406-MW11D	3406-MW12	3406-MW12D	3406-S01	3406-S02	3406-S03	3406-S04
Bromomethane	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Butyl benzyl phthalate		<9.3000									
Cadmium, dissolved	<1.0000					<1.0000					
Cadmium, total	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Calcium, total recoverable		67.0000									
Carbon disulfide	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Carbon tetrachloride	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Chemical oxygen demand											
Chlordane		<.4700									
Chloride	8.9000	11.0000	4.0000	3.6000	1.9000	5.0000	2.5000				
Chlorobenzene	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Chlorobenzilate											
Chloroethane	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Chloroform	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Chloromethane	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Chloroprene		<20.0000									
Chromium, dissolved	<10.0000					<10.0000					
Chromium, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Chrysene		<9.3000									
Cis-1,2-dichloroethene	<5.0000	5.1000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Cis-1,3-dichloropropene	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Cobalt, dissolved	<10.0000					<10.0000					
Cobalt, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Copper, dissolved	<10.0000					<10.0000					
Copper, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Cyanide, total		<.0100									
Delta-bhc		<.0470									
Di-n-butyl phthalate		<9.3000									
Di-n-octyl phthalate		<9.3000									
Diallate		<9.3000									
Dibenz[a,h]anthracene		<9.3000									
Dibenzofuran		<9.3000									
Dibromochloromethane	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Dibromomethane	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Dichlorobromomethane	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Dichlorodifluoromethane		<5.0000									
Dieldrin		<.0700									
Diethyl phthalate		<9.3000									
Dimethoate		<19.0000									
Dimethyl phthalate		<9.3000									
Dinoseb		<.9300									
Diphenylamine		<9.3000									
Disulfoton		<9.3000									
Do (field)	1.2000	.7000	4.3000	2.4000	7.1000	1.5000	2.8000				
Eh/orp (field)		24.0000									
Endosulfan i		<.0930									
Endosulfan ii		<.0930									
Endosulfan sulfate		<.0930									
Endrin		<.0930									
Endrin aldehyde		<.0930									
Ethyl 4,4'-dichlorobenzilate		<9.3000									
Ethyl methacrylate		<10.0000									
Ethyl methane sulfonate		<19.0000									
Ethyl parathion		<9.3000									

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 9/12/2007 to 10/07/2007

Constituents	3406-S05
Bromomethane	<10.0000
Butyl benzyl phthalate	
Cadmium, dissolved	
Cadmium, total	<1.0000
Calcium, total recoverable	
Carbon disulfide	<100.0000
Carbon tetrachloride	<1.0000
Chemical oxygen demand	
Chlordane	
Chloride	
Chlorobenzene	<3.0000
Chlorobenzilate	
Chloroethane	<10.0000
Chloroform	<5.0000
Chloromethane	<1.0000
Chloroprene	
Chromium, dissolved	
Chromium, total	<10.0000
Chrysene	
Cis-1,2-dichloroethene	<5.0000
Cis-1,3-dichloropropene	<1.0000
Cobalt, dissolved	
Cobalt, total	<10.0000
Copper, dissolved	
Copper, total	<10.0000
Cyanide, total	
Delta-bhc	
Di-n-butyl phthalate	
Di-n-octyl phthalate	
Diallate	
Dibenz[a,h]anthracene	
Dibenzofuran	
Dibromochloromethane	<3.0000
Dibromomethane	<10.0000
Dichlorobromomethane	<1.0000
Dichlorodifluoromethane	
Dieldrin	
Diethyl phthalate	
Dimethoate	
Dimethyl phthalate	
Dinoseb	
Diphenylamine	
Disulfoton	
Do (field)	
Eh/orp (field)	
Endosulfan i	
Endosulfan ii	
Endosulfan sulfate	
Endrin	
Endrin aldehyde	
Ethyl 4,4'-dichlorobenzilate	
Ethyl methacrylate	
Ethyl methane sulfonate	
Ethyl parathion	

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 9/12/2007 to 10/07/2007

Constituents	Units	3406-LEACHATE	3406-MW01	3406-MW02	3406-MW03	3406-MW04	3406-MW04D	3406-MW05	3406-MW06	3406-MW07
Ethylbenzene	UG/L	<20.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Famphur	UG/L									
Fluoranthene	UG/L									
Fluorene	UG/L									
Gamma-bhc (lindane)	UG/L									
Heptachlor	UG/L									
Heptachlor epoxide	UG/L									
Hexachlorobenzene	UG/L									
Hexachlorobutadiene	UG/L									
Hexachlorocyclopentadiene	UG/L									
Hexachloroethane	UG/L									
Hexachloropropene	UG/L									
Indeno(1,2,3-cd)pyrene	UG/L									
Iodomethane	UG/L	<40.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Iron, total recoverable	UG/L	15000.0000								
Isobutanol	UG/L									
Isodrin	UG/L									
Isophorone	UG/L									
Isosafrole	UG/L									
Kepone	UG/L									
Lead, dissolved	UG/L									
Lead, total	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Magnesium, total recoverable	MG/L	95.0000								
Manganese, total recoverable	UG/L	1900.0000								
Mercury, total	UG/L	<.2000								
Methacrylonitrile	UG/L									
Methapyrilene	UG/L									
Methoxychlor	UG/L									
Methyl ethyl ketone	UG/L	<400.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Methyl isobutyl ketone	UG/L	<400.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Methyl methacrylate	UG/L									
Methyl methanesulfonate	UG/L									
Methyl parathion	UG/L									
Methylene chloride	UG/L	<22.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
N-nitroso-di-n-propylamine	UG/L									
N-nitrosodi-n-butylamine	UG/L									
N-nitrosodiethylamine	UG/L									
N-nitrosodimethylamine	UG/L									
N-nitrosodiphenylamine	UG/L									
N-nitrosomethylethylamine	UG/L									
N-nitrosopiperidine	UG/L									
N-nitrosopyrrolidine	UG/L									
Naphthalene	UG/L									
Nickel, dissolved	UG/L									
Nickel, total	UG/L	160.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000
Nitrobenzene	UG/L									
Nitrogen, nitrate	MG/L	<.5000								
O,o,o-triethyl phosphorothioate	UG/L									
O-toluidine	UG/L									
P-(dimethylamino)azobenzene	UG/L									
Pentachlorobenzene	UG/L									
Pentachloronitrobenzene	UG/L									
Pentachlorophenol	UG/L									
pH FIELD	PH UNITS	7.1100	5.4000	5.0800	5.2200	4.7600	5.7700	5.6300	4.6700	5.3800

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 9/12/2007 to 10/07/2007

Constituents	3406-MW08	3406-MW09R	3406-MW10	3406-MW11	3406-MW11D	3406-MW12	3406-MW12D	3406-S01	3406-S02	3406-S03	3406-S04
Ethylbenzene	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Famphur		<19.0000									
Fluoranthene		<9.3000									
Fluorene		<9.3000									
Gamma-bhc (lindane)		<.0470									
Heptachlor		<.0470									
Heptachlor epoxide		<.0700									
Hexachlorobenzene		<9.3000									
Hexachlorobutadiene		<9.3000									
Hexachlorocyclopentadiene		<2.0000									
Hexachloroethane		<9.3000									
Hexachloropropene		<1.1000									
Indeno(1,2,3-cd)pyrene		<9.3000									
Iodomethane	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Iron, total recoverable		1000.0000									
Isobutanol		<100.0000									
Isodrin		<19.0000									
Isophorone		<9.3000									
Isosafrole		<9.3000									
Kepone		<19.0000									
Lead, dissolved	<10.0000					<10.0000					
Lead, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Magnesium, total recoverable		26.0000									
Manganese, total recoverable		2200.0000									
Mercury, total		<.2000									
Methacrylonitrile		<100.0000									
Methapyrilene		<93.0000									
Methoxychlor		<.9300									
Methyl ethyl ketone	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Methyl isobutyl ketone	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Methyl methacrylate		<30.0000									
Methyl methanesulfonate		<9.3000									
Methyl parathion		<9.3000									
Methylene chloride	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
N-nitroso-di-n-propylamine		<9.3000									
N-nitrosodi-n-butylamine		<9.3000									
N-nitrosodiethylamine		<19.0000									
N-nitrosodimethylamine		<9.3000									
N-nitrosodiphenylamine		<9.3000									
N-nitrosomethylethylamine		<9.3000									
N-nitrosopiperidine		<19.0000									
N-nitrosopyrrolidine		<9.3000									
Naphthalene		<9.3000									
Nickel, dissolved	<50.0000					<50.0000					
Nickel, total	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000
Nitrobenzene		<9.3000									
Nitrogen, nitrate		<.5000									
O,o,o-triethyl phosphorothioate		<9.3000									
O-toluidine		<9.3000									
P-(dimethylamino)azobenzene		<9.3000									
Pentachlorobenzene		<9.3000									
Pentachloronitrobenzene		<19.0000									
Pentachlorophenol		<23.0000									
pH FIELD	4.9800	5.6300	5.2200	5.0100	6.0000	6.1200	6.2500				

* - The displayed value is the arithmetic mean of multiple database matches.

Prepared by: Otter Creek Environmental

Table 1

Analytical Data Summary for 9/12/2007 to 10/07/2007

Constituents	3406-S05
Ethylbenzene	<1.0000
Famphur	
Fluoranthene	
Fluorene	
Gamma-bhc (lindane)	
Heptachlor	
Heptachlor epoxide	
Hexachlorobenzene	
Hexachlorobutadiene	
Hexachlorocyclopentadiene	
Hexachloroethane	
Hexachloropropene	
Indeno(1,2,3-cd)pyrene	
Iodomethane	<10.0000
Iron, total recoverable	
Isobutanol	
Isodrin	
Isophorone	
Isosafrole	
Kepone	
Lead, dissolved	
Lead, total	<10.0000
Magnesium, total recoverable	
Manganese, total recoverable	
Mercury, total	
Methacrylonitrile	
Methapyrilene	
Methoxychlor	
Methyl ethyl ketone	<100.0000
Methyl isobutyl ketone	<100.0000
Methyl methacrylate	
Methyl methanesulfonate	
Methyl parathion	
Methylene chloride	<1.0000
N-nitroso-di-n-propylamine	
N-nitrosodi-n-butylamine	
N-nitrosodiethylamine	
N-nitrosodimethylamine	
N-nitrosodiphenylamine	
N-nitrosomethylethylamine	
N-nitrosopiperidine	
N-nitrosopyrrolidine	
Naphthalene	
Nickel, dissolved	
Nickel, total	<50.0000
Nitrobenzene	
Nitrogen, nitrate	
O,o,o-triethyl phosphorothioate	
O-toluidine	
P-(dimethylamino)azobenzene	
Pentachlorobenzene	
Pentachloronitrobenzene	
Pentachlorophenol	
pH FIELD	

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 9/12/2007 to 10/07/2007

Constituents	Units	3406-LEACHATE	3406-MW01	3406-MW02	3406-MW03	3406-MW04	3406-MW04D	3406-MW05	3406-MW06	3406-MW07
Phenacetin	UG/L									
Phenanthrene	UG/L									
Phenol	UG/L									
Phorate	UG/L									
Phosphorous, total	MG/L	.1900								
Potassium, total	MG/L	250.0000								
Pronamide	UG/L									
Propionitrile	UG/L									
Pyrene	UG/L									
Safrole	UG/L									
Selenium, dissolved	UG/L									
Selenium, total	UG/L	<15.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Silver, dissolved	UG/L									
Silver, total	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Sodium, total	MG/L	940.0000								
Specific conductance field	UMHOS/CM	8790.0000	86.0000	133.0000	153.0000	79.0000	88.0000	304.0000	38.0000	143.0000
Styrene	UG/L	<40.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Sulfate	MG/L	210.0000								
Sulfide	MG/L									
Tetrachloroethene	UG/L	<12.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Thallium, dissolved	UG/L									
Thallium, total	UG/L	<1.0000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000
Thionazin	UG/L									
Tin, total recoverable	UG/L									
Toluene	UG/L	<20.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Total dissolved solids	MG/L	4000.0000	59.0000	100.0000	120.0000	92.0000	120.0000	200.0000	38.0000	130.0000
Total organic carbon	MG/L	200.0000								
Total xylenes	UG/L	23.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Toxaphene	UG/L									
Trans-1,2-dichloroethene	UG/L	<20.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Trans-1,3-dichloropropene	UG/L	<22.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Trans-1,4-dichloro-2-butene	UG/L	<400.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Trichloroethene	UG/L	<12.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Trichlorofluoromethane	UG/L	<20.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Turbidity	NTU	28.2000	3.4500*	.3150*	3.4000*	.8750*	44.2000*	10.6500*	1.9500*	3.9500*
Vanadium, dissolved	UG/L									
Vanadium, total	UG/L	29.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000
Vinyl acetate	UG/L	<200.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000
Vinyl chloride	UG/L	<22.0000	<1.0000	1.3000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Water temperature in deg. celsius field	DEGREES C	28.3000	18.2000	15.1000	15.1000	16.2000	21.7000	17.2000	18.1000	15.3000
Zinc, dissolved	UG/L									
Zinc, total	UG/L	260.0000	<10.0000	15.0000	<10.0000	<10.0000	43.0000	<10.0000	<10.0000	<10.0000

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 9/12/2007 to 10/07/2007

Constituents	3406-MW08	3406-MW09R	3406-MW10	3406-MW11	3406-MW11D	3406-MW12	3406-MW12D	3406-S01	3406-S02	3406-S03	3406-S04
Phenacetin		<19.0000									
Phenanthrene		<9.3000									
Phenol		<9.3000									
Phorate		<9.3000									
Phosphorous, total											
Potassium, total		3.0000									
Pronamide		<9.3000									
Propionitrile		<150.0000									
Pyrene		<9.3000									
Safrole		<9.3000									
Selenium, dissolved	<10.0000					<10.0000					
Selenium, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Silver, dissolved	<10.0000					<10.0000					
Silver, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Sodium, total		19.0000									
Specific conductance field	148.0000	536.0000	137.0000	164.0000	79.0000	144.0000	226.0000				
Styrene	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Sulfate		<5.0000									
Sulfide		<1.0000									
Tetrachloroethene	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Thallium, dissolved	<5.5000					<5.5000					
Thallium, total	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000
Thionazin		<19.0000									
Tin, total recoverable		<100.0000									
Toluene	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Total dissolved solids	88.0000	340.0000	100.0000	99.0000	83.0000	110.0000	160.0000				
Total organic carbon		<1.0000									
Total xylenes	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Toxaphene		<1.4000									
Trans-1,2-dichloroethene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Trans-1,3-dichloropropene	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Trans-1,4-dichloro-2-butene	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Trichloroethene	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Trichlorofluoromethane	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Turbidity	14.6000*	.2000	2.1000*	4.6000*	2.9500*	73.1500*	9.4000*				
Vanadium, dissolved	<25.0000					<25.0000					
Vanadium, total	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000
Vinyl acetate	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000
Vinyl chloride	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Water temperature in deg. celsius field	17.2000	16.3000	16.1000	16.5000	19.3000	16.3000	17.3000				
Zinc, dissolved	<10.0000					<10.0000					
Zinc, total	<10.0000	13.0000	<10.0000	13.0000	<10.0000	29.0000	12.0000	11.0000	<10.0000	<10.0000	<10.0000

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 9/12/2007 to 10/07/2007

Constituents	3406-S05
Phenacetin	
Phenanthrene	
Phenol	
Phorate	
Phosphorous, total	
Potassium, total	
Pronamide	
Propionitrile	
Pyrene	
Safrole	
Selenium, dissolved	
Selenium, total	<10.0000
Silver, dissolved	
Silver, total	<10.0000
Sodium, total	
Specific conductance field	
Styrene	<1.0000
Sulfate	
Sulfide	
Tetrachloroethene	<1.0000
Thallium, dissolved	
Thallium, total	<5.5000
Thionazin	
Tin, total recoverable	
Toluene	<1.0000
Total dissolved solids	
Total organic carbon	
Total xylenes	<5.0000
Toxaphene	
Trans-1,2-dichloroethene	<5.0000
Trans-1,3-dichloropropene	<1.0000
Trans-1,4-dichloro-2-butene	<100.0000
Trichloroethene	<1.0000
Trichlorofluoromethane	<1.0000
Turbidity	
Vanadium, dissolved	
Vanadium, total	<25.0000
Vinyl acetate	<50.0000
Vinyl chloride	<1.0000
Water temperature in deg. celsius field	
Zinc, dissolved	
Zinc, total	<10.0000

* - The displayed value is the arithmetic mean of multiple database matches.

Attachment B

Summary Table and Graphs for the Intrawell Comparisons

Table 1

Summary Statistics and Intermediate Computations for Combined Shewhart-Cusum Control Charts

Constituent	Units	Well	N	Mean	SD	S(I-1)	S(I)	Limit
Antimony, total	UG/L	3406-MW01	26					81.8000**
Arsenic, total	UG/L	3406-MW01	31					10.0000**
Barium, total	UG/L	3406-MW01	31	215.5516	214.9981	215.5516	215.5516	1290.5421
Beryllium, total	UG/L	3406-MW01	23					2.0000**
Cadmium, total	UG/L	3406-MW01	34					2.0000**
Chromium, total	UG/L	3406-MW01	31					10.0000**
Cobalt, total	UG/L	3406-MW01	23					10.0000**
Copper, total	UG/L	3406-MW01	31					200.0000**
Lead, total	UG/L	3406-MW01	31					10.0000**
Nickel, total	UG/L	3406-MW01	23					50.0000**
Selenium, total	UG/L	3406-MW01	31					20.0000**
Silver, total	UG/L	3406-MW01	31					10.0000**
Thallium, total	UG/L	3406-MW01	23					10.0000**
Vanadium, total	UG/L	3406-MW01	23					40.0000**
Zinc, total	UG/L	3406-MW01	31					65.4000**
Antimony, total	UG/L	3406-MW02	25					52.8000**
Arsenic, total	UG/L	3406-MW02	30					10.1000**
Barium, total	UG/L	3406-MW02	30	182.7833	228.1893	182.7833	182.7833	1323.7296
Beryllium, total	UG/L	3406-MW02	22					2.0000**
Cadmium, total	UG/L	3406-MW02	33					2.1000**
Chromium, total	UG/L	3406-MW02	30					10.0000**
Cobalt, total	UG/L	3406-MW02	22					10.0000**
Copper, total	UG/L	3406-MW02	30					200.0000**
Lead, total	UG/L	3406-MW02	30					10.0000**
Nickel, total	UG/L	3406-MW02	22					50.0000**
Selenium, total	UG/L	3406-MW02	30					20.0000**
Silver, total	UG/L	3406-MW02	30					10.0000**
Thallium, total	UG/L	3406-MW02	22					10.0000**
Vanadium, total	UG/L	3406-MW02	22					40.0000**
Zinc, total	UG/L	3406-MW02	30					50.0000**
Antimony, total	UG/L	3406-MW03	25					30.0000**
Arsenic, total	UG/L	3406-MW03	30					10.0000**
Barium, total	UG/L	3406-MW03	30	174.7767	233.9172	174.7767	174.7767	1344.3627
Beryllium, total	UG/L	3406-MW03	22					2.0000**
Cadmium, total	UG/L	3406-MW03	33					2.3000**
Chromium, total	UG/L	3406-MW03	30	8.4100	2.2594	9.3054	11.2008	19.7072
Cobalt, total	UG/L	3406-MW03	23					10.0000**
Copper, total	UG/L	3406-MW03	31					200.0000**
Lead, total	UG/L	3406-MW03	30					10.0000**
Nickel, total	UG/L	3406-MW03	22					50.0000**
Selenium, total	UG/L	3406-MW03	30					20.0000**
Silver, total	UG/L	3406-MW03	30					10.0000**
Thallium, total	UG/L	3406-MW03	22					10.0000**
Vanadium, total	UG/L	3406-MW03	23	30.4913	13.6266	30.4913	30.4913	98.6245
Zinc, total	UG/L	3406-MW03	30					50.0000**
Antimony, total	UG/L	3406-MW04	25					85.8000**
Arsenic, total	UG/L	3406-MW04	30					10.0000**
Barium, total	UG/L	3406-MW04	30	186.7433	225.3021	186.7433	186.7433	1313.2538
Beryllium, total	UG/L	3406-MW04	22					2.0000**
Cadmium, total	UG/L	3406-MW04	33					1.8000**
Chromium, total	UG/L	3406-MW04	30					10.0000**
Cobalt, total	UG/L	3406-MW04	22					10.0000**
Copper, total	UG/L	3406-MW04	30					200.0000**
Lead, total	UG/L	3406-MW04	30					10.0000**
Nickel, total	UG/L	3406-MW04	22					50.0000**
Selenium, total	UG/L	3406-MW04	30					20.0000**
Silver, total	UG/L	3406-MW04	30					10.0000**
Thallium, total	UG/L	3406-MW04	22					10.0000**
Vanadium, total	UG/L	3406-MW04	22					40.0000**
Zinc, total	UG/L	3406-MW04	30					50.0000**
Antimony, total	UG/L	3406-MW04D	20					30.0000**
Arsenic, total	UG/L	3406-MW04D	20					10.0000**
Barium, total	UG/L	3406-MW04D	20	296.3000	217.8815	296.3000	296.3000	1385.7074
Beryllium, total	UG/L	3406-MW04D	18					2.0000**
Cadmium, total	UG/L	3406-MW04D	20	1.0235	0.3111	1.0235	1.0235	2.5791
Chromium, total	UG/L	3406-MW04D	20	9.0950	3.8035	9.0950	9.0950	28.1126
Cobalt, total	UG/L	3406-MW04D	20					26.0000**
Copper, total	UG/L	3406-MW04D	20					200.0000**
Lead, total	UG/L	3406-MW04D	19	9.1053	2.0671	9.1053	9.1053	19.4406
Nickel, total	UG/L	3406-MW04D	20					50.0000**
Selenium, total	UG/L	3406-MW04D	20					20.0000**
Silver, total	UG/L	3406-MW04D	20					10.0000**
Thallium, total	UG/L	3406-MW04D	20					10.0000**

* - Insufficient Data
** - Detection Frequency < 25%
*** - Zero Variance

Table 1

Summary Statistics and Intermediate Computations for Combined Shewhart-Cusum Control Charts

Constituent	Units	Well	N	Mean	SD	S(i-1)	S(i)	Limit
Vanadium, total	UG/L	3406-MW04D	20	37.2450	23.1524	37.2450	37.2450	153.0069
Zinc, total	UG/L	3406-MW04D	22	54.3182	33.9333	54.3182	54.3182	223.9848
Antimony, total	UG/L	3406-MW05	25					88.9000**
Arsenic, total	UG/L	3406-MW05	30					11.9000**
Barium, total	UG/L	3406-MW05	30	177.8300	231.7097	177.8300	177.8300	1336.3783
Beryllium, total	UG/L	3406-MW05	22					2.0000**
Cadmium, total	UG/L	3406-MW05	33					1.0000**
Chromium, total	UG/L	3406-MW05	30	8.3400	2.4960	8.3400	8.3400	20.8201
Cobalt, total	UG/L	3406-MW05	22					10.0000**
Copper, total	UG/L	3406-MW05	30					200.0000**
Lead, total	UG/L	3406-MW05	30					10.0000**
Nickel, total	UG/L	3406-MW05	22					50.0000**
Selenium, total	UG/L	3406-MW05	30					20.0000**
Silver, total	UG/L	3406-MW05	30					10.0000**
Thallium, total	UG/L	3406-MW05	22					10.0000**
Vanadium, total	UG/L	3406-MW05	22	28.9864	15.1290	28.9864	28.9864	104.6314
Zinc, total	UG/L	3406-MW05	30					110.0000**
Antimony, total	UG/L	3406-MW06	25					94.9000**
Arsenic, total	UG/L	3406-MW06	22					10.0000**
Barium, total	UG/L	3406-MW06	22	248.0545	235.4961	248.0545	248.0545	1425.5351
Beryllium, total	UG/L	3406-MW06	22					2.6000**
Cadmium, total	UG/L	3406-MW06	25					1.0000**
Chromium, total	UG/L	3406-MW06	22					10.0000**
Cobalt, total	UG/L	3406-MW06	22					10.0000**
Copper, total	UG/L	3406-MW06	22					200.0000**
Lead, total	UG/L	3406-MW06	22					10.0000**
Nickel, total	UG/L	3406-MW06	22					50.0000**
Selenium, total	UG/L	3406-MW06	22					20.0000**
Silver, total	UG/L	3406-MW06	22					10.0000**
Thallium, total	UG/L	3406-MW06	22					10.0000**
Vanadium, total	UG/L	3406-MW06	22					45.6000**
Zinc, total	UG/L	3406-MW06	21					50.0000**
Antimony, total	UG/L	3406-MW07	21					30.0000**
Arsenic, total	UG/L	3406-MW07	21					10.6000**
Barium, total	UG/L	3406-MW07	21	242.9190	251.2059	242.9190	242.9190	1498.9487
Beryllium, total	UG/L	3406-MW07	21					2.0000**
Cadmium, total	UG/L	3406-MW07	21					1.0000**
Chromium, total	UG/L	3406-MW07	21	7.2143	3.6356	7.2143	7.2143	25.3921
Cobalt, total	UG/L	3406-MW07	21					10.0000**
Copper, total	UG/L	3406-MW07	21	139.9476	87.2926	139.9476	139.9476	576.4108
Lead, total	UG/L	3406-MW07	21					10.0000**
Nickel, total	UG/L	3406-MW07	21					50.0000**
Selenium, total	UG/L	3406-MW07	21					20.0000**
Silver, total	UG/L	3406-MW07	21					13.6000**
Thallium, total	UG/L	3406-MW07	21					10.0000**
Vanadium, total	UG/L	3406-MW07	21	31.4238	14.4314	31.4238	31.4238	103.5809
Zinc, total	UG/L	3406-MW07	21	38.7857	17.0759	38.7857	38.7857	124.1653
Antimony, total	UG/L	3406-MW08	22					30.0000**
Arsenic, total	UG/L	3406-MW08	22	8.6273	3.0446	8.6273	8.6273	23.8504
Barium, total	UG/L	3406-MW08	21	299.5667	201.0035	299.5667	299.5667	1304.5844
Beryllium, total	UG/L	3406-MW08	21					2.0000**
Cadmium, total	UG/L	3406-MW08	22					1.3000**
Chromium, total	UG/L	3406-MW08	19					11.5000**
Cobalt, total	UG/L	3406-MW08	25	12.8400	4.2019	12.8400	12.8400	33.8494
Copper, total	UG/L	3406-MW08	21					200.0000**
Lead, total	UG/L	3406-MW08	20	7.6950	3.4081	7.6950	7.6950	24.7356
Nickel, total	UG/L	3406-MW08	21					50.0000**
Selenium, total	UG/L	3406-MW08	21					20.0000**
Silver, total	UG/L	3406-MW08	21					11.6000**
Thallium, total	UG/L	3406-MW08	22					10.0000**
Vanadium, total	UG/L	3406-MW08	22					40.0000**
Zinc, total	UG/L	3406-MW08	21	43.4143	15.7794	43.4143	43.4143	122.3113
Antimony, total	UG/L	3406-MW09R	20					30.0000**
Arsenic, total	UG/L	3406-MW09R	20					10.0000**
Barium, total	UG/L	3406-MW09R	20	289.2200	239.7893	289.2200	289.2200	1488.1666
Beryllium, total	UG/L	3406-MW09R	20					2.0000**
Cadmium, total	UG/L	3406-MW09R	20					1.0000**
Chromium, total	UG/L	3406-MW09R	18					14.7000**
Cobalt, total	UG/L	3406-MW09R	24	10.8792	2.4744	10.8792	10.8792	23.2511
Copper, total	UG/L	3406-MW09R	20	147.0050	81.3977	147.0050	147.0050	553.9935
Lead, total	UG/L	3406-MW09R	20					10.0000**
Nickel, total	UG/L	3406-MW09R	20					50.0000**
Selenium, total	UG/L	3406-MW09R	20					20.0000**

* - Insufficient Data
** - Detection Frequency < 25%
*** - Zero Variance

Table 1

Summary Statistics and Intermediate Computations for Combined Shewhart-Cusum Control Charts

Constituent	Units	Well	N	Mean	SD	S(i-1)	S(i)	Limit
Silver, total	UG/L	3406-MW09R	20					10.0000**
Thallium, total	UG/L	3406-MW09R	20					10.0000**
Vanadium, total	UG/L	3406-MW09R	21					106.0000**
Zinc, total	UG/L	3406-MW09R	20					87.9000**
Antimony, total	UG/L	3406-MW10	20					30.0000**
Arsenic, total	UG/L	3406-MW10	20					10.0000**
Barium, total	UG/L	3406-MW10	20	255.7050	250.6888	255.7050	255.7050	1509.1491
Beryllium, total	UG/L	3406-MW10	20					2.0000**
Cadmium, total	UG/L	3406-MW10	20					1.0000**
Chromium, total	UG/L	3406-MW10	22	9.1955	4.7876	9.1955	9.1955	33.1336
Cobalt, total	UG/L	3406-MW10	20					13.3000**
Copper, total	UG/L	3406-MW10	20					200.0000**
Lead, total	UG/L	3406-MW10	20	7.8500	3.5033	7.8500	7.8500	25.3665
Nickel, total	UG/L	3406-MW10	20					50.0000**
Selenium, total	UG/L	3406-MW10	20					20.0000**
Silver, total	UG/L	3406-MW10	20					10.0000**
Thallium, total	UG/L	3406-MW10	20					10.0000**
Vanadium, total	UG/L	3406-MW10	20	31.7850	14.4082	31.7850	31.7850	103.8258
Zinc, total	UG/L	3406-MW10	20	41.4400	13.8997	41.4400	41.4400	110.9385
Antimony, total	UG/L	3406-MW11	20					30.0000**
Arsenic, total	UG/L	3406-MW11	20					10.0000**
Barium, total	UG/L	3406-MW11	20	294.0350	233.9144	294.0350	294.0350	1463.6069
Beryllium, total	UG/L	3406-MW11	20					2.0000**
Cadmium, total	UG/L	3406-MW11	20					1.0000**
Chromium, total	UG/L	3406-MW11	20					10.0000**
Cobalt, total	UG/L	3406-MW11	20					10.0000**
Copper, total	UG/L	3406-MW11	20					200.0000**
Lead, total	UG/L	3406-MW11	20					10.0000**
Nickel, total	UG/L	3406-MW11	20					50.0000**
Selenium, total	UG/L	3406-MW11	20					20.0000**
Silver, total	UG/L	3406-MW11	20					10.0000**
Thallium, total	UG/L	3406-MW11	20					10.0000**
Vanadium, total	UG/L	3406-MW11	20	31.3350	15.4182	31.3350	31.3350	108.4261
Zinc, total	UG/L	3406-MW11	20	39.0450	17.3256	39.0450	39.0450	125.6730
Antimony, total	UG/L	3406-MW11D	20					30.0000**
Arsenic, total	UG/L	3406-MW11D	20					10.0000**
Barium, total	UG/L	3406-MW11D	20	328.5500	199.6097	328.5500	328.5500	1326.5986
Beryllium, total	UG/L	3406-MW11D	20	1.7000	0.6366	1.7000	1.7000	4.8830
Cadmium, total	UG/L	3406-MW11D	20	0.9545	0.2302	0.9545	0.9545	2.1056
Chromium, total	UG/L	3406-MW11D	22	15.0500	13.6724	15.0500	15.0500	83.4119
Cobalt, total	UG/L	3406-MW11D	20	13.5150	9.7993	13.5150	13.5150	62.5116
Copper, total	UG/L	3406-MW11D	21	165.6619	71.1526	165.6619	165.6619	521.4249
Lead, total	UG/L	3406-MW11D	20	8.5650	3.1905	8.5650	8.5650	24.5175
Nickel, total	UG/L	3406-MW11D	20	43.6100	12.3400	43.6100	43.6100	105.3102
Selenium, total	UG/L	3406-MW11D	20					20.0000**
Silver, total	UG/L	3406-MW11D	20					10.0000**
Thallium, total	UG/L	3406-MW11D	20					10.0000**
Vanadium, total	UG/L	3406-MW11D	21	55.0857	33.4577	55.0857	55.0857	222.3740
Zinc, total	UG/L	3406-MW11D	21	62.9714	35.3700	62.9714	62.9714	239.8214
Antimony, total	UG/L	3406-MW12	20					30.0000**
Arsenic, total	UG/L	3406-MW12	20					10.0000**
Barium, total	UG/L	3406-MW12	20	263.3300	243.3353	263.3300	263.3300	1480.0067
Beryllium, total	UG/L	3406-MW12	20					2.0000**
Cadmium, total	UG/L	3406-MW12	20					1.0000**
Chromium, total	UG/L	3406-MW12	20					10.7000**
Cobalt, total	UG/L	3406-MW12	20					11.0000**
Copper, total	UG/L	3406-MW12	20					200.0000**
Lead, total	UG/L	3406-MW12	21					21.0000**
Nickel, total	UG/L	3406-MW12	20					50.0000**
Selenium, total	UG/L	3406-MW12	20	15.8850	7.4320	15.8850	15.8850	53.0448
Silver, total	UG/L	3406-MW12	20					10.0000**
Thallium, total	UG/L	3406-MW12	20					10.0000**
Vanadium, total	UG/L	3406-MW12	20					40.0000**
Zinc, total	UG/L	3406-MW12	17					130.0000**
Antimony, total	UG/L	3406-MW12D	20					30.0000**
Arsenic, total	UG/L	3406-MW12D	20	8.1200	3.5134	8.1200	8.1200	25.6869
Barium, total	UG/L	3406-MW12D	21	319.9905	207.0330	319.9905	319.9905	1355.1556
Beryllium, total	UG/L	3406-MW12D	20	1.9150	0.4475	1.9150	1.9150	4.1527
Cadmium, total	UG/L	3406-MW12D	20					1.0000**
Chromium, total	UG/L	3406-MW12D	21	54.5952	80.1433	54.5952	54.5952	455.3115
Cobalt, total	UG/L	3406-MW12D	21	21.9619	25.7529	21.9619	21.9619	150.7262
Copper, total	UG/L	3406-MW12D	19	177.8474	49.1114	177.8474	177.8474	423.4045
Lead, total	UG/L	3406-MW12D	18	12.0111	4.4237	12.0111	12.0111	34.1297

* - Insufficient Data
** - Detection Frequency < 25%
*** - Zero Variance

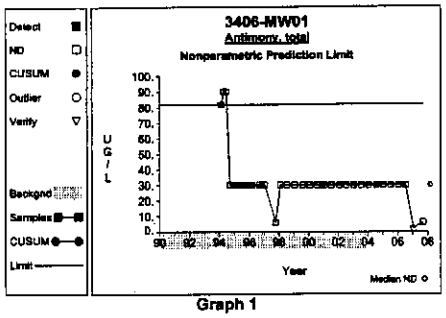
Table 1

Summary Statistics and Intermediate Computations for Combined Shewhart-Cusum Control Charts

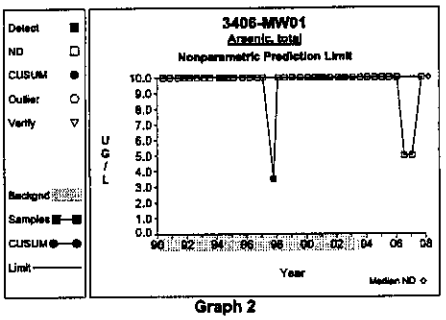
Constituent	Units	Well	N	Mean	SD	S(i-1)	S(i)	Limit
Nickel, total	UG/L	3406-MW12D	21					108.0000**
Selenium, total	UG/L	3406-MW12D	20					20.0000**
Silver, total	UG/L	3406-MW12D	20					10.0000**
Thallium, total	UG/L	3406-MW12D	20					10.0000**
Vanadium, total	UG/L	3406-MW12D	21	87.3857	100.2112	87.3857	87.3857	588.4417
Zinc, total	UG/L	3406-MW12D	21	113.7952	139.2305	113.7952	113.7952	809.9477

* - Insufficient Data
** - Detection Frequency < 25%
*** - Zero Variance

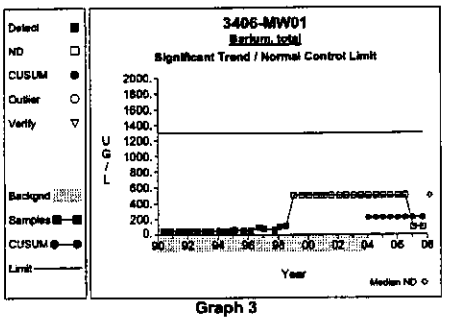
Intra-Well Control Charts



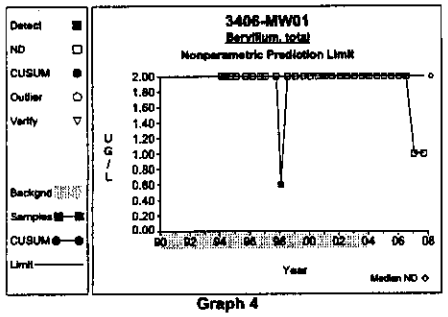
Graph 1



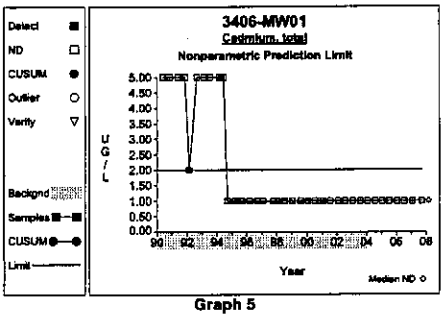
Graph 2



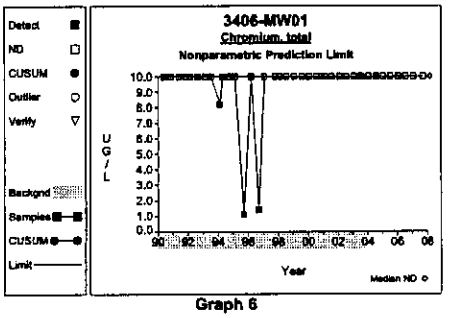
Graph 3



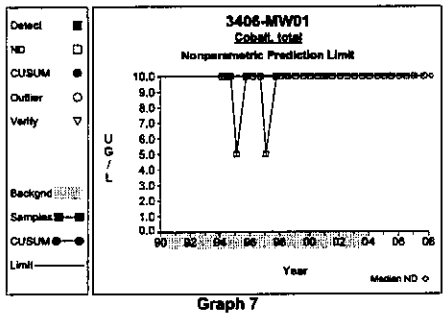
Graph 4



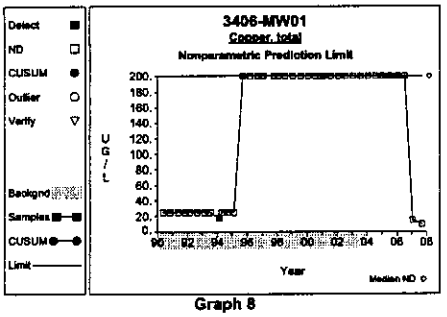
Graph 5



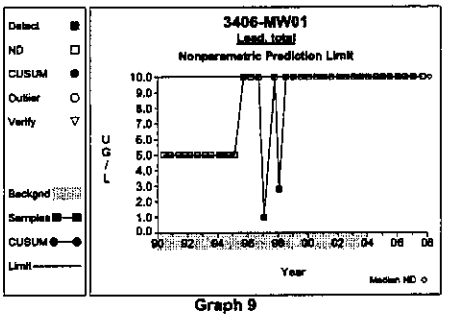
Graph 6



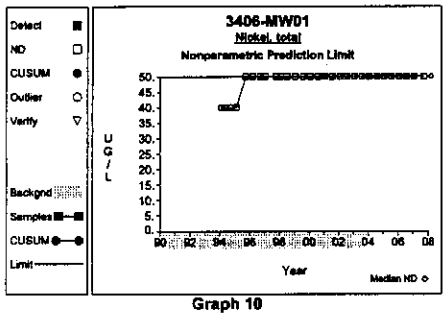
Graph 7



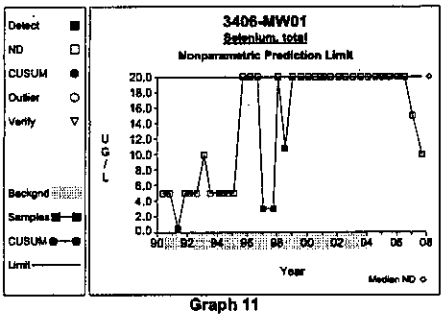
Graph 8



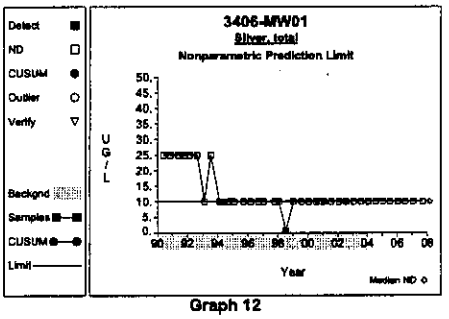
Graph 9



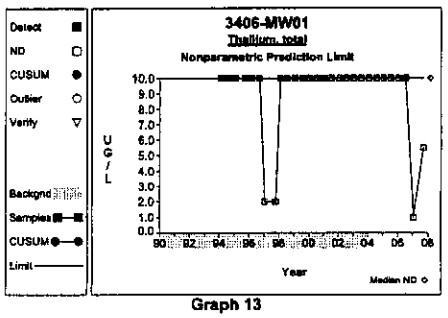
Graph 10



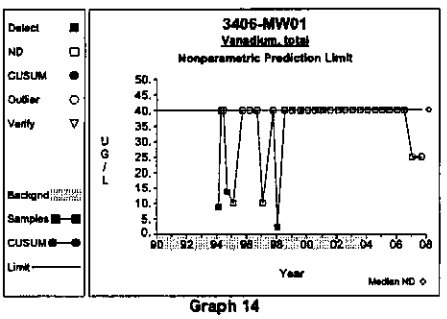
Graph 11



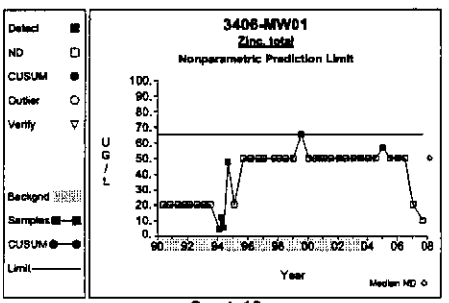
Graph 12



Graph 13

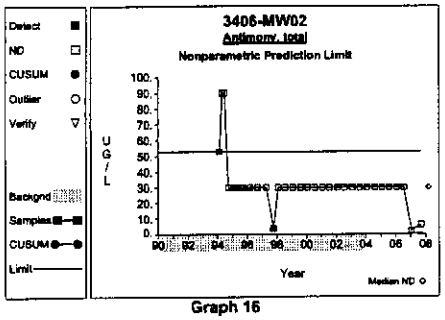


Graph 14

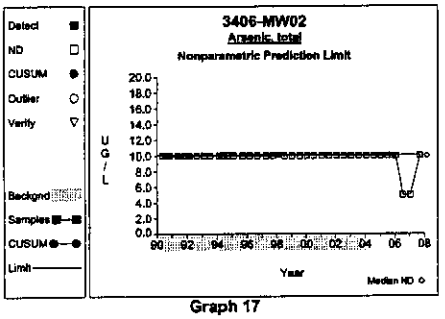


Graph 15

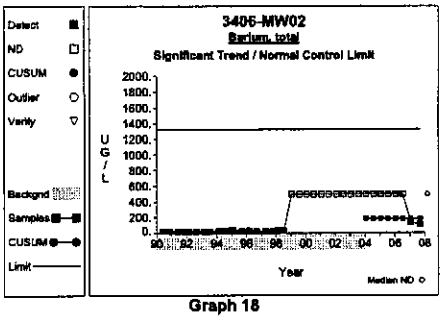
Intra-Well Control Charts



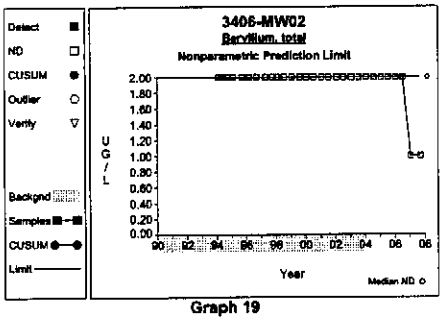
Graph 16



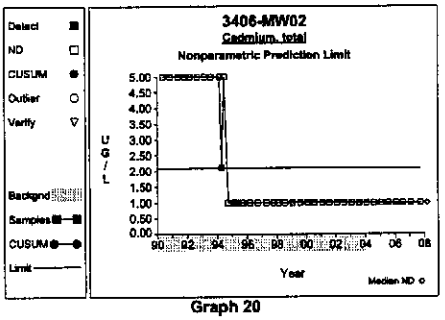
Graph 17



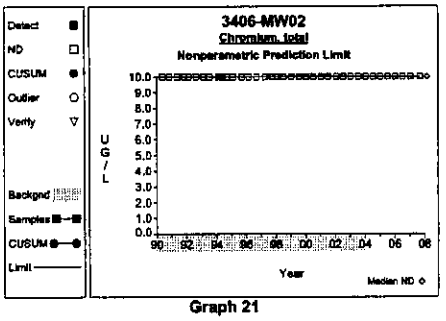
Graph 18



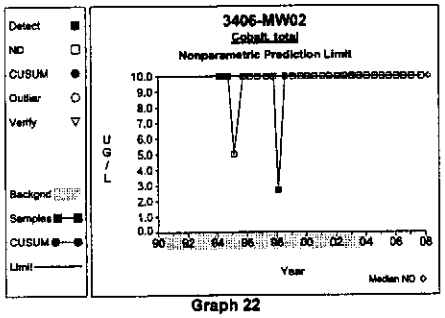
Graph 19



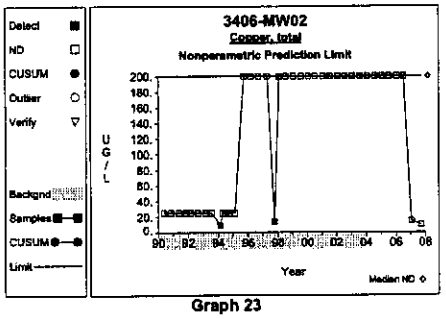
Graph 20



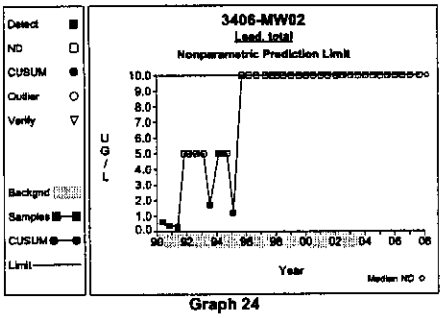
Graph 21



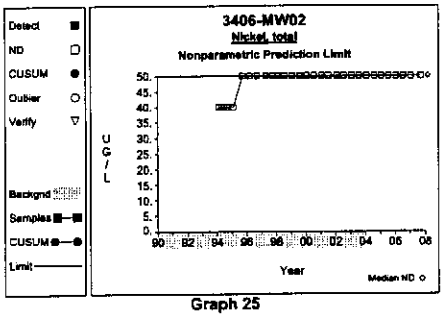
Graph 22



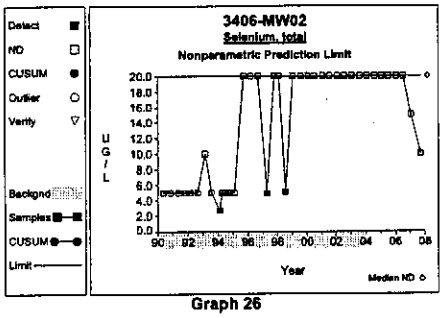
Graph 23



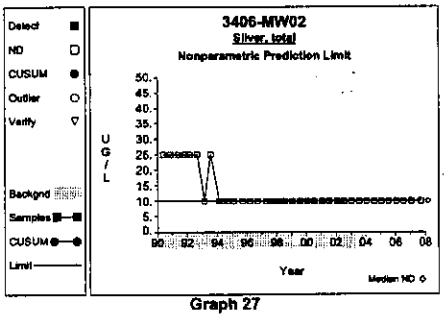
Graph 24



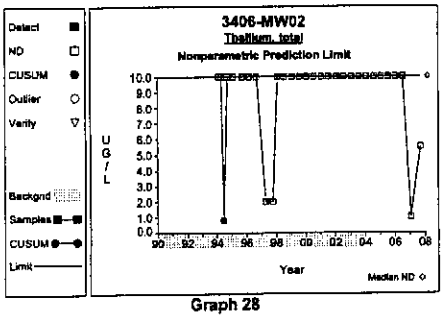
Graph 25



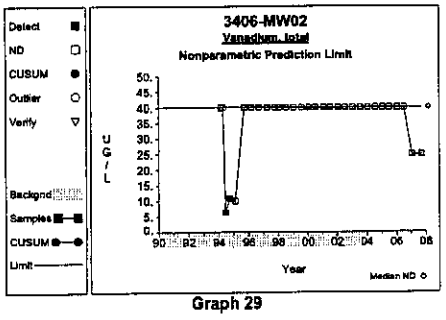
Graph 26



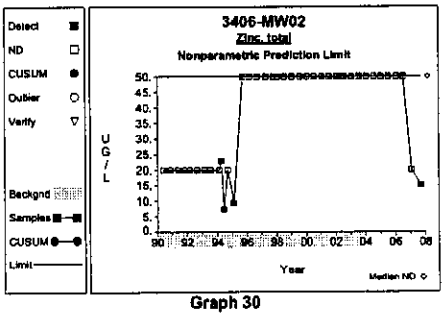
Graph 27



Graph 28



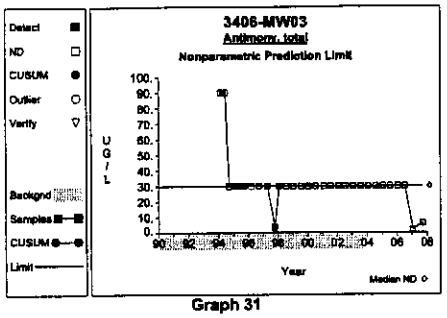
Graph 29



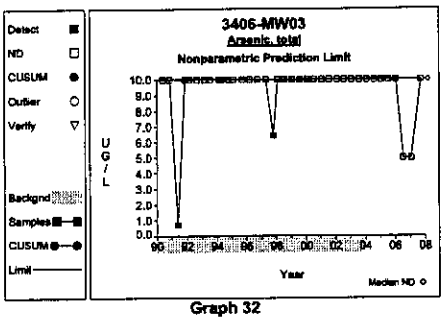
Graph 30

Prepared by: Otter Creek Environmental

Intra-Well Control Charts



Graph 31



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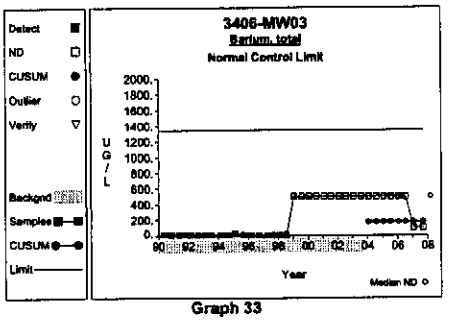

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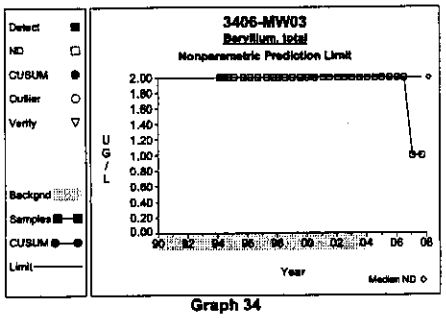

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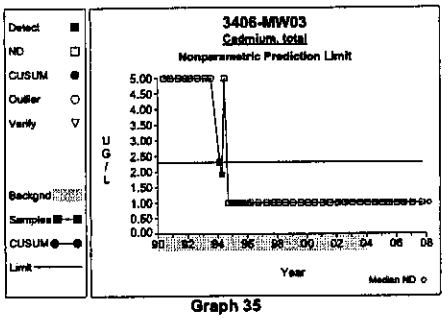

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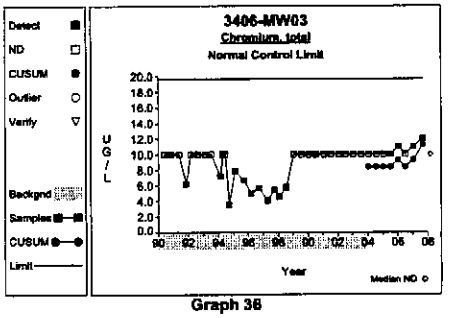

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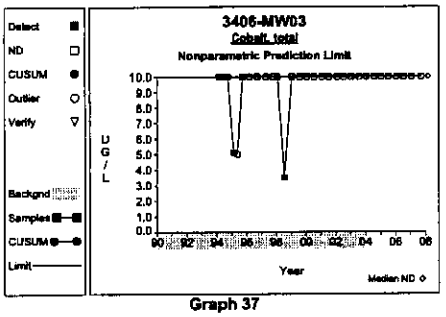

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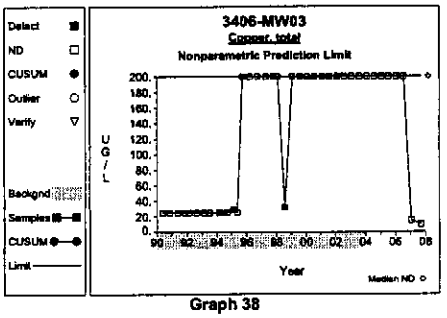

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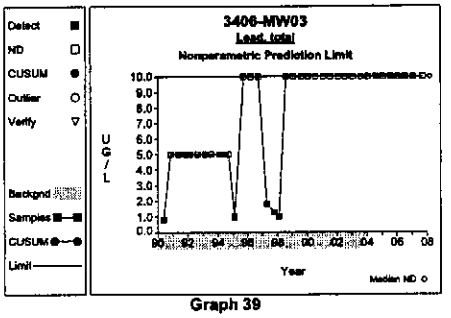

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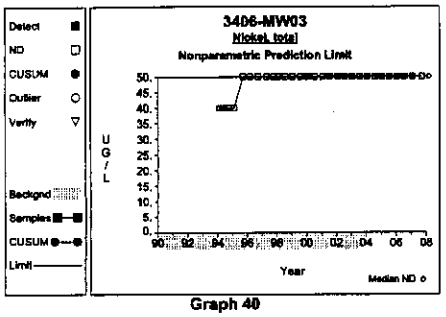

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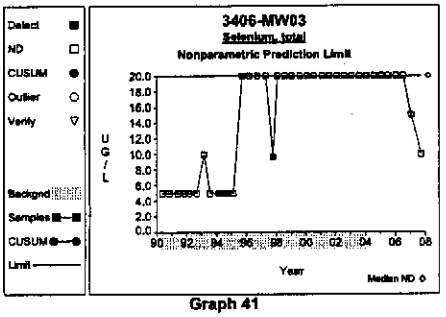

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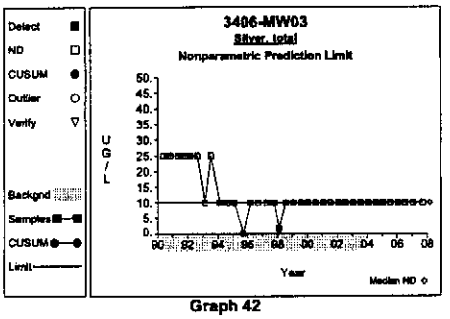

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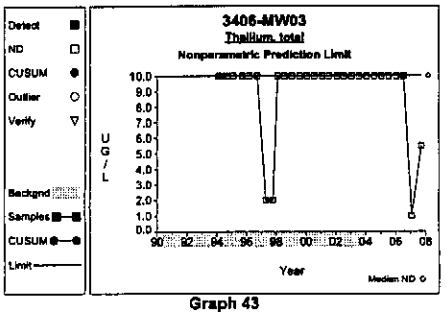

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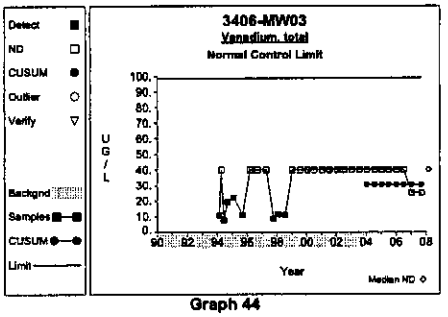

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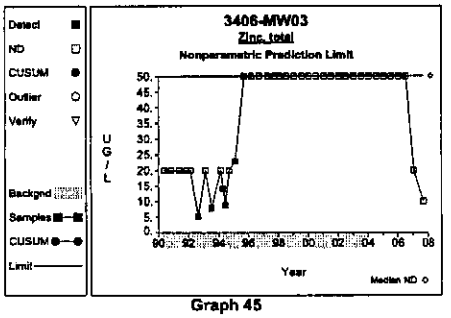
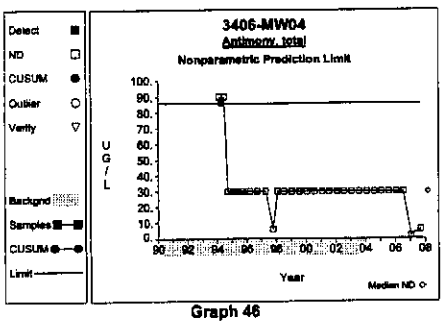


Graph 45

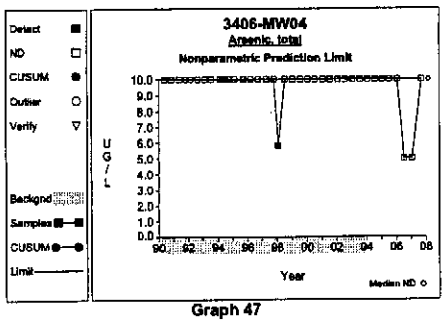
Piedmont [gw]

Analysis prepared on October 2007

Intra-Well Control Charts



Graph 46



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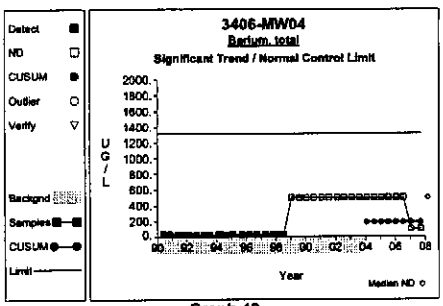

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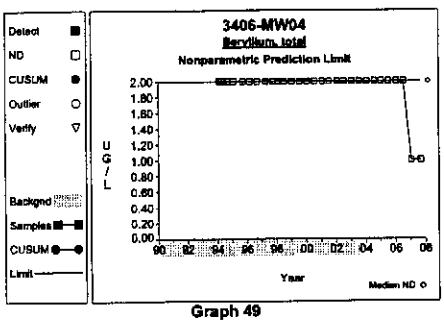

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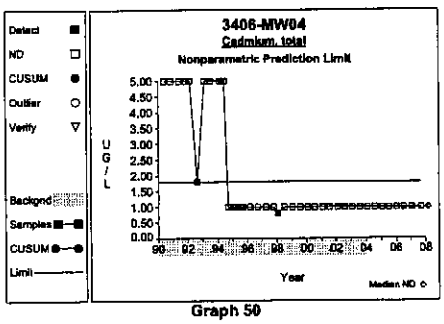

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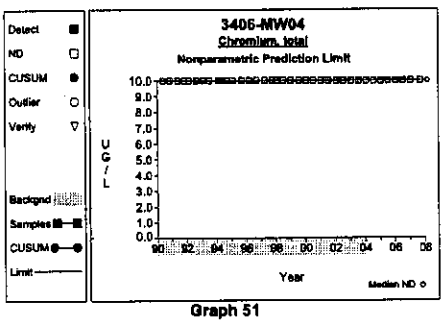

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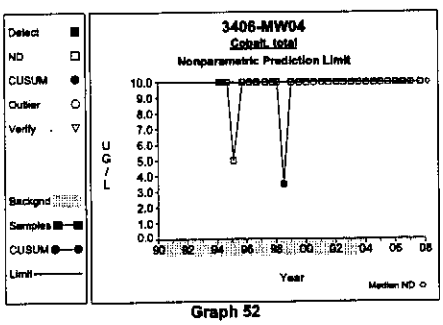

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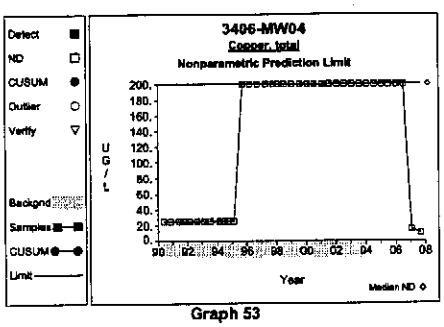

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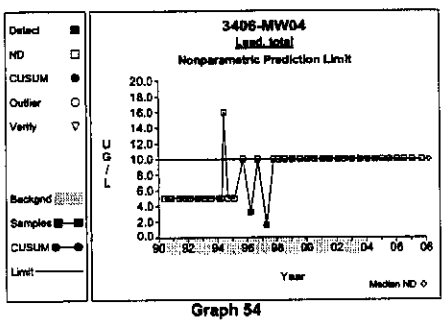
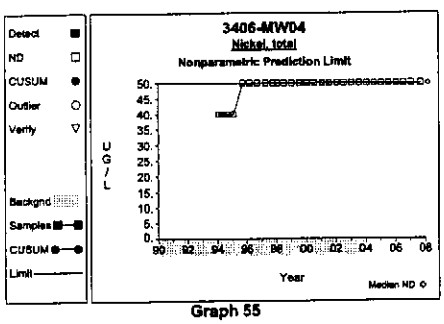


Graph 54



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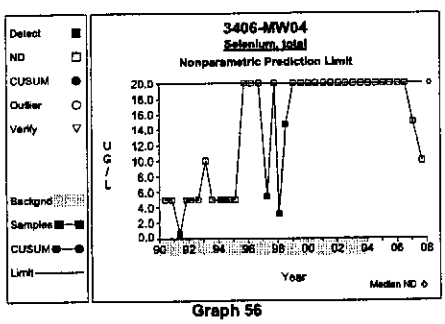

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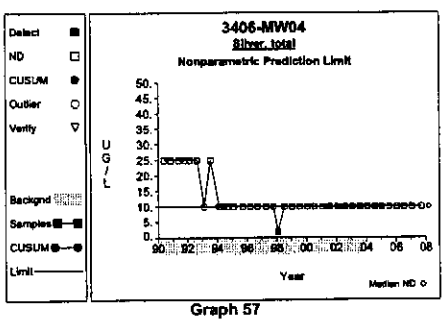

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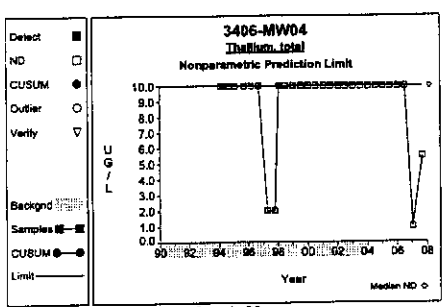

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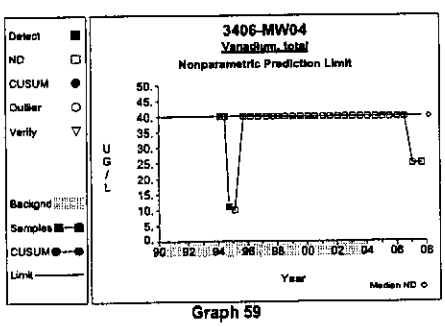
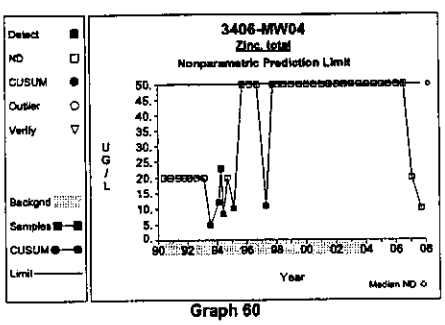


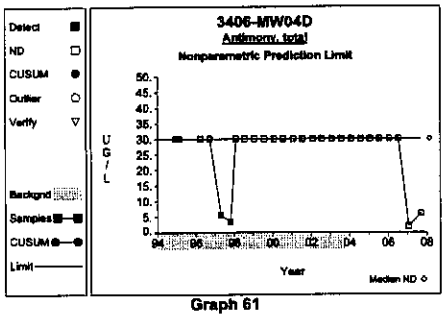
Graph 59



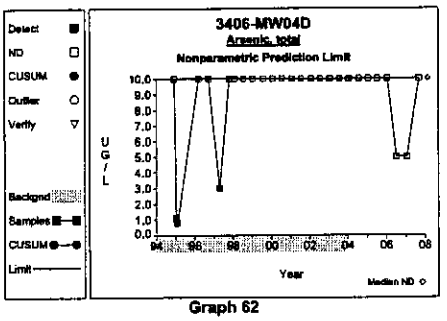
Graph 60

Prepared by: Otter Creek Environmental

Intra-Well Control Charts



Graph 61



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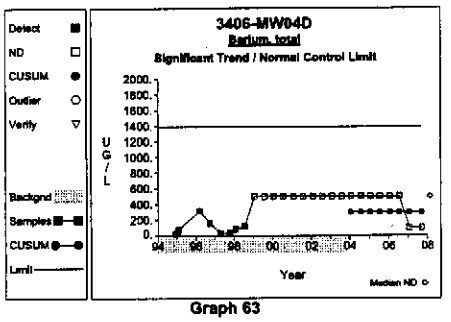

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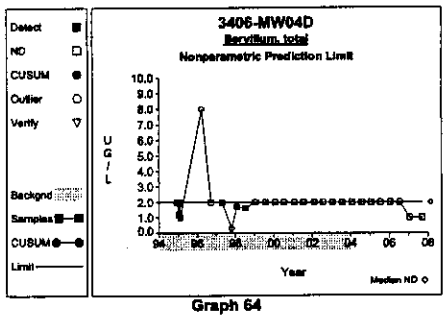

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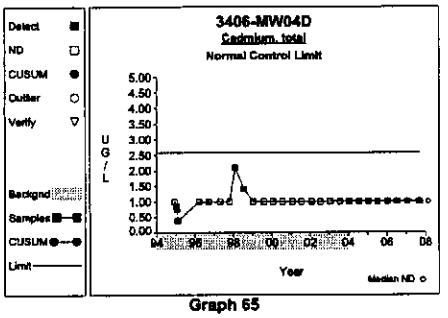

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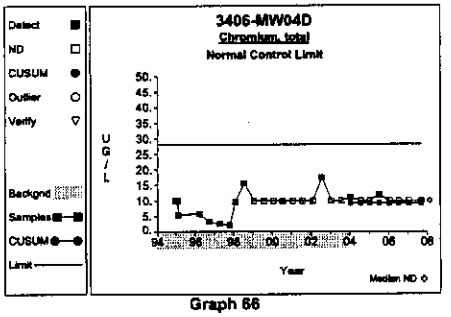

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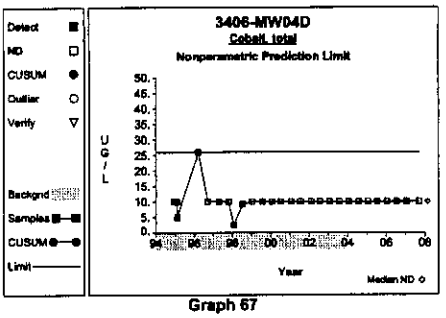
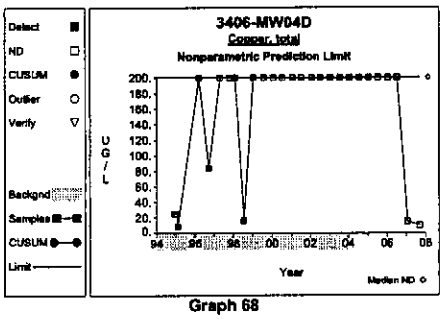
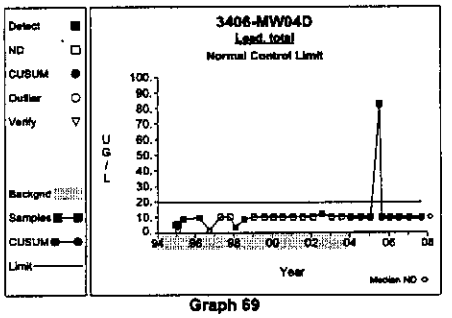


Graph 67



Graph 68



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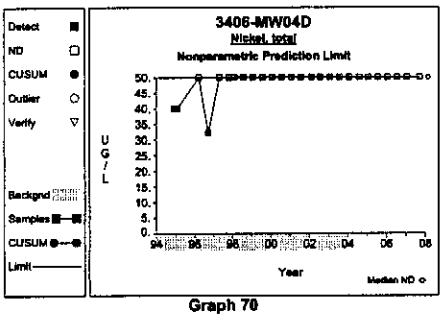

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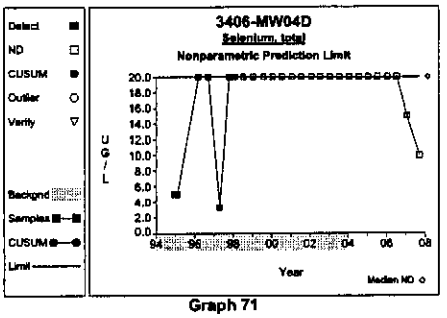

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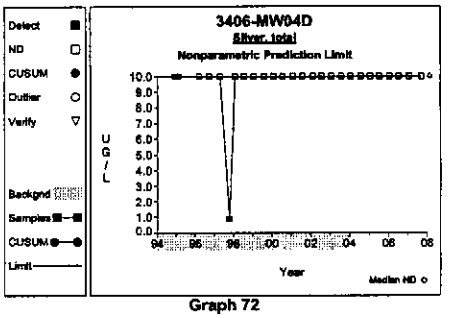

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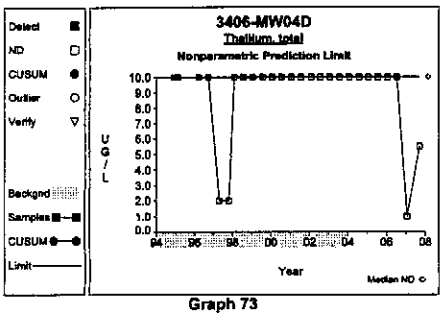

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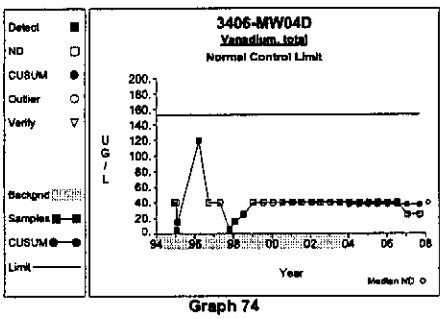
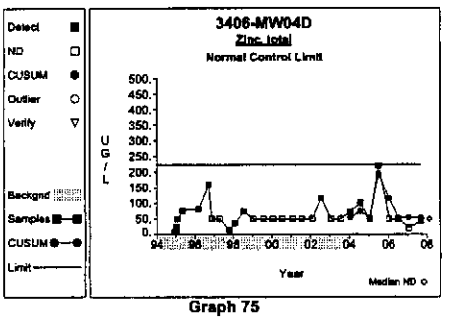
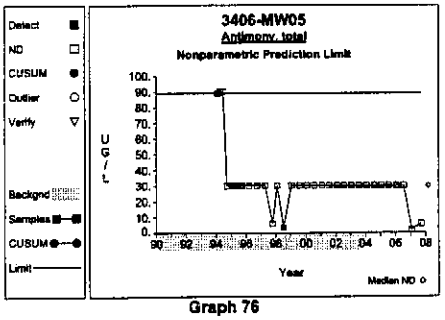


Graph 74

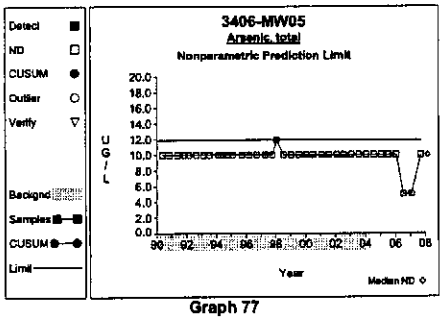


Graph 75

Intra-Well Control Charts



Graph 76



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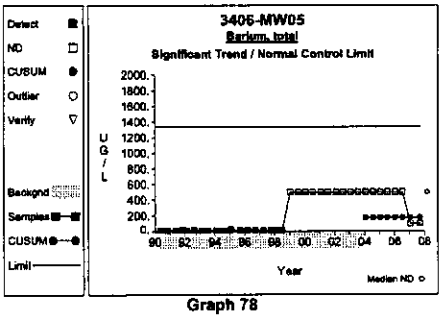

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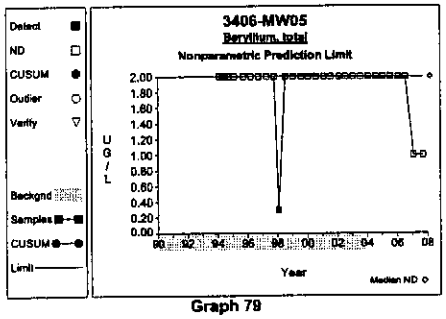

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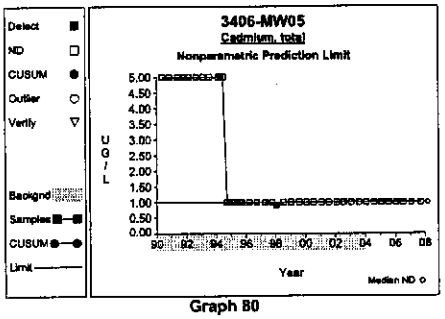

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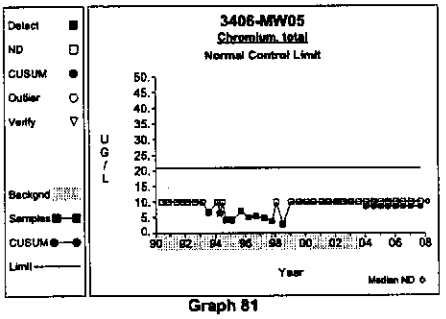

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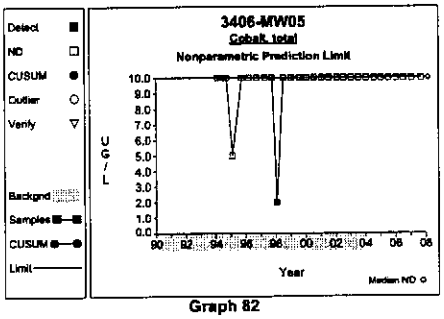

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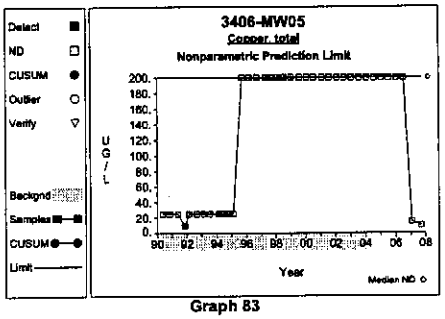

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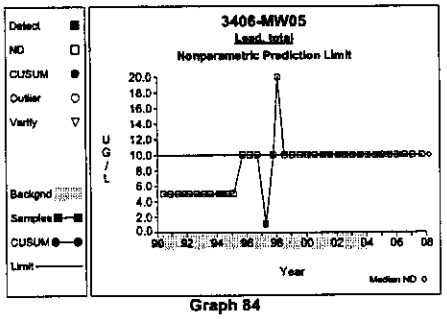
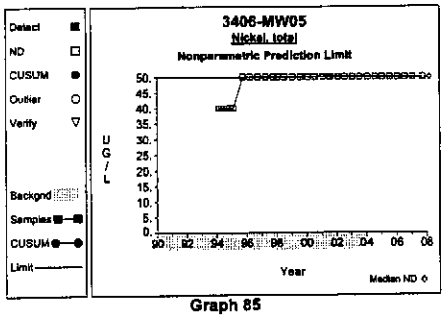
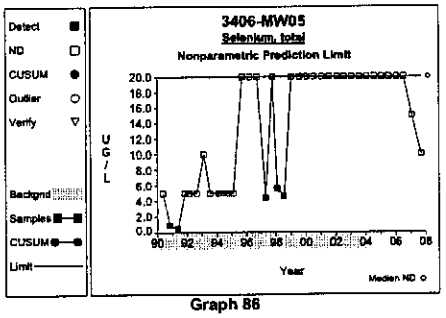


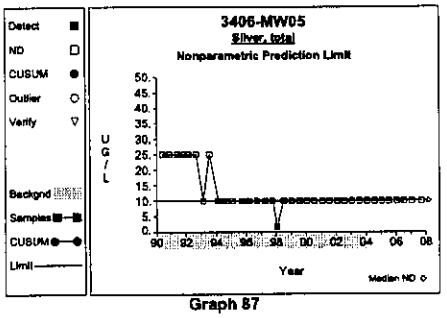
Graph 84



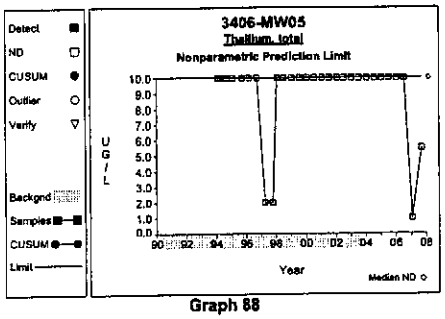
Graph 85



Graph 86



Graph 87



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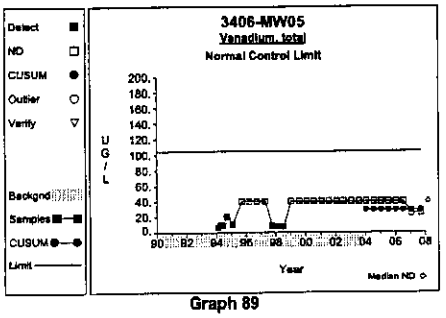
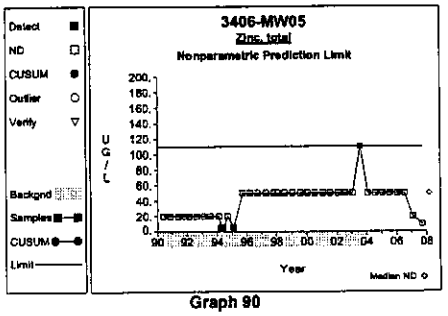
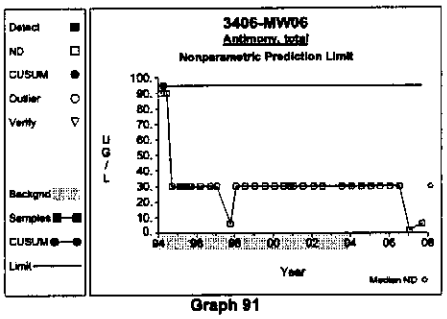


Graph 89

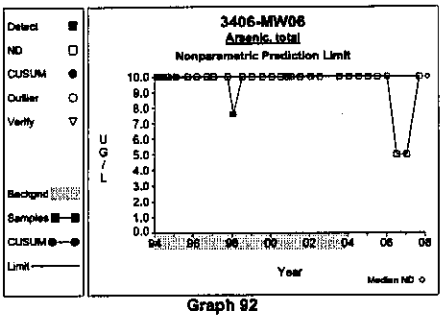


Graph 90

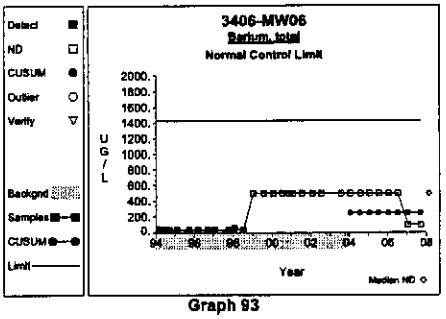
Intra-Well Control Charts



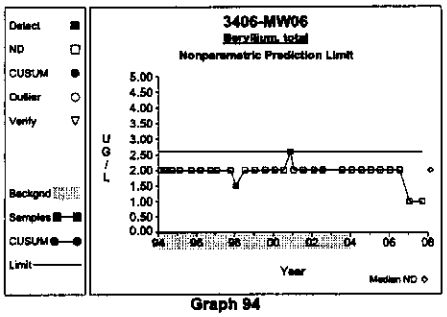
Graph 91



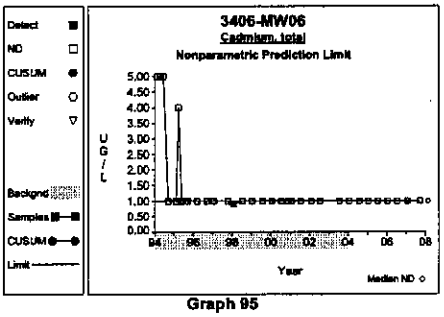
Graph 92



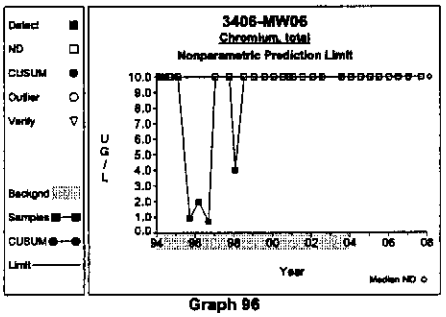
Graph 93



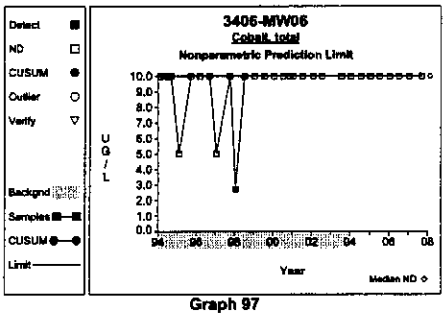
Graph 94



Graph 95



Graph 96



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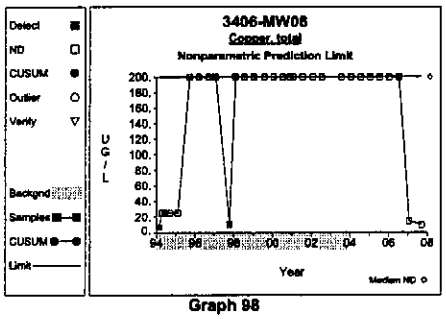
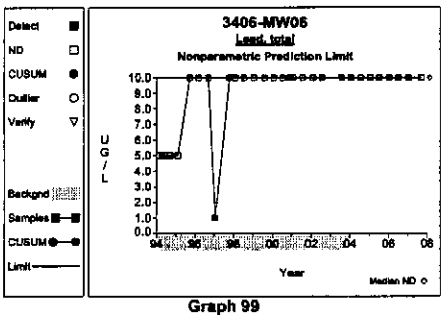
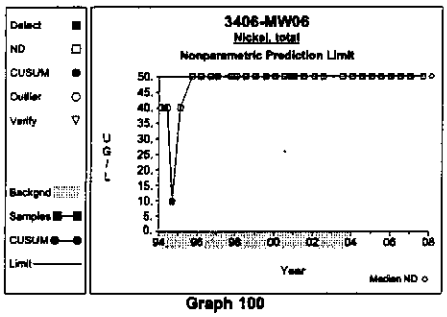


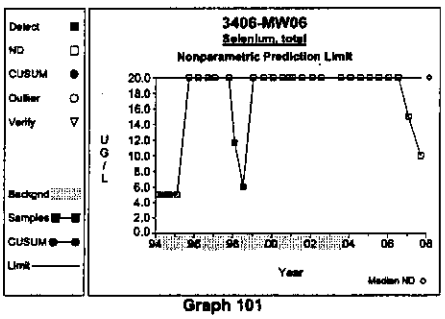
Graph 98



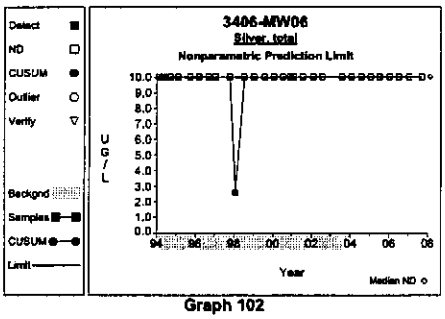
Graph 99



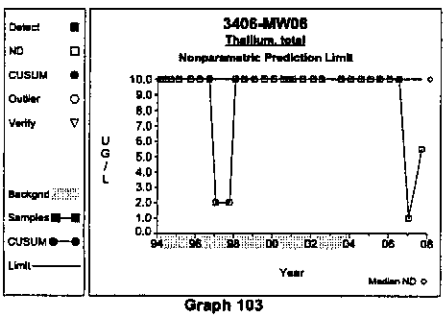
Graph 100



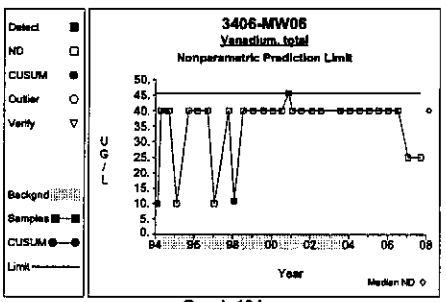
Graph 101



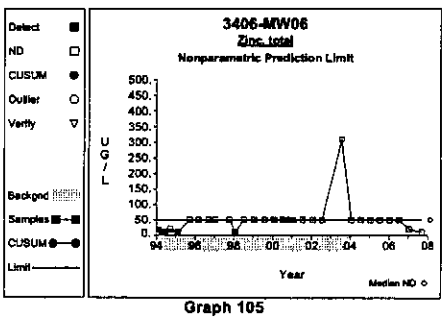
Graph 102



Graph 103



Graph 104

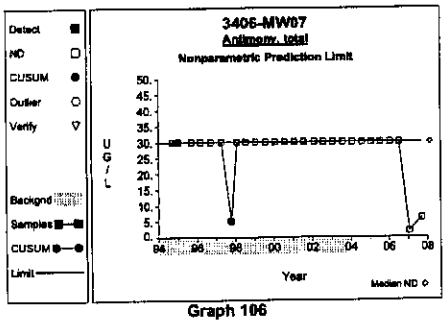


Graph 105

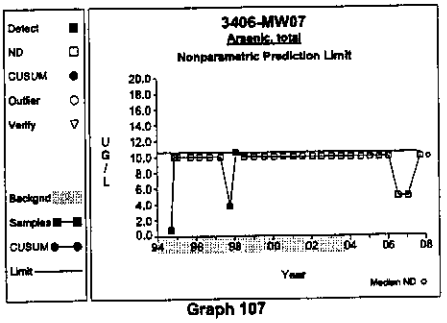
Piedmont [gw]

Analysis prepared on October 2007

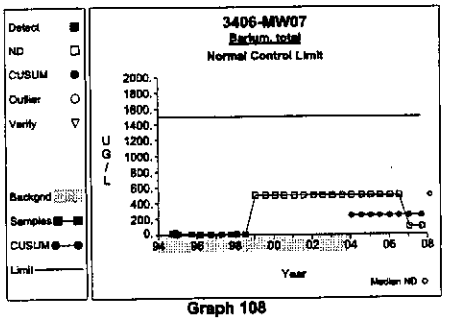
Intra-Well Control Charts



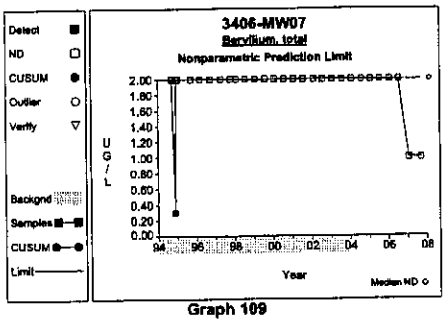
Graph 106



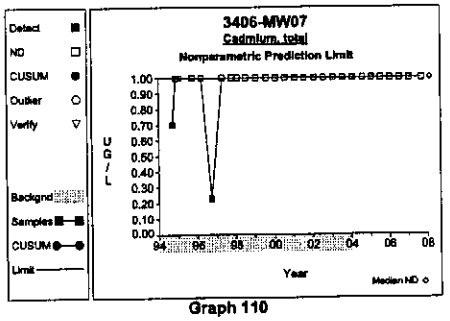
Graph 107



Graph 108



Graph 109



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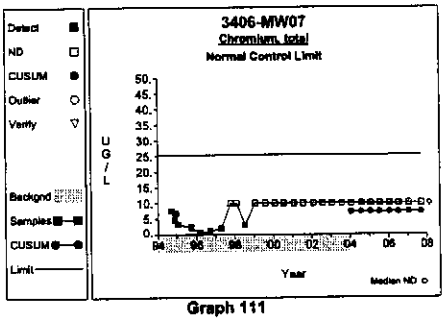
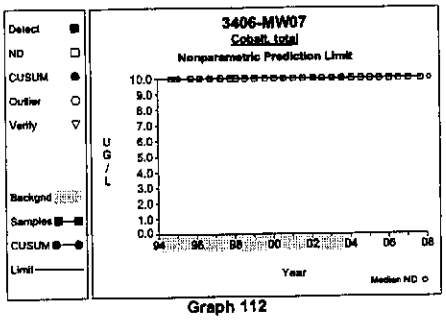


Graph 111



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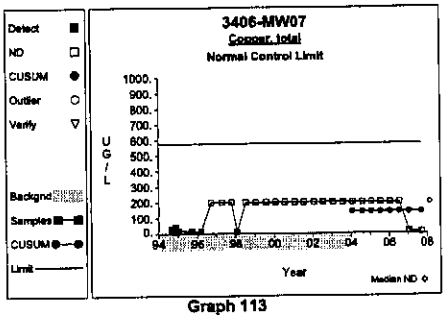
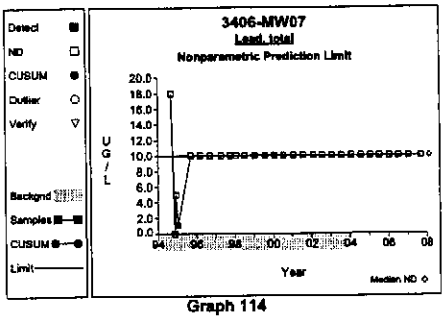
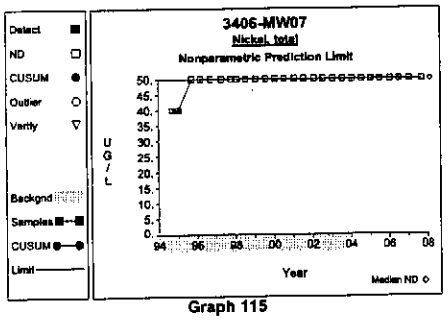


Graph 113



Graph 114



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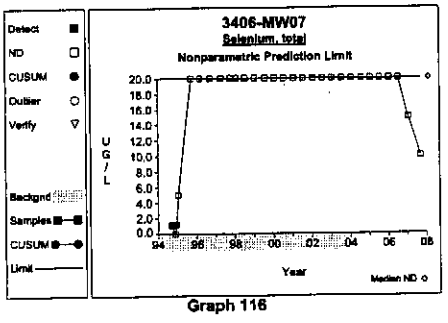

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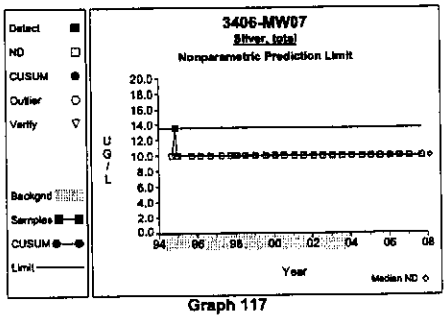
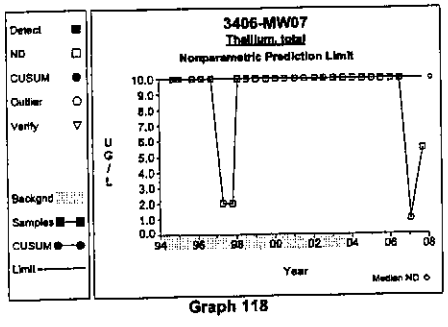
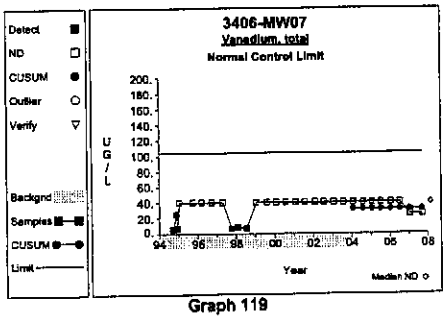


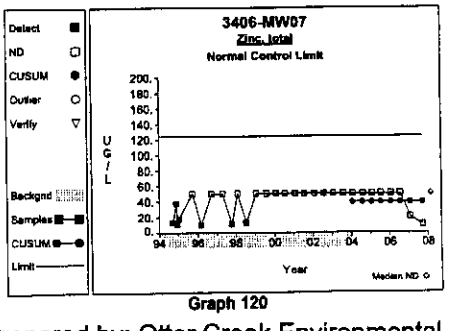
Graph 117



Graph 118



Graph 119



Graph 120

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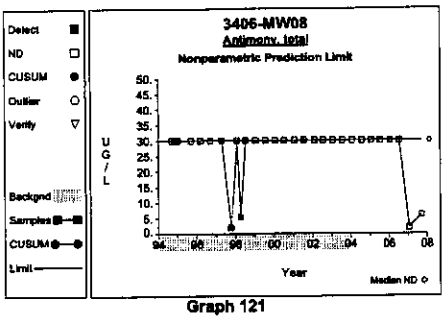
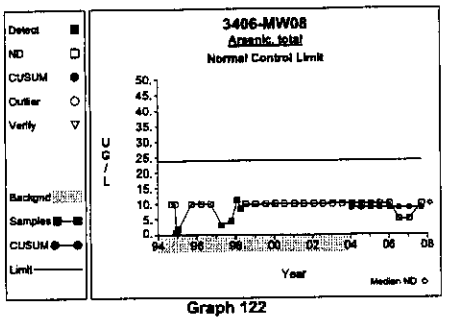


Graph 121



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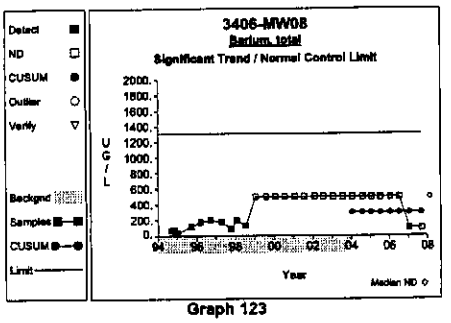

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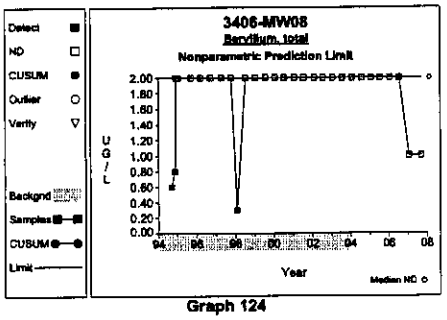
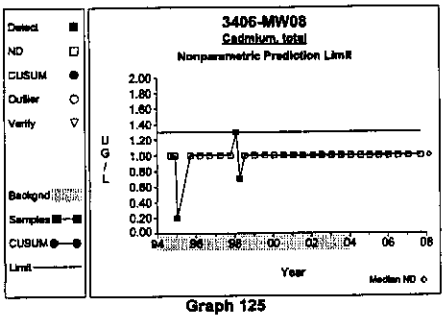
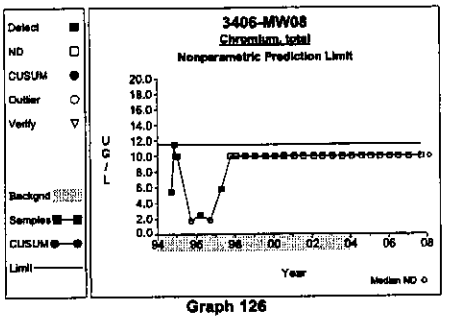


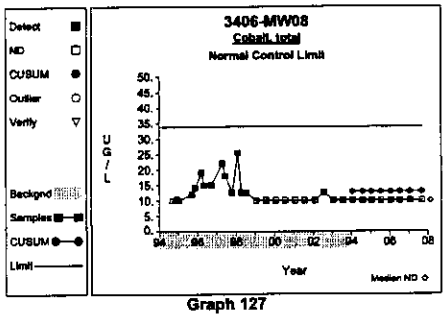
Graph 124



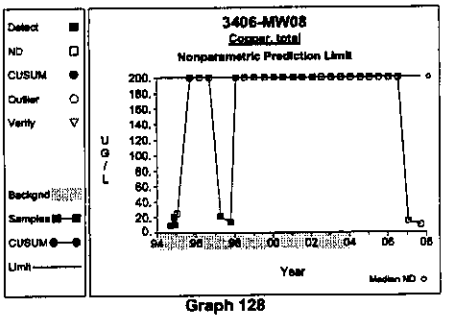
Graph 125



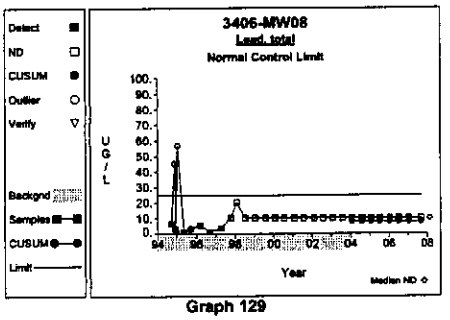
Graph 126



Graph 127



Graph 128



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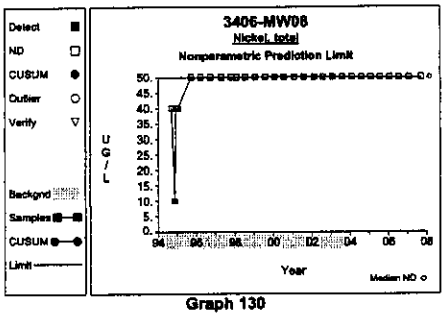

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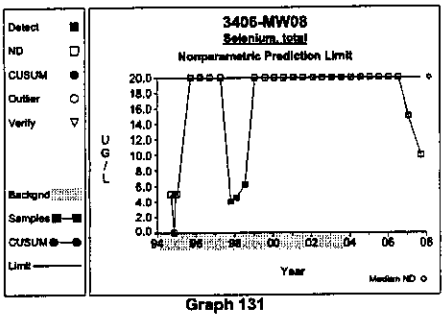
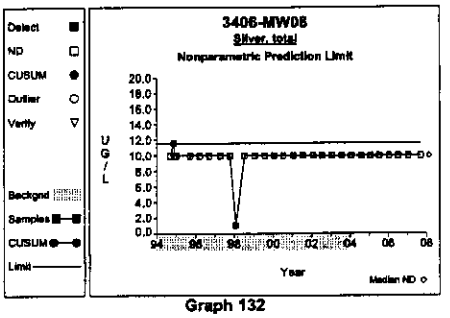
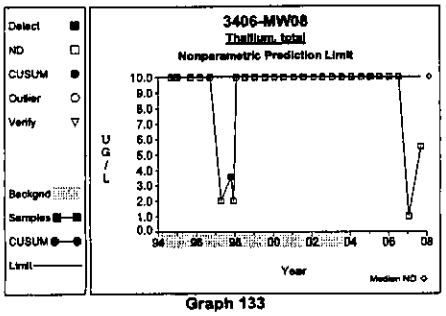


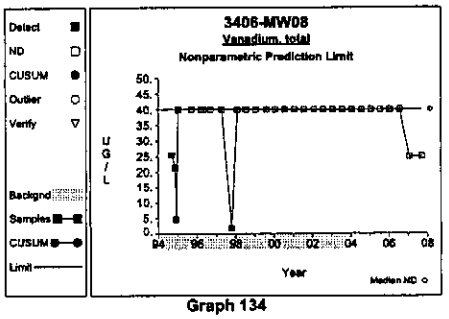
Graph 131



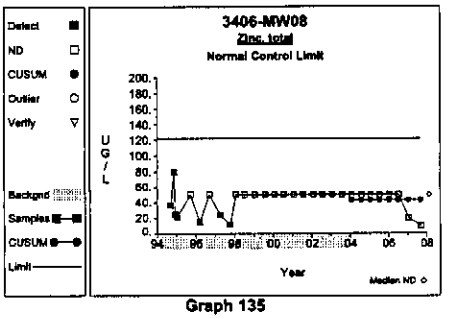
Graph 132



Graph 133



Graph 134

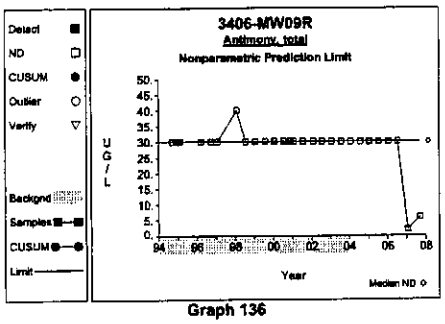


Graph 135

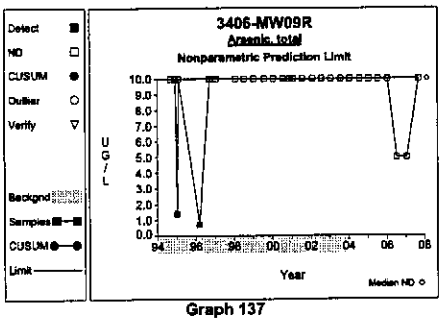
Piedmont [gw]

Analysis prepared on October 2007

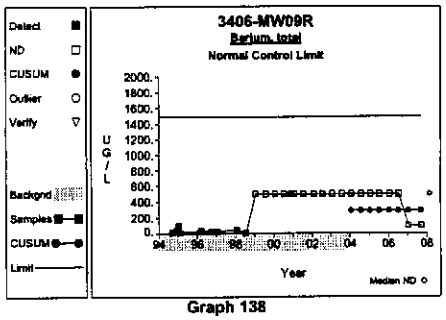
Intra-Well Control Charts



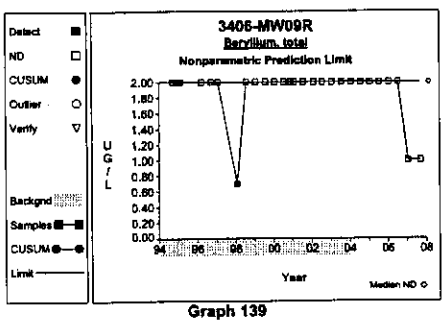
Graph 136



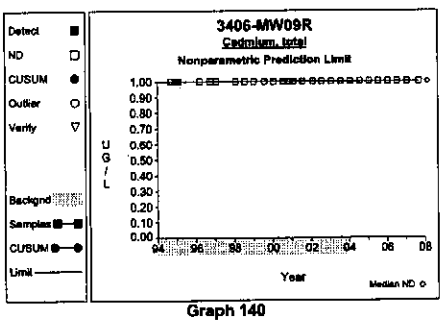
Graph 137



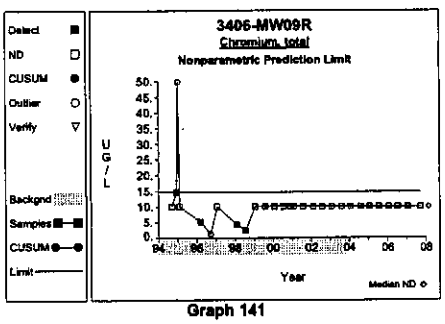
Graph 138



Graph 139



Graph 140



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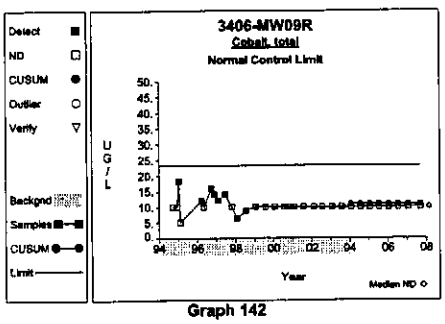
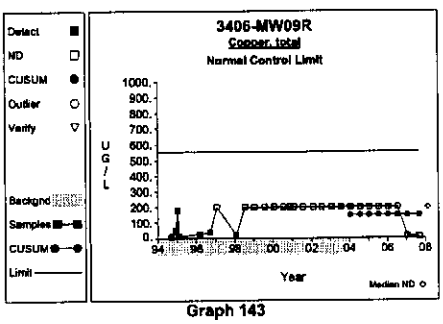
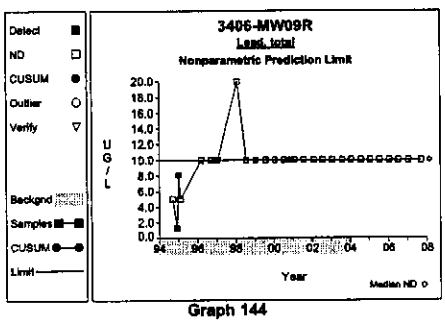


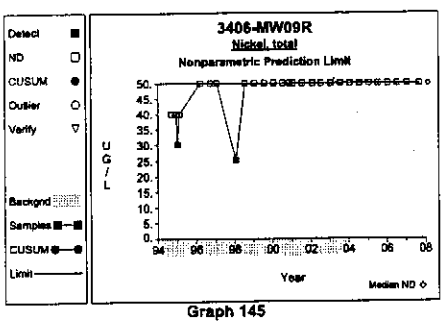
Graph 142



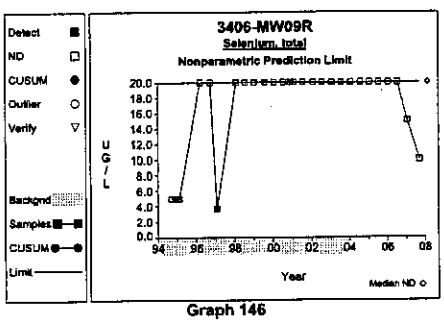
Graph 143



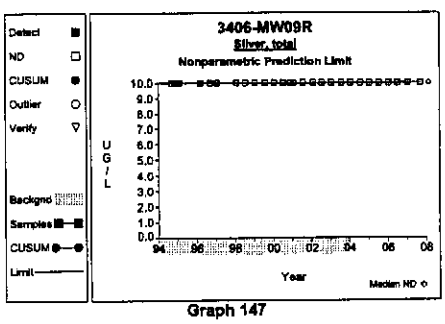
Graph 144



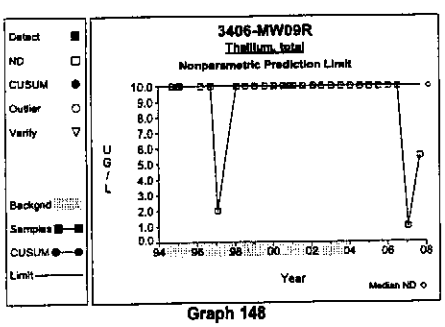
Graph 145



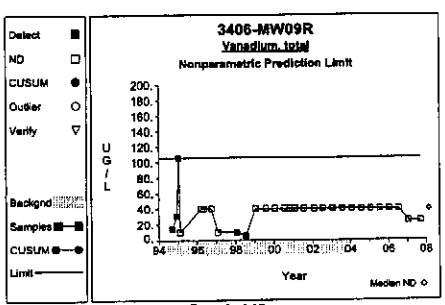
Graph 146



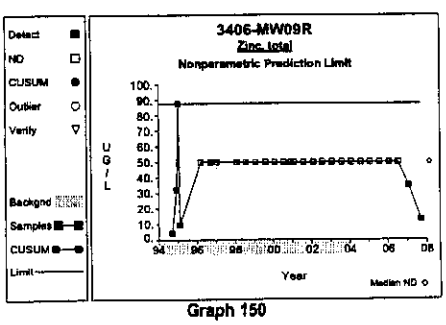
Graph 147



Graph 148



Graph 149



Graph 150

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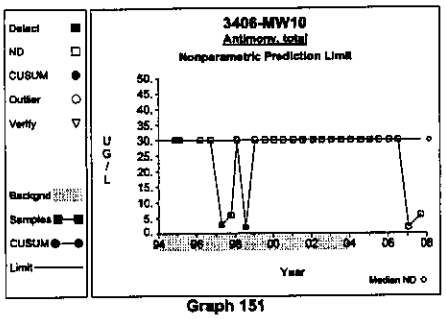
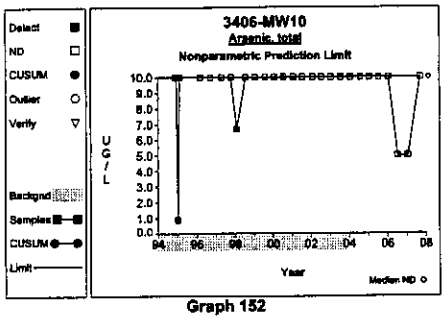
Intra-Well Control Charts



Graph 151



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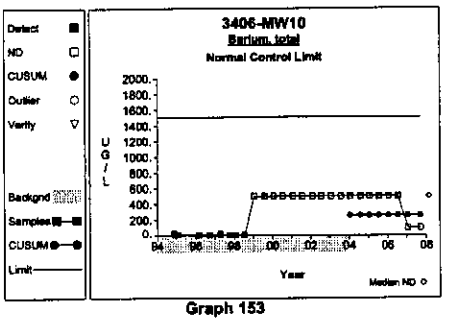

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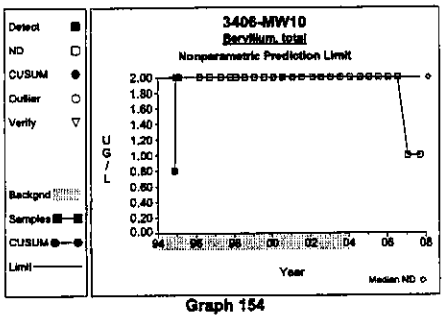

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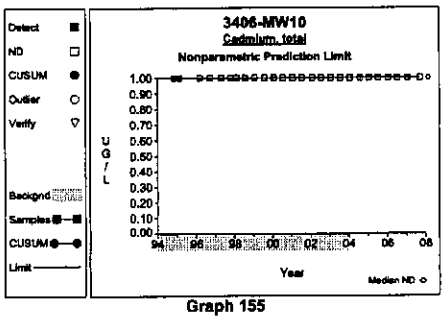

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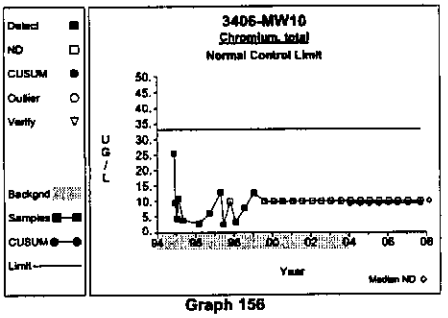

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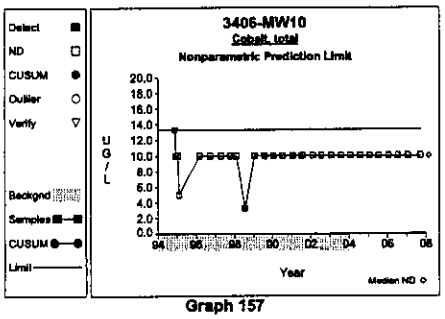

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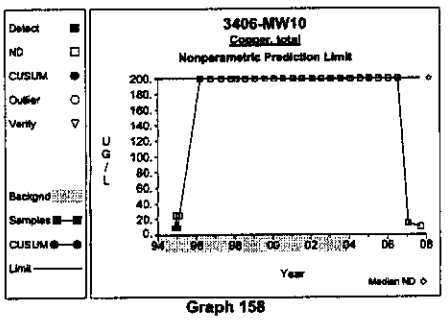

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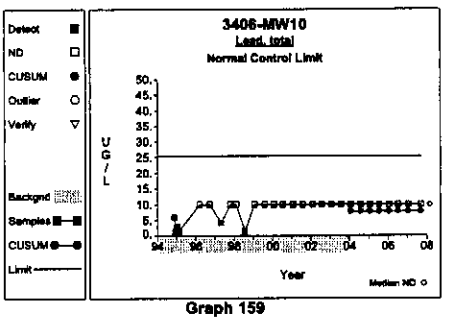

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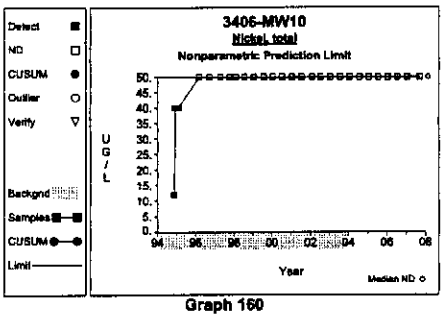

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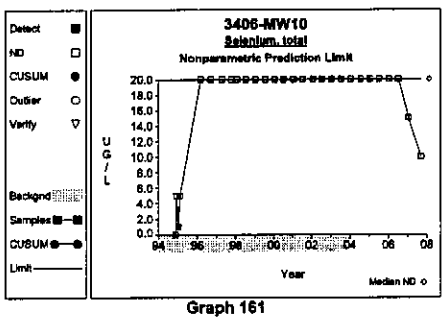

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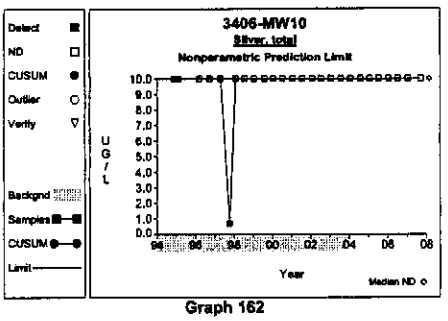

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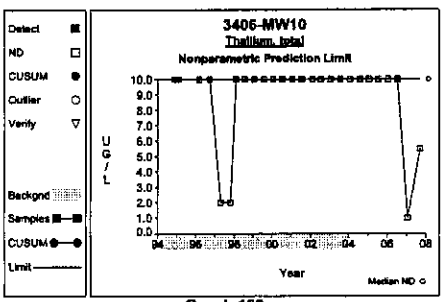

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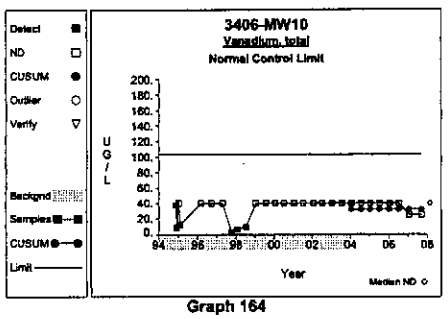

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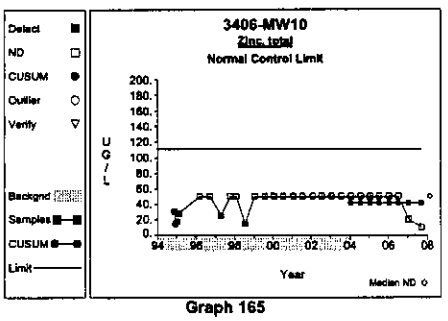

Graph 165

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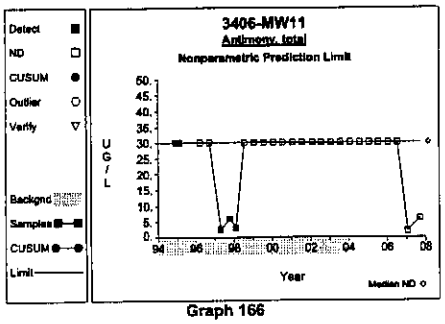

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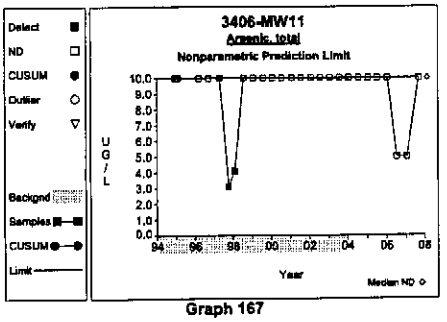

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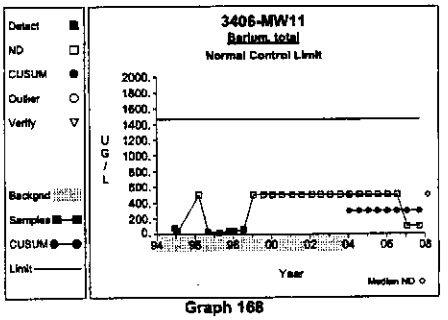

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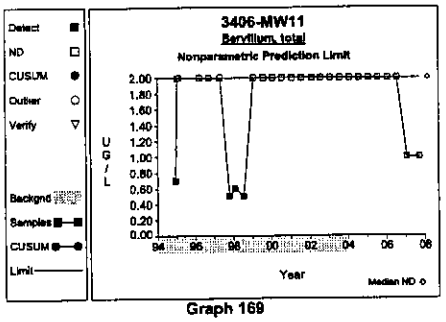

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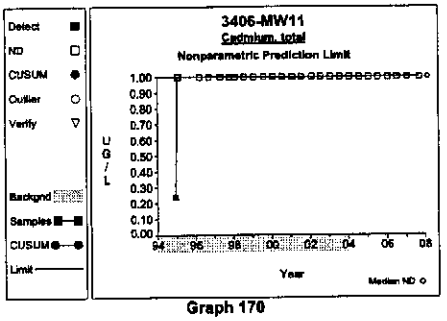

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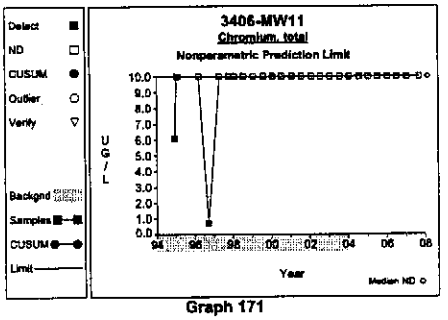

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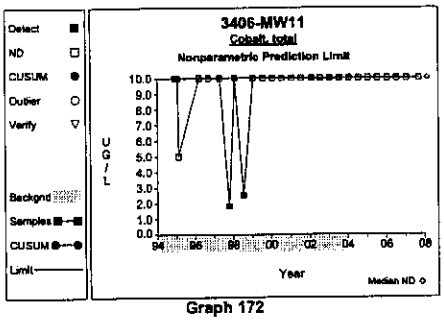

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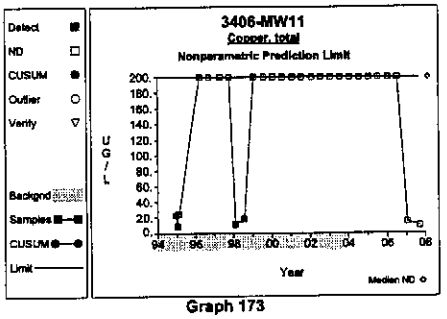

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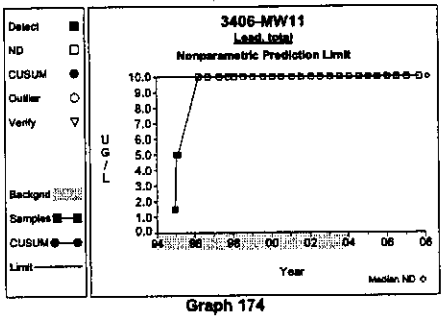

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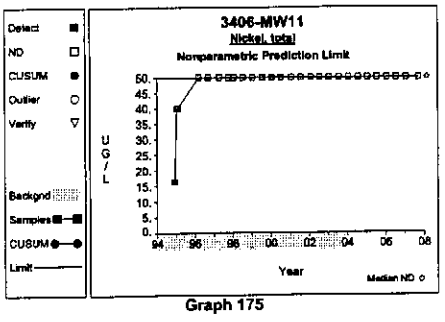

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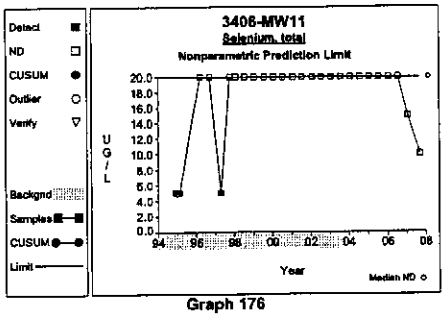

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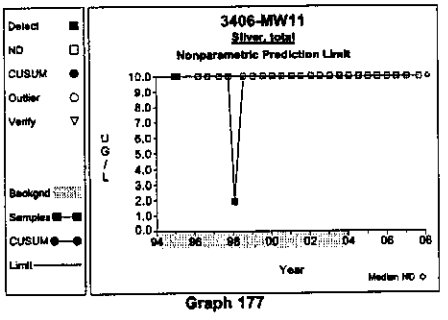

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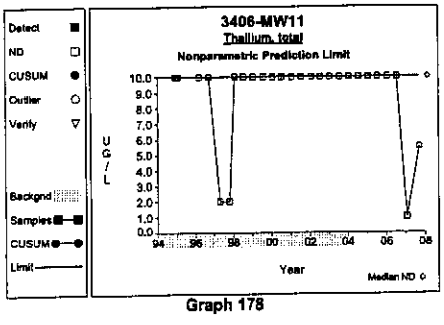

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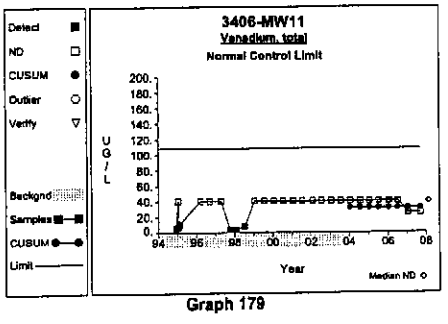

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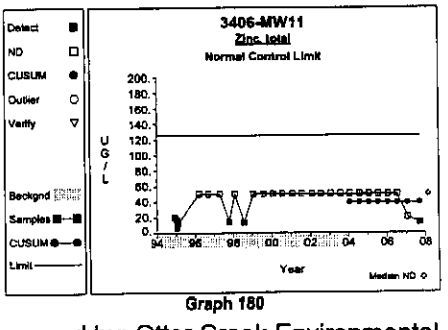

Graph 180

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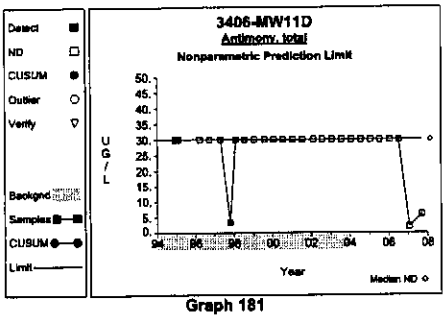

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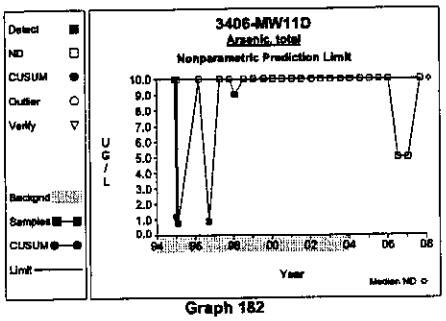

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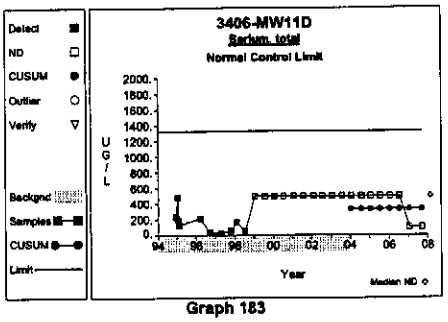

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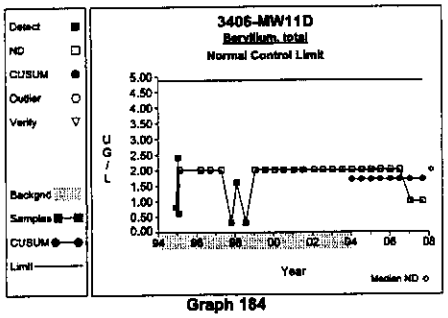

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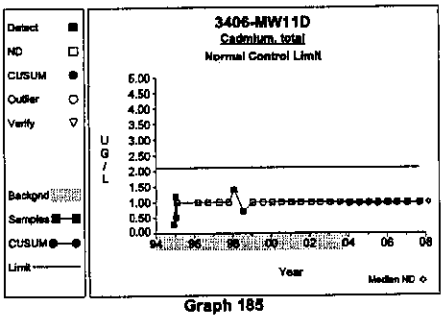

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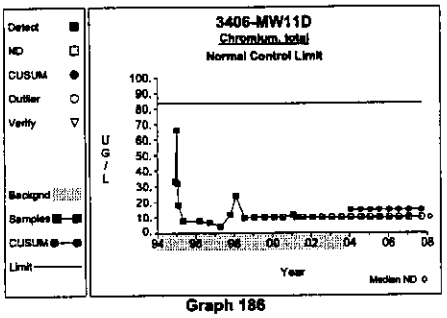

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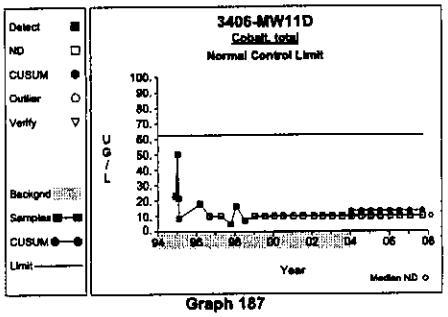

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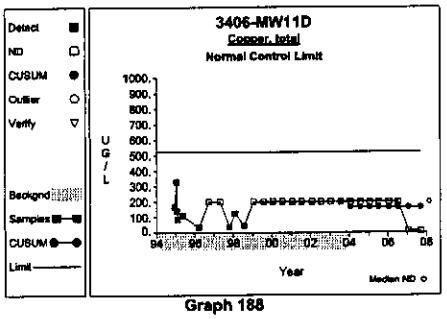

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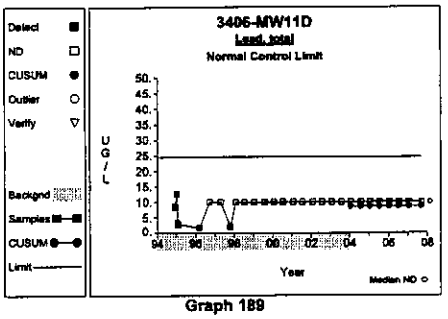

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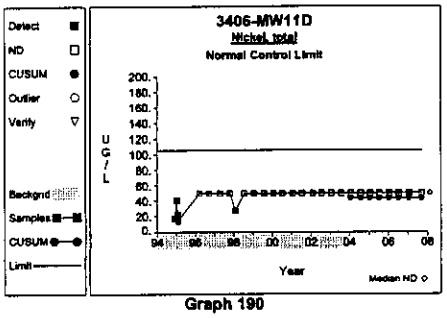

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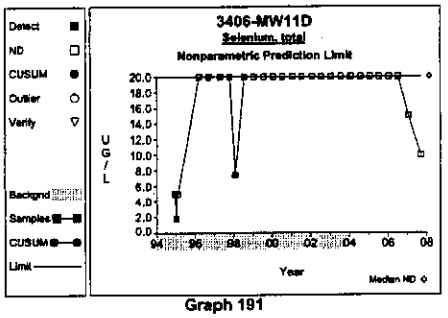

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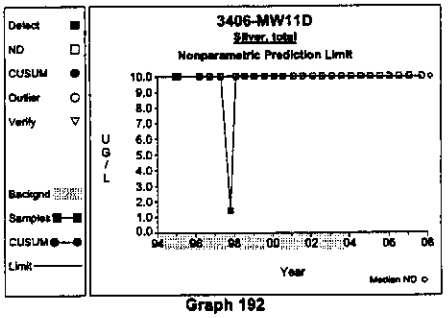

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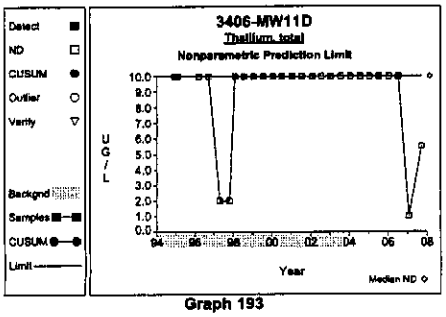

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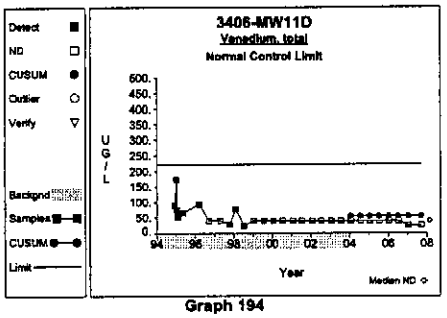

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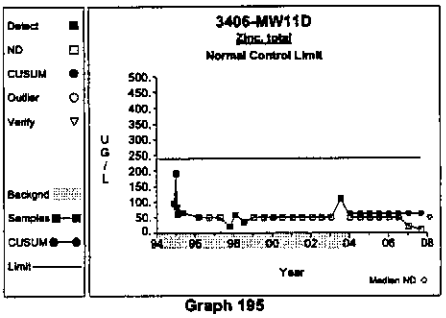

Graph 195

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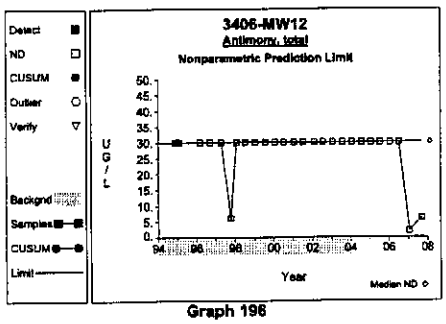

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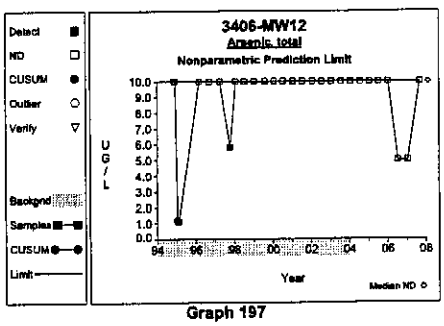

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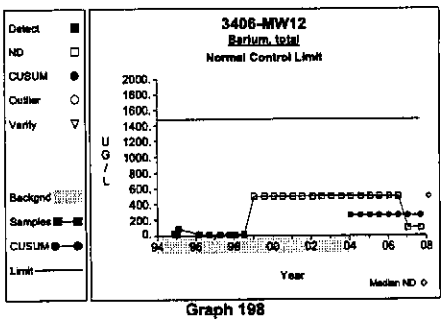

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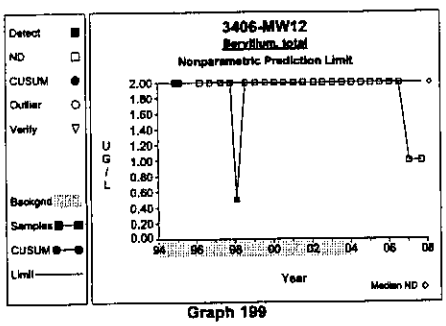

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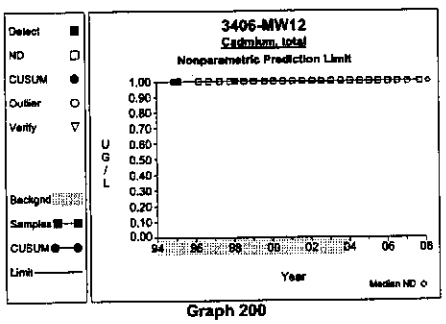

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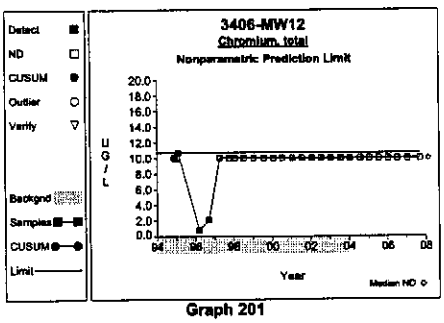

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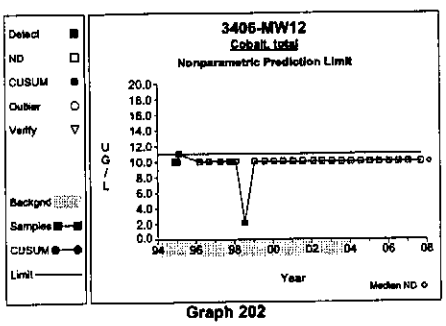

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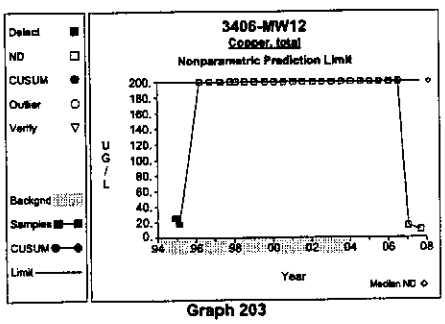

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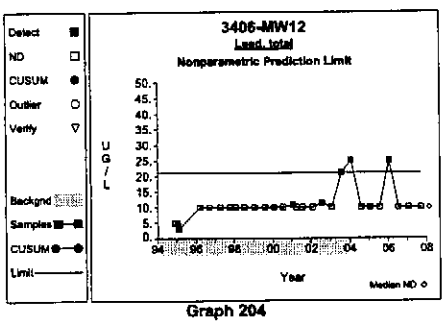

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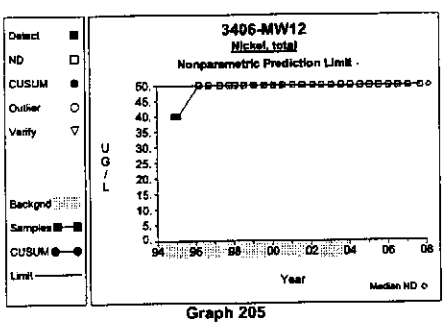

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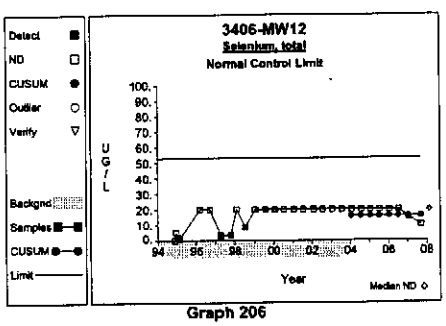

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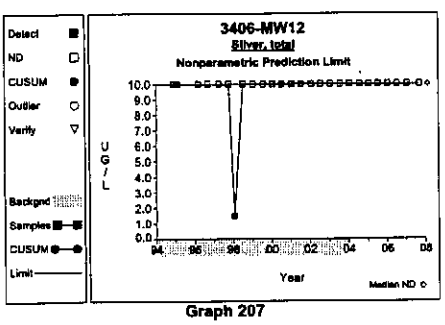

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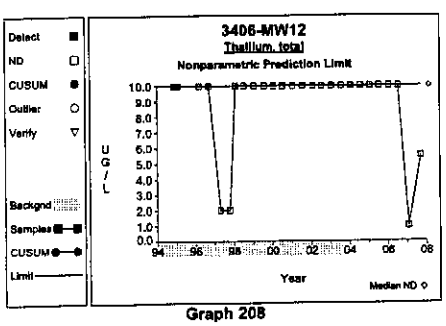

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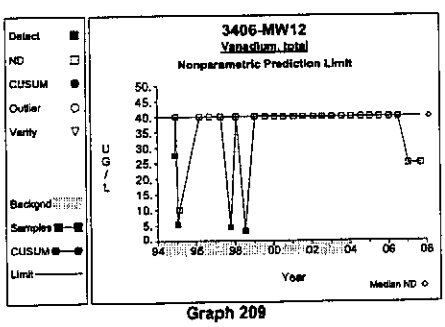

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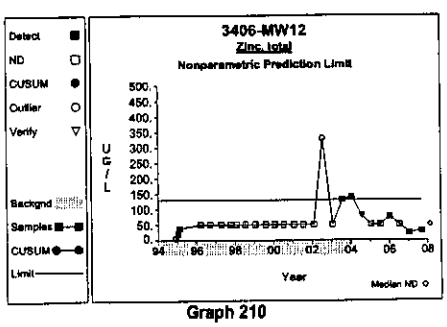

Graph 210

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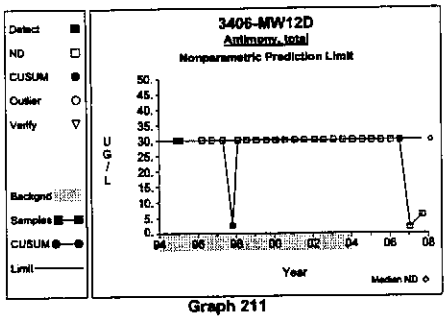
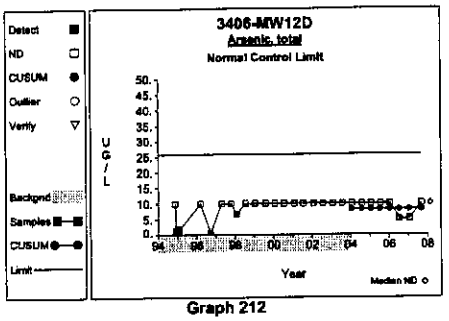
Analysis prepared on October 2007

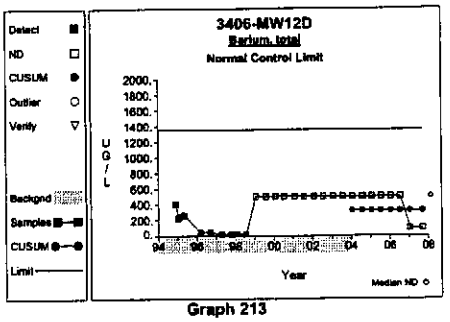
Intra-Well Control Charts



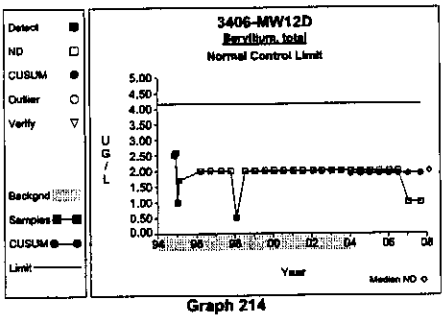
Graph 211



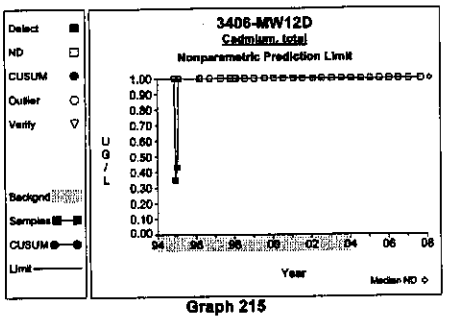
Graph 212



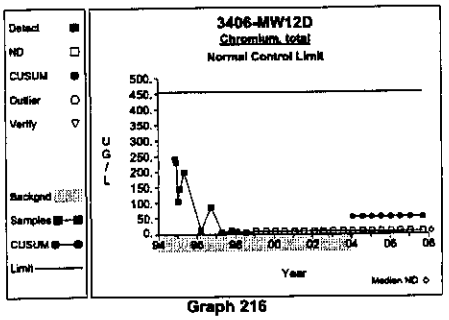
Graph 213



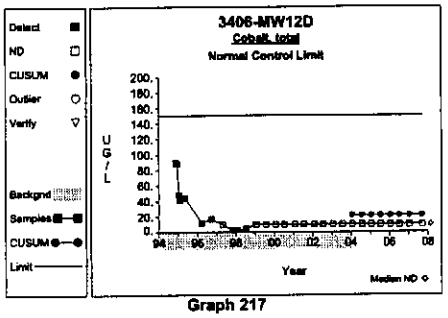
Graph 214



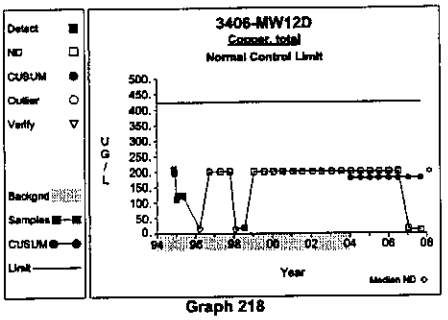
Graph 215



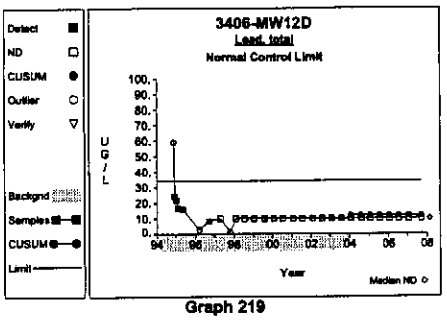
Graph 216



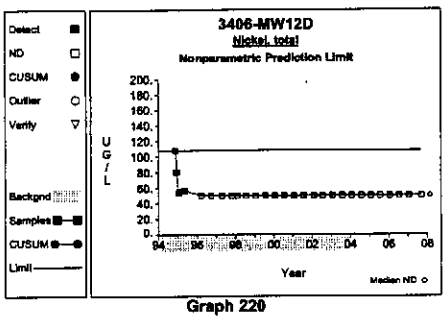
Graph 217



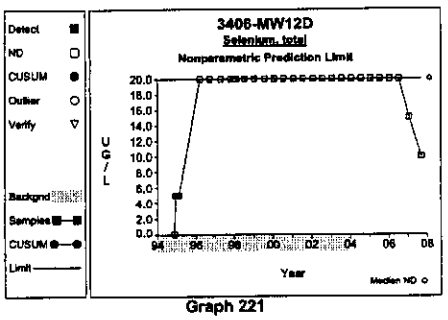
Graph 218



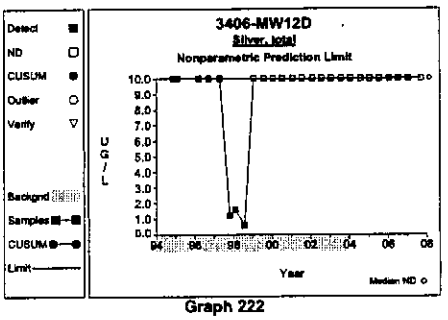
Graph 219



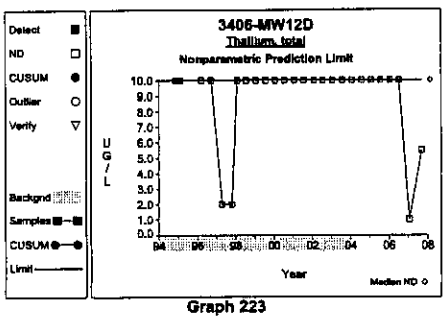
Graph 220



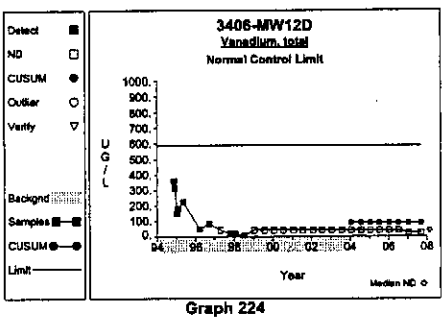
Graph 221



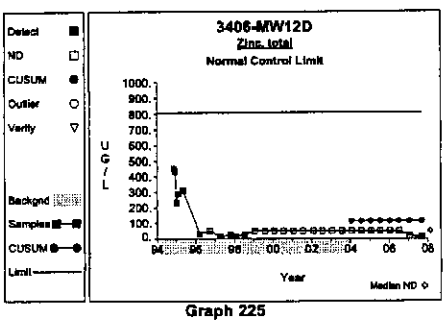
Graph 222



Graph 223



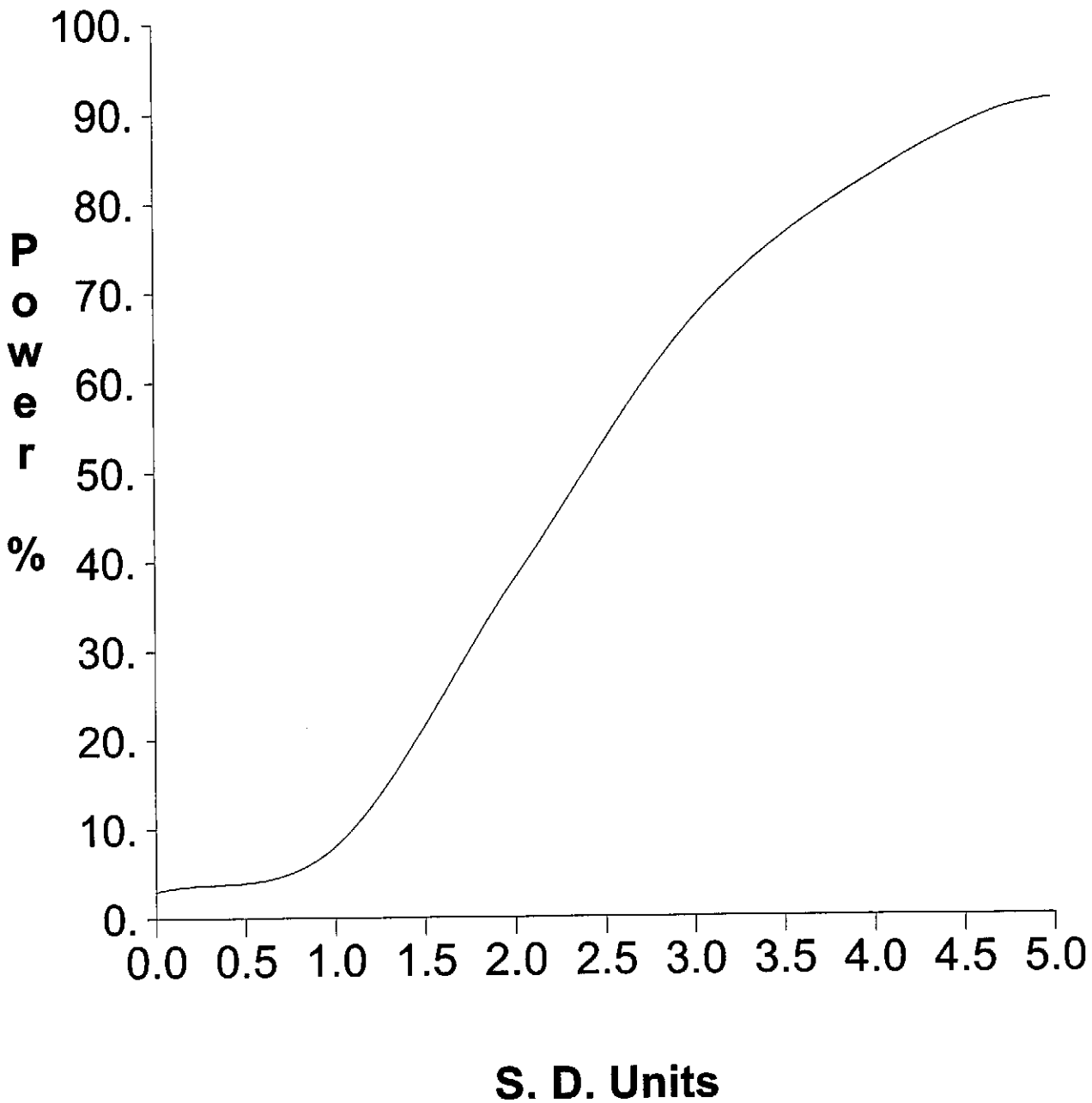
Graph 224



Graph 225

Prepared by: Otter Creek Environmental

False Positive and False Negative Rates for Current Intra-Well Control Charts Monitoring Program



Attachment C

Summary of the VOCs Detected in the Ground Water

Table 1

Historical Volatile Organic Compound Detections

Constituent	Units	Well	Date	Result	Limit
Acetone	UG/L	3406-LEACHATE	9/13/2007	640.0000	400.0000
Total xylenes	UG/L	3406-LEACHATE	9/13/2007	23.0000	16.0000
Acetone	UG/L	3406-MW01	9/09/1996	21.0000	100.0000
Heptachlor	UG/L	3406-MW01	1/27/1998	.0200	.0500
1,1-dichloroethene	UG/L	3406-MW02	7/10/1998	.4000	5.0000
Benzene	UG/L	3406-MW02	9/13/2007	1.1000	1.0000
Chloroform	UG/L	3406-MW02	2/16/1994	.5000	5.0000
Chloroform	UG/L	3406-MW02	4/11/1994	.5000	5.0000
Chloroform	UG/L	3406-MW02	9/14/1994	.4000	5.0000
Toluene	UG/L	3406-MW02	9/09/1996	.2000	5.0000
Vinyl chloride	UG/L	3406-MW02	9/13/2007	1.3000	1.0000
Benzene	UG/L	3406-MW04D	1/10/1995	.2000	5.0000
Chloromethane	UG/L	3406-MW04D	12/07/1994	.5000	10.0000
Toluene	UG/L	3406-MW04D	12/07/1994	.2000	5.0000
Toluene	UG/L	3406-MW04D	1/10/1995	.3000	5.0000
Bis(2-ethylhexyl) phthalate	UG/L	3406-MW06	1/27/1998	4.0000	20.0000
Benzene	UG/L	3406-MW07	11/17/1994	.2000	5.0000
Chloromethane	UG/L	3406-MW07	3/05/1996	.6000	10.0000
Benzene	UG/L	3406-MW08	11/17/1994	.2000	5.0000
1,1,1-trichloroethane	UG/L	3406-MW09R	6/05/1997	.2000	5.0000
1,1,1-trichloroethane	UG/L	3406-MW09R	10/16/1997	.2000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	3/11/1996	1.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	9/17/1996	3.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/22/1997	9.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	6/05/1997	7.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	10/16/1997	8.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/27/1998	8.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	7/14/1998	2.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/20/2000	23.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	2/16/2000	24.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	7/12/2000	20.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	11/21/2000	26.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/24/2001	28.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	7/18/2001	19.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/31/2002	21.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	7/18/2002	24.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/21/2003	7.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	7/24/2003	14.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/22/2004	22.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	7/27/2004	20.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/19/2005	16.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	7/12/2005	18.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/18/2006	12.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	7/12/2006	11.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/24/2007	6.1000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	9/12/2007	12.0000	5.0000
1,2-dichloroethane	UG/L	3406-MW09R	3/11/1996	.2000	5.0000
3-methylphenol	UG/L	3406-MW09R	1/22/1997	2.0000	10.0000
4-methylphenol	UG/L	3406-MW09R	1/22/1997	2.0000	10.0000
Acetone	UG/L	3406-MW09R	3/11/1996	66.0000	100.0000
Acetone	UG/L	3406-MW09R	4/29/1996	35.0000	34.0000
Acetone	UG/L	3406-MW09R	9/17/1996	12.0000	100.0000
Acetone	UG/L	3406-MW09R	6/05/1997	6.0000	100.0000
Benzene	UG/L	3406-MW09R	3/11/1996	5.0000	5.0000
Benzene	UG/L	3406-MW09R	4/29/1996	3.0000	5.0000
Benzene	UG/L	3406-MW09R	9/17/1996	.9000	5.0000
Benzene	UG/L	3406-MW09R	1/22/1997	2.0000	5.0000
Benzene	UG/L	3406-MW09R	6/05/1997	1.0000	5.0000
Benzene	UG/L	3406-MW09R	10/16/1997	.9000	5.0000
Bis(2-ethylhexyl) phthalate	UG/L	3406-MW09R	1/22/1997	3.0000	50.0000
Bis(2-ethylhexyl) phthalate	UG/L	3406-MW09R	1/27/1998	9.0000	20.0000
Carbon disulfide	UG/L	3406-MW09R	3/11/1996	.2000	100.0000
Carbon disulfide	UG/L	3406-MW09R	9/17/1996	.3000	100.0000
Chloroethane	UG/L	3406-MW09R	9/14/1994	1.0000	10.0000
Chloroethane	UG/L	3406-MW09R	12/06/1994	1.0000	10.0000
Chloroethane	UG/L	3406-MW09R	1/10/1995	2.0000	10.0000
Chloroethane	UG/L	3406-MW09R	3/11/1996	7.0000	10.0000
Chloroethane	UG/L	3406-MW09R	9/17/1996	25.0000	10.0000
Chloroethane	UG/L	3406-MW09R	11/18/1996	27.0000	10.0000
Chloroethane	UG/L	3406-MW09R	1/22/1997	32.0000	10.0000
Chloroethane	UG/L	3406-MW09R	6/05/1997	16.0000	10.0000
Chloroethane	UG/L	3406-MW09R	10/16/1997	14.0000	10.0000
Chloroethane	UG/L	3406-MW09R	1/27/1998	8.0000	10.0000
Chloroethane	UG/L	3406-MW09R	7/14/1998	.5000	10.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	9/17/1996	2.0000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	1/22/1997	3.0000	5.0000

Detections are shown for constituents selected in the VOC list and all selected wells
The Limit column refers to the laboratory reporting limit

Table 1

Historical Volatile Organic Compound Detections

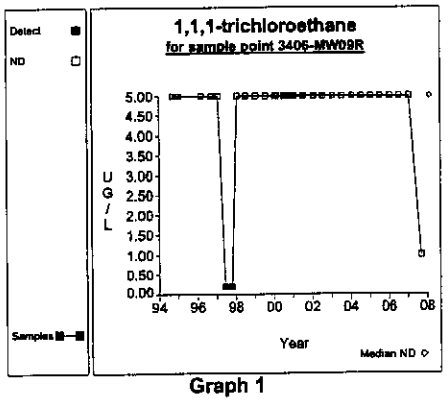
Constituent	Units	Well	Date	Result	Limit
Cis-1,2-dichloroethene	UG/L	3406-MW09R	6/05/1997	2.0000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	10/16/1997	2.0000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	1/27/1998	1.0000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	7/18/2002	6.5000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	1/21/2003	6.9000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	7/24/2003	7.5000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	1/22/2004	12.0000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	7/27/2004	12.0000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	1/19/2005	11.0000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	7/12/2005	11.0000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	1/18/2006	8.4000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	7/12/2006	6.5000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	9/12/2007	5.1000	5.0000
Dichlorodifluoromethane	UG/L	3406-MW09R	1/22/1997	2.0000	10.0000
Dichlorodifluoromethane	UG/L	3406-MW09R	1/27/1998	.7000	5.0000
Ethane	UG/L	3406-MW09R	11/21/2000	.9600	.5000
Isobutyl alcohol	UG/L	3406-MW09R	1/22/1997	30.0000	50.0000
Methane	UG/L	3406-MW09R	11/21/2000	720.0000	.5000
Methane	UG/L	3406-MW09R	11/21/2000	4100.0000	100.0000
Methyl ethyl ketone	UG/L	3406-MW09R	3/11/1996	10.0000	100.0000
Methylene chloride	UG/L	3406-MW09R	3/11/1996	.5000	10.0000
Methylene chloride	UG/L	3406-MW09R	9/17/1996	2.0000	10.0000
Methylene chloride	UG/L	3406-MW09R	1/22/1997	6.0000	10.0000
Methylene chloride	UG/L	3406-MW09R	6/05/1997	3.0000	10.0000
Methylene chloride	UG/L	3406-MW09R	10/16/1997	5.0000	10.0000
Methylene chloride	UG/L	3406-MW09R	1/27/1998	4.0000	10.0000
Methylene chloride	UG/L	3406-MW09R	7/14/1998	.3000	10.0000
Tetrachloroethene	UG/L	3406-MW09R	3/11/1996	1.0000	5.0000
Tetrachloroethene	UG/L	3406-MW09R	9/17/1996	.5000	5.0000
Tetrachloroethene	UG/L	3406-MW09R	1/22/1997	1.0000	5.0000
Tetrachloroethene	UG/L	3406-MW09R	6/05/1997	1.0000	5.0000
Tetrachloroethene	UG/L	3406-MW09R	10/16/1997	1.0000	5.0000
Tetrachloroethene	UG/L	3406-MW09R	1/27/1998	.6000	5.0000
Tetrachloroethene	UG/L	3406-MW09R	7/14/1998	.3000	5.0000
Toluene	UG/L	3406-MW09R	9/17/1996	.6000	5.0000
Toluene	UG/L	3406-MW09R	1/22/1997	2.0000	5.0000
Toluene	UG/L	3406-MW09R	6/05/1997	4.0000	5.0000
Total xylenes	UG/L	3406-MW09R	9/17/1996	1.0000	5.0000
Total xylenes	UG/L	3406-MW09R	1/22/1997	2.0000	5.0000
Trichloroethene	UG/L	3406-MW09R	3/11/1996	.5000	5.0000
Trichloroethene	UG/L	3406-MW09R	9/17/1996	1.0000	5.0000
Trichloroethene	UG/L	3406-MW09R	1/22/1997	2.0000	5.0000
Trichloroethene	UG/L	3406-MW09R	6/05/1997	1.0000	5.0000
Trichloroethene	UG/L	3406-MW09R	10/16/1997	2.0000	5.0000
Trichloroethene	UG/L	3406-MW09R	1/27/1998	2.0000	5.0000
Trichloroethene	UG/L	3406-MW09R	7/14/1998	.2000	5.0000
Vinyl chloride	UG/L	3406-MW09R	3/11/1996	.5000	10.0000
Vinyl chloride	UG/L	3406-MW09R	9/17/1996	1.0000	10.0000
Vinyl chloride	UG/L	3406-MW09R	1/22/1997	2.0000	10.0000
Vinyl chloride	UG/L	3406-MW09R	6/05/1997	1.0000	10.0000
Vinyl chloride	UG/L	3406-MW09R	10/16/1997	1.0000	10.0000
Vinyl chloride	UG/L	3406-MW09R	1/27/1998	.6000	10.0000
Chloromethane	UG/L	3406-MW10	3/05/1996	.8000	10.0000
Acetone	UG/L	3406-MW11	3/11/1996	8.0000	100.0000
Acetone	UG/L	3406-MW11D	12/07/1994	110.0000	34.0000
Chloromethane	UG/L	3406-MW12D	11/18/1994	.9000	10.0000
Chloromethane	UG/L	3406-MW12D	12/06/1994	.6000	10.0000
Methylene chloride	UG/L	3406-MW12D	7/16/1998	.2000	10.0000

Detections are shown for constituents selected in the VOC list and all selected wells
The Limit column refers to the laboratory reporting limit

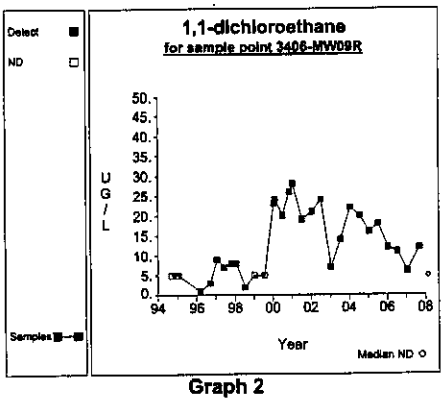
Piedmont [voc]

Analysis prepared on October 2007

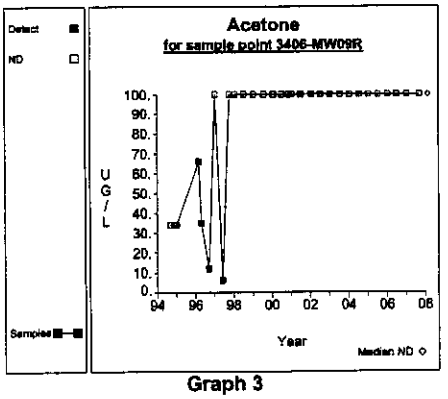
Time Series



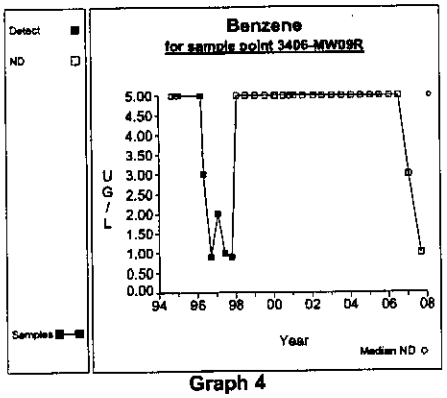
Graph 1



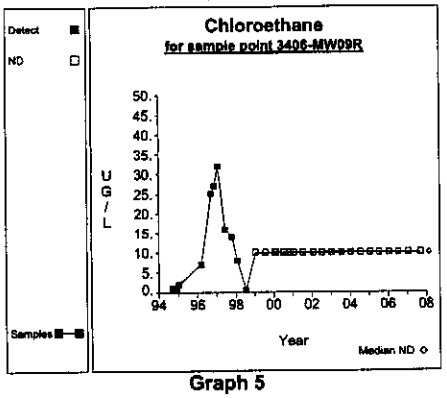
Graph 2



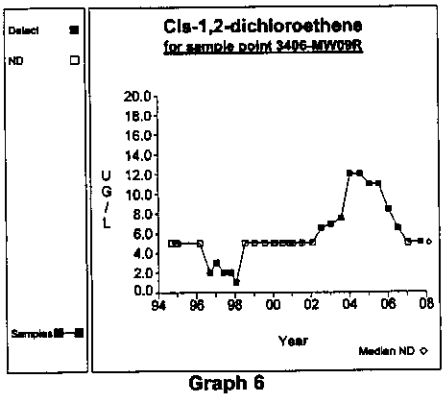
Graph 3



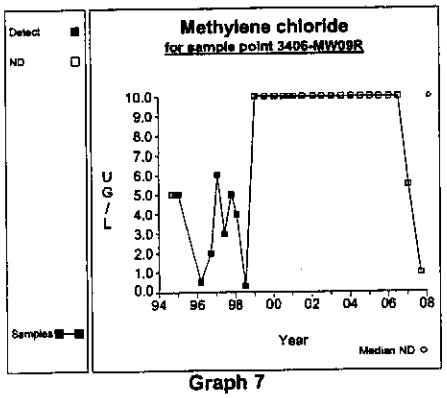
Graph 4



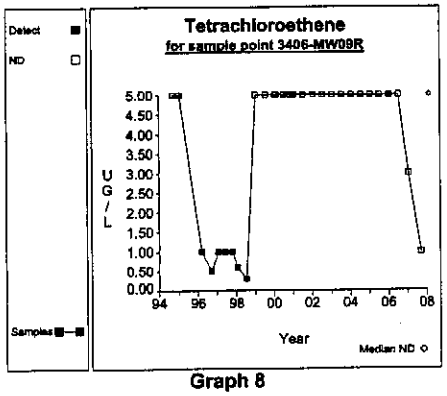
Graph 5



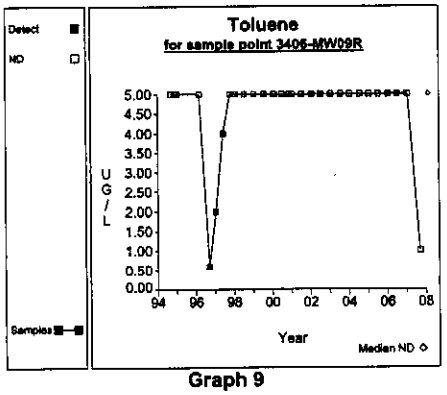
Graph 6



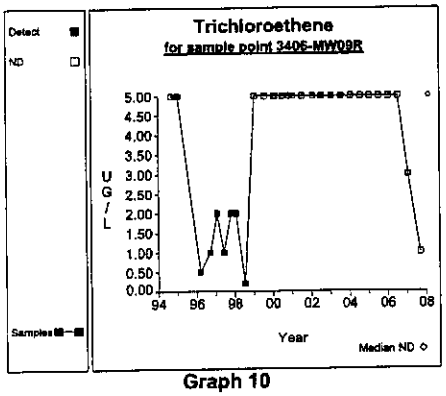
Graph 7



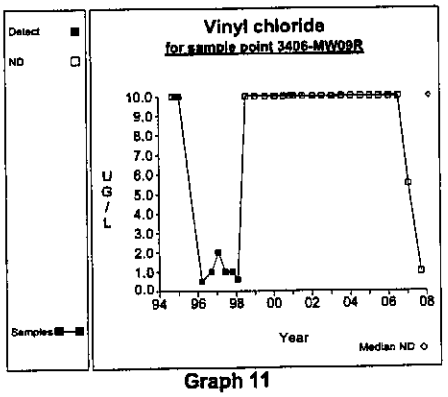
Graph 8



Graph 9



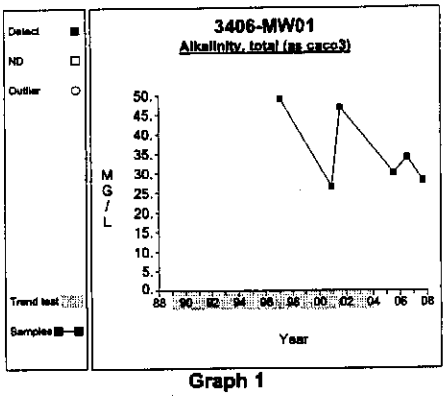
Graph 10



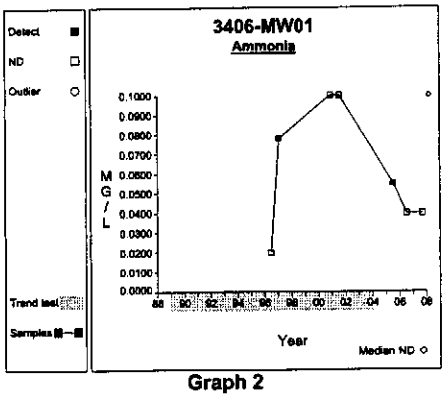
Graph 11

Prepared by: Otter Creek Environmental

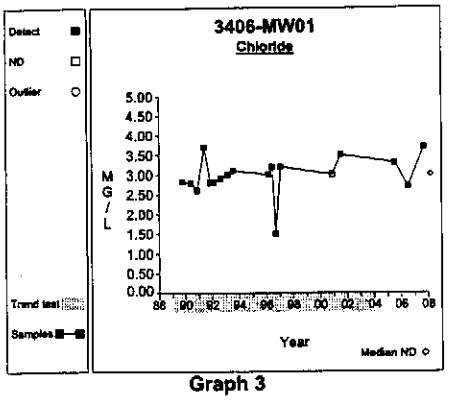
Time Series



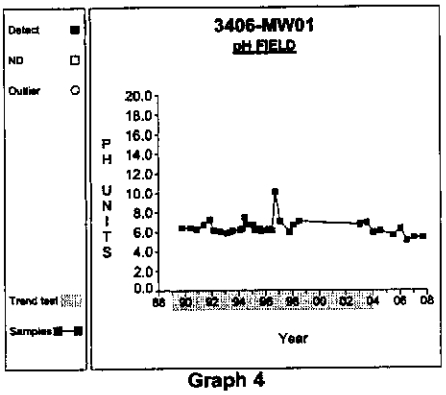
Graph 1



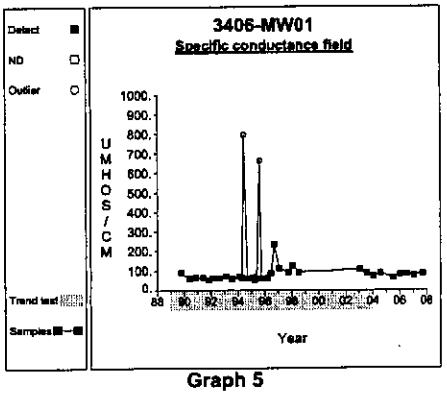
Graph 2



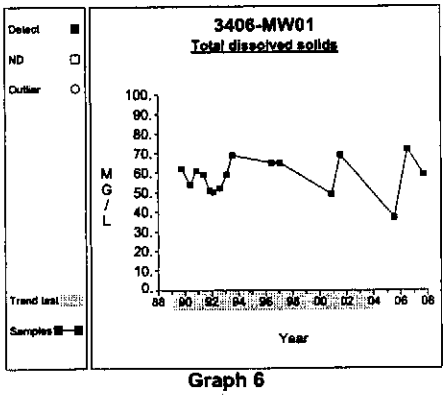
Graph 3



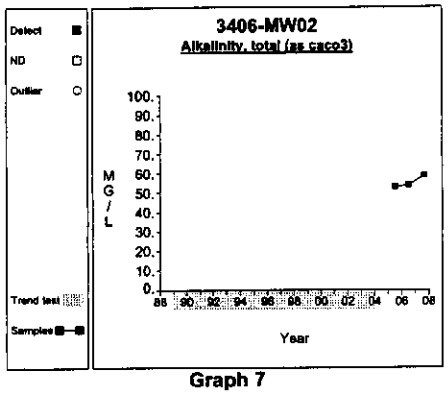
Graph 4



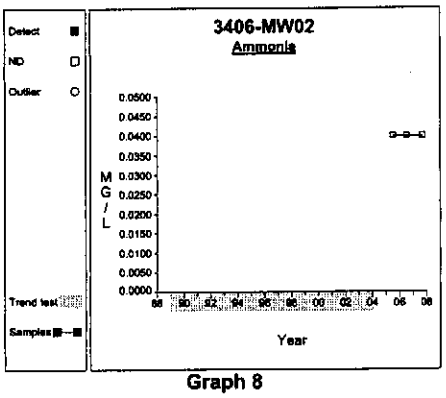
Graph 5



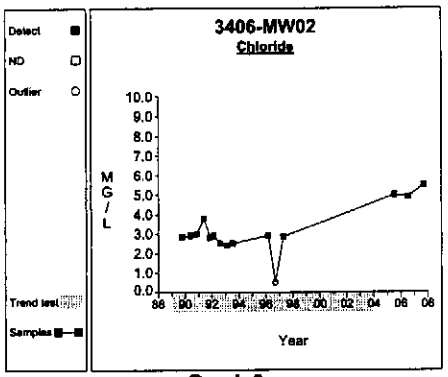
Graph 6



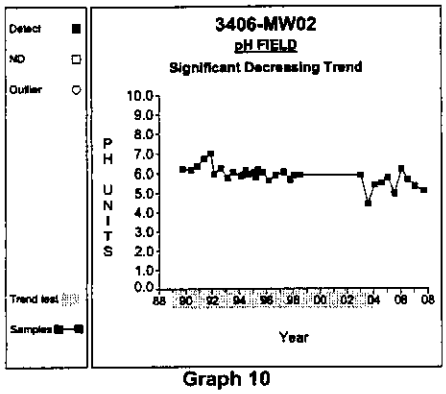
Graph 7



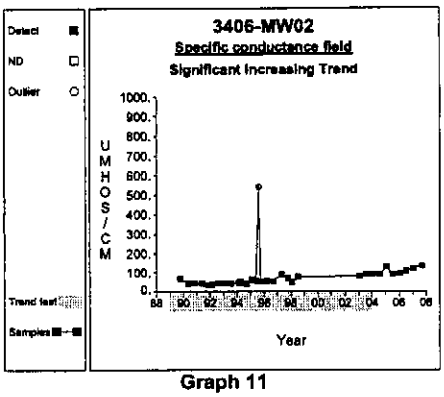
Graph 8



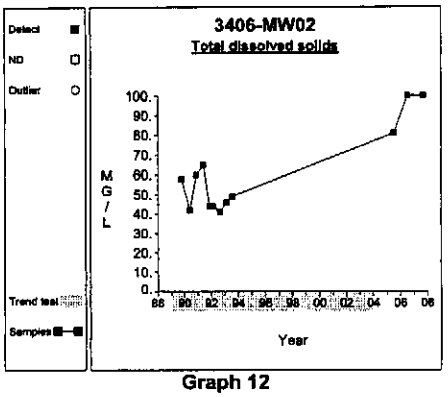
Graph 9



Graph 10

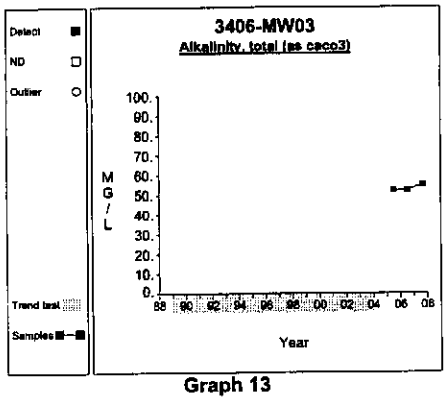


Graph 11

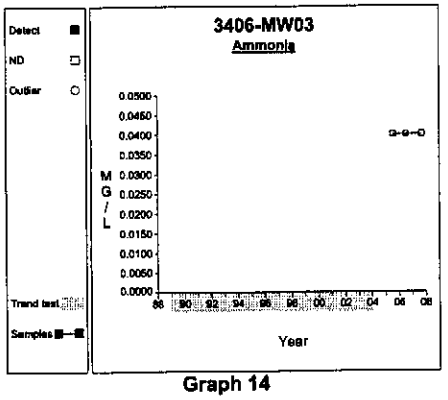


Graph 12

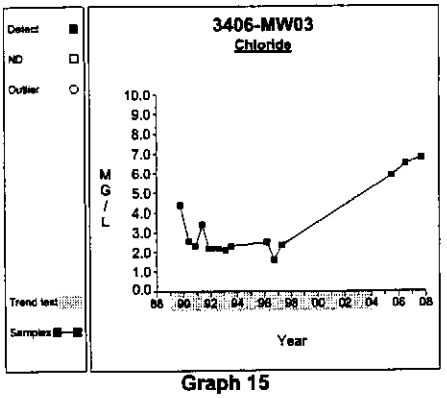
Time Series



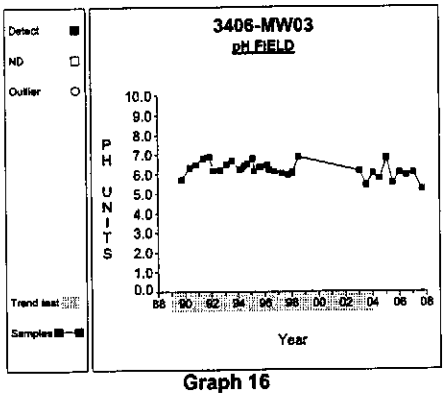
Graph 13



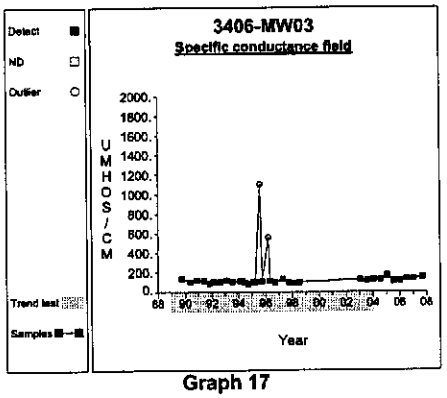
Graph 14



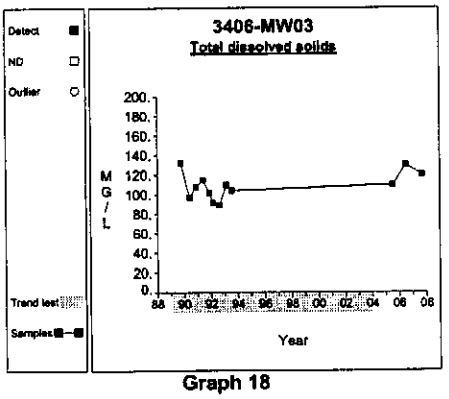
Graph 15



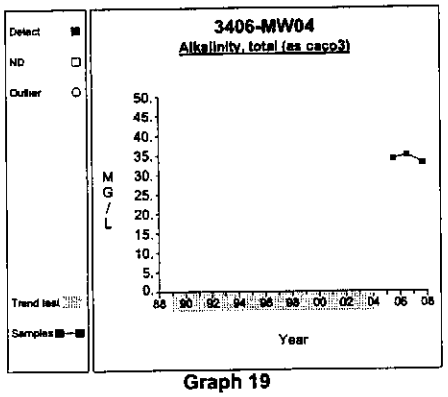
Graph 16



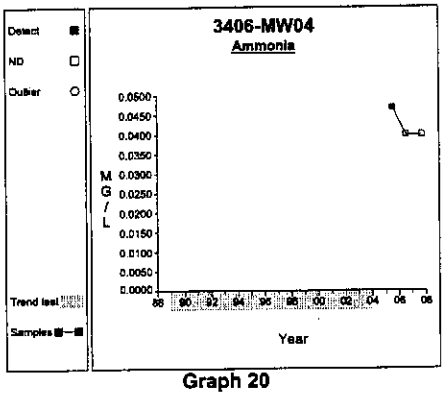
Graph 17



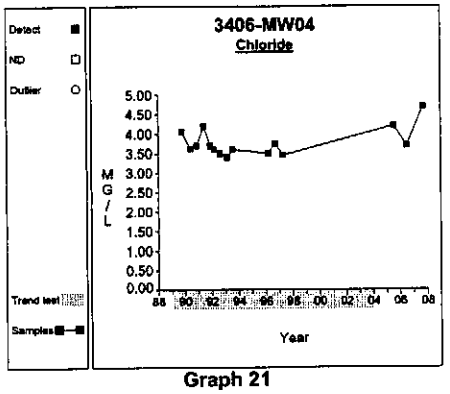
Graph 18



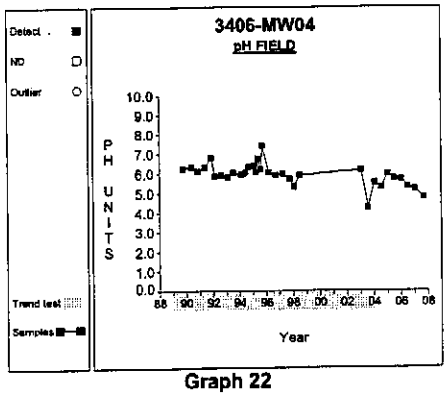
Graph 19



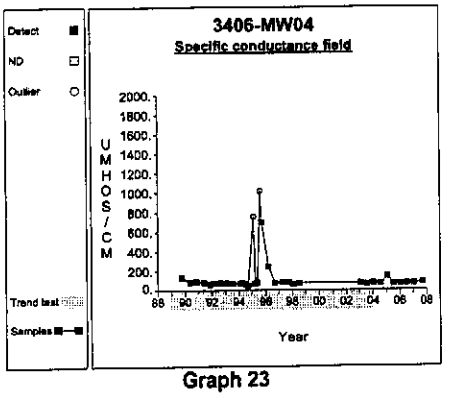
Graph 20



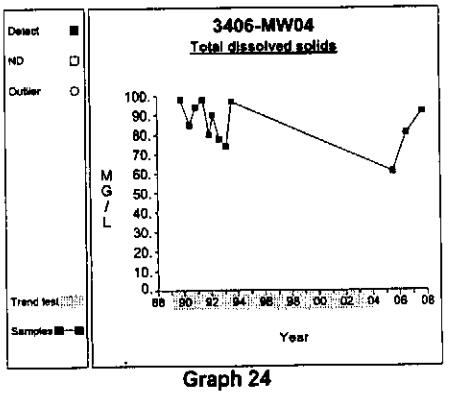
Graph 21



Graph 22

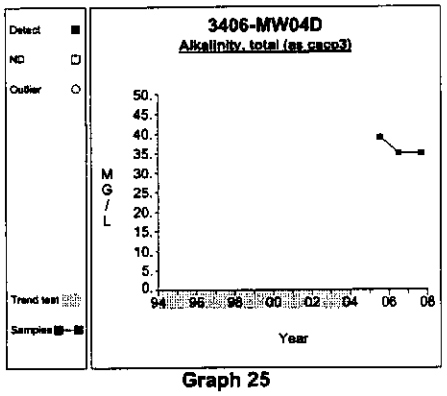


Graph 23

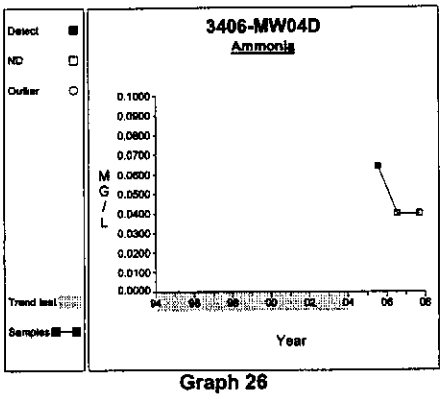


Graph 24

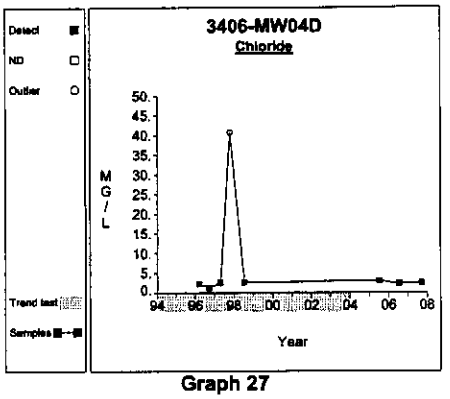
Time Series



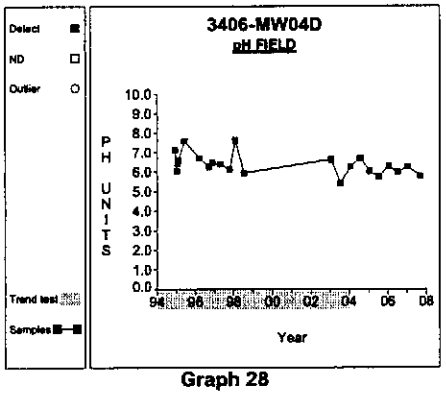
Graph 25



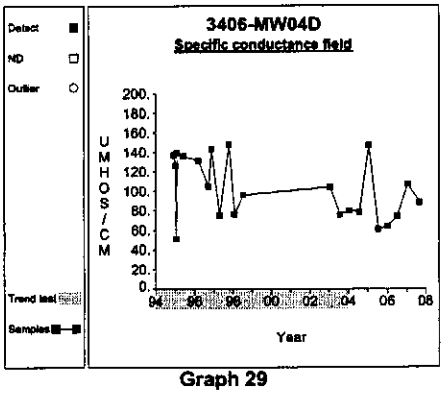
Graph 26



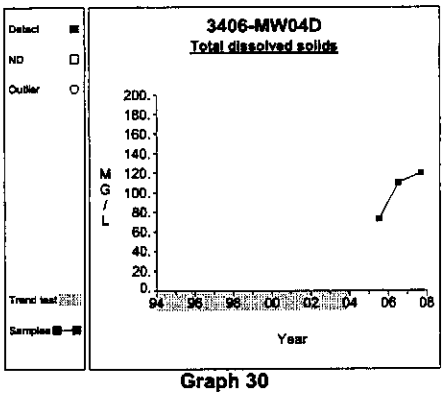
Graph 27



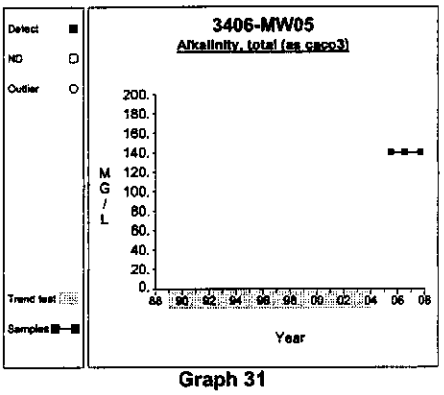
Graph 28



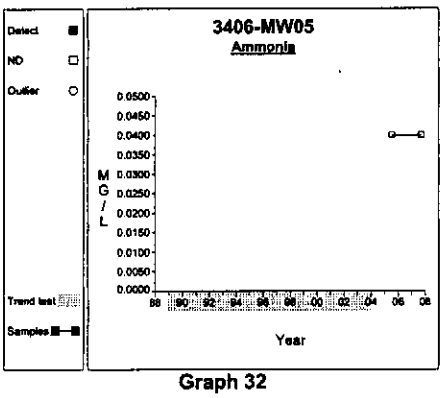
Graph 29



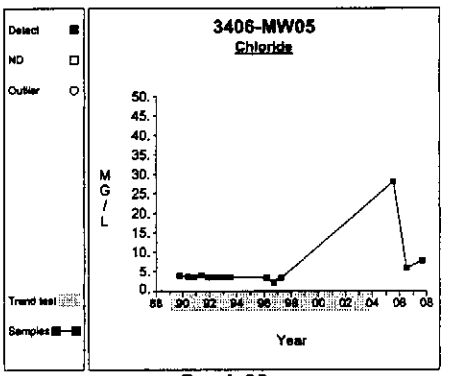
Graph 30



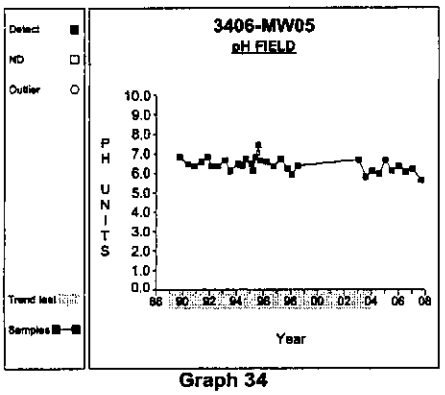
Graph 31



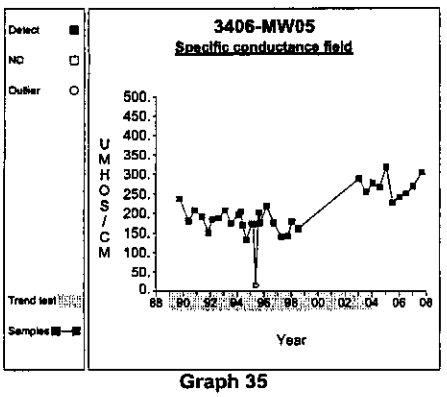
Graph 32



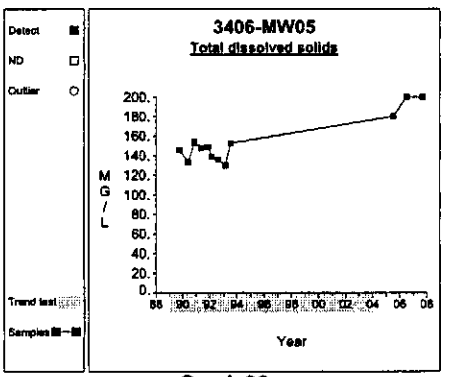
Graph 33



Graph 34

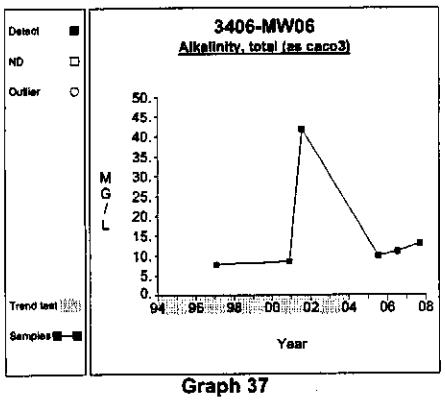


Graph 35

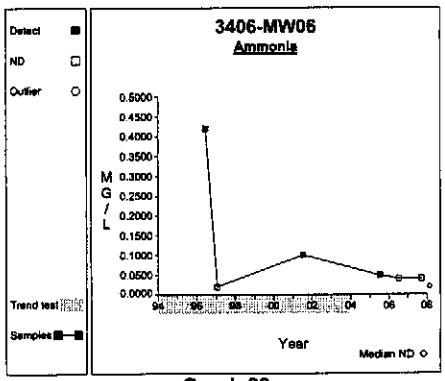


Graph 36

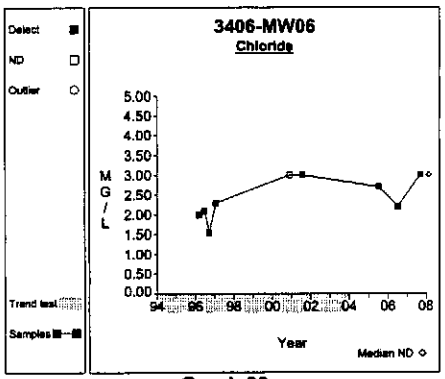
Time Series



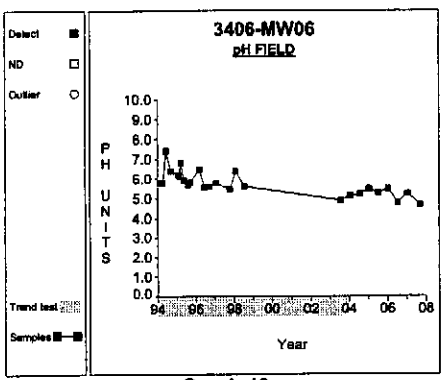
Graph 37



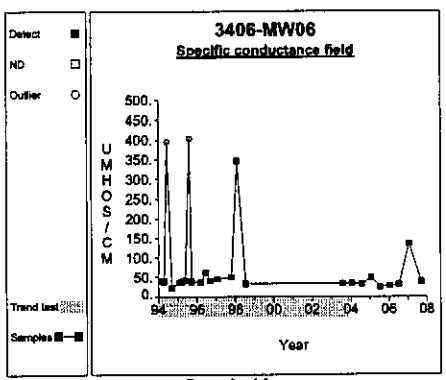
Graph 38



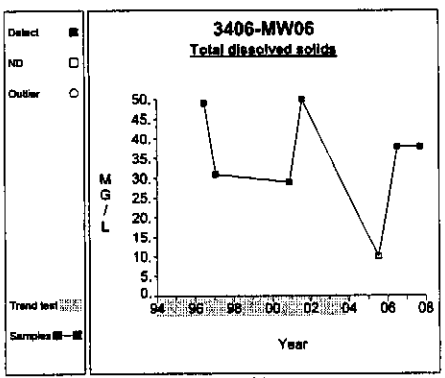
Graph 39



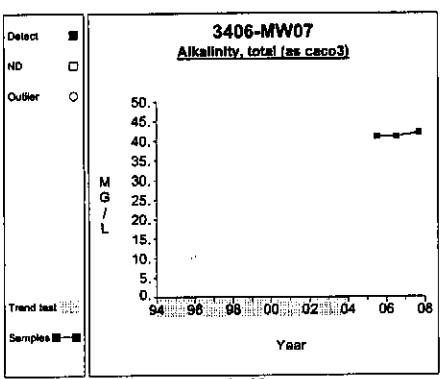
Graph 40



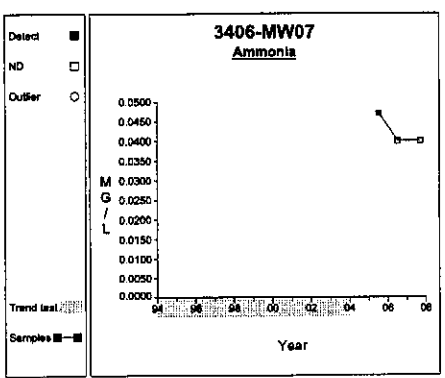
Graph 41



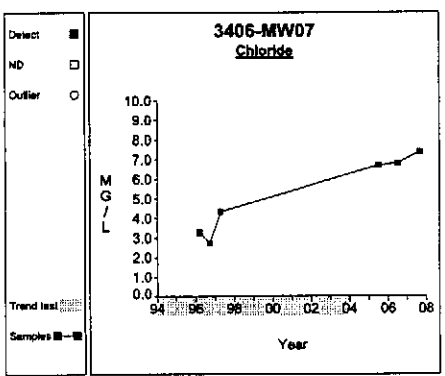
Graph 42



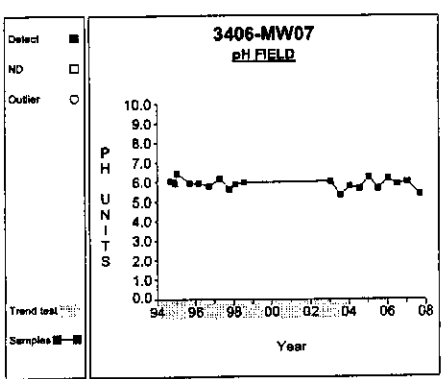
Graph 43



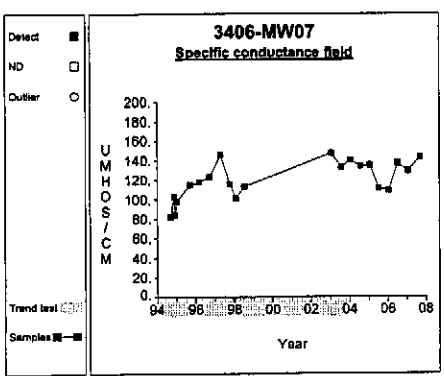
Graph 44



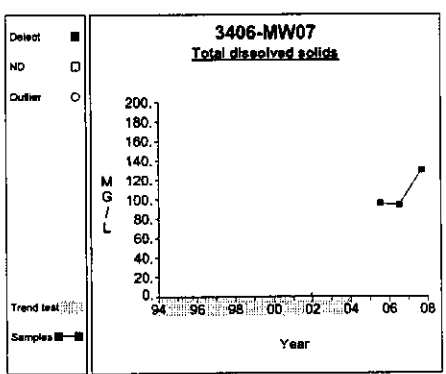
Graph 45



Graph 46

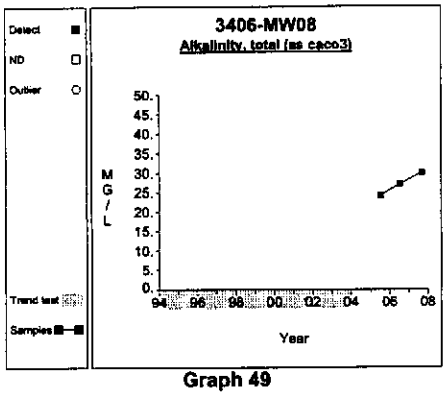


Graph 47

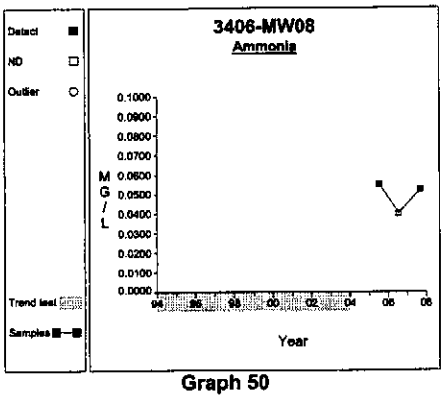


Graph 48

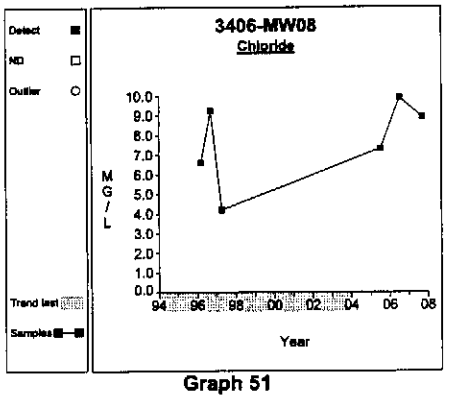
Time Series



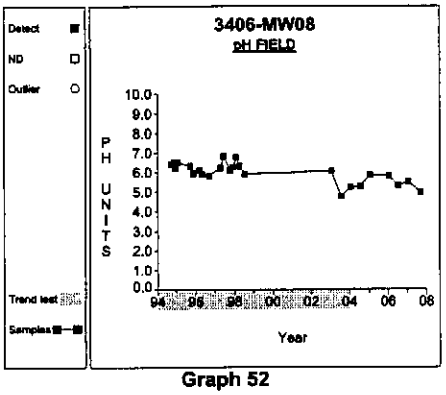
Graph 49



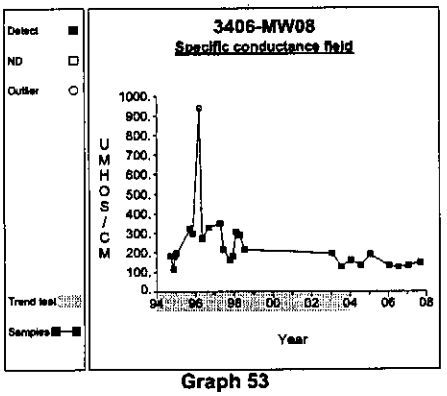
Graph 50



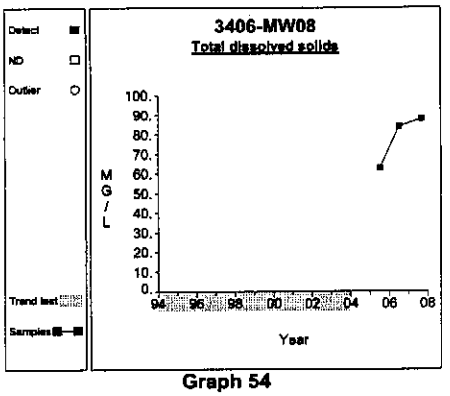
Graph 51



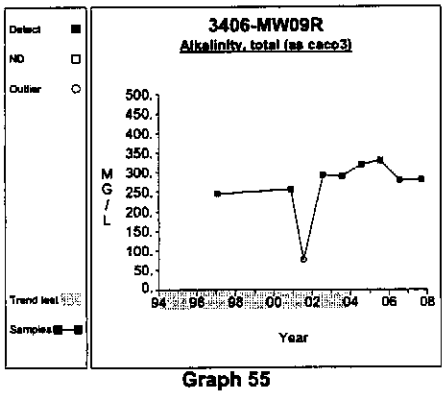
Graph 52



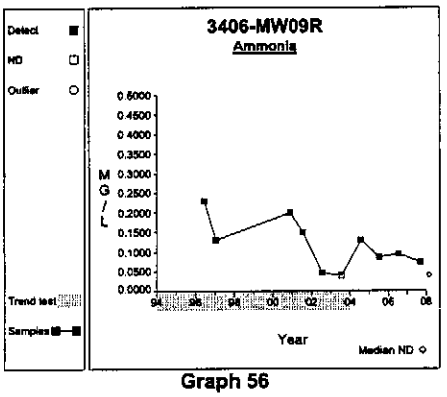
Graph 53



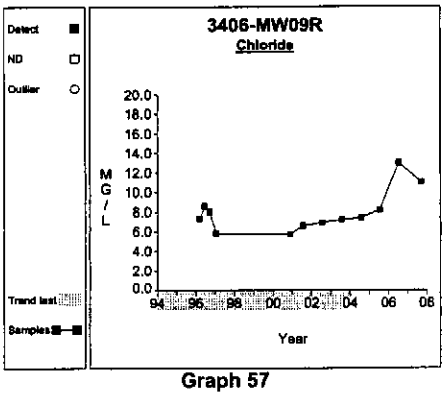
Graph 54



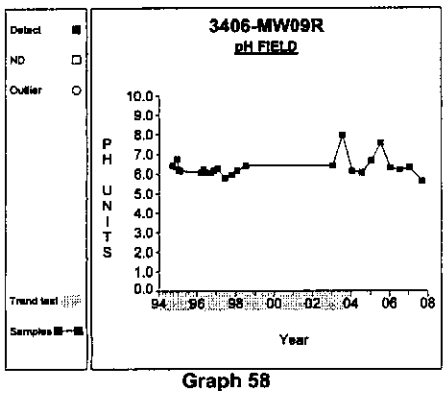
Graph 55



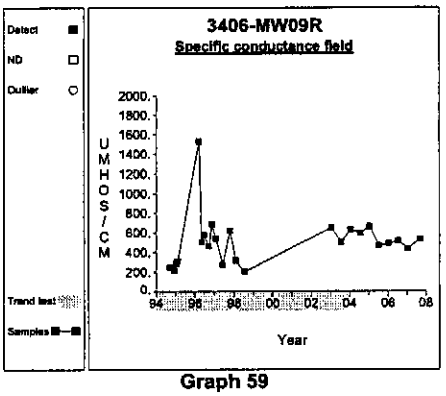
Graph 56



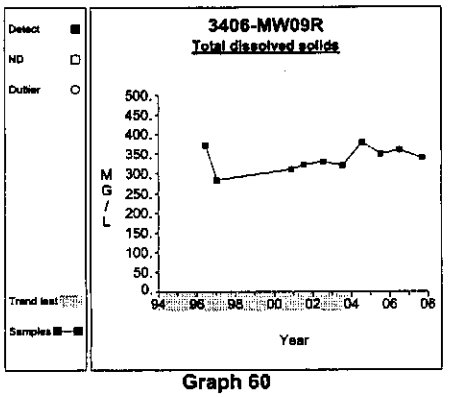
Graph 57



Graph 58

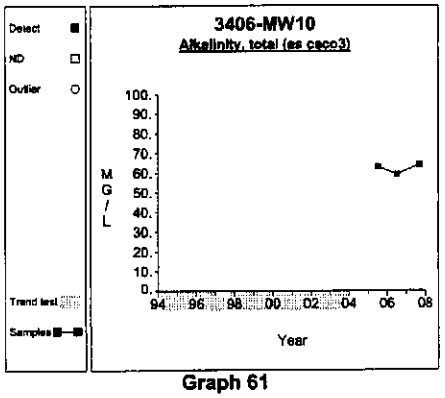


Graph 59

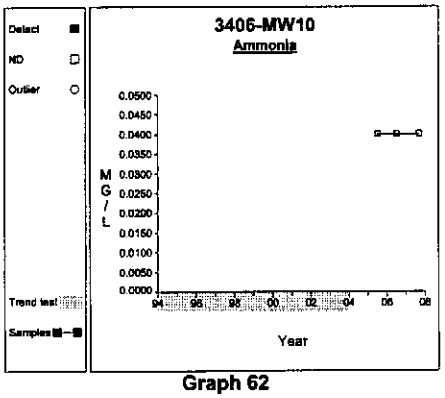


Graph 60

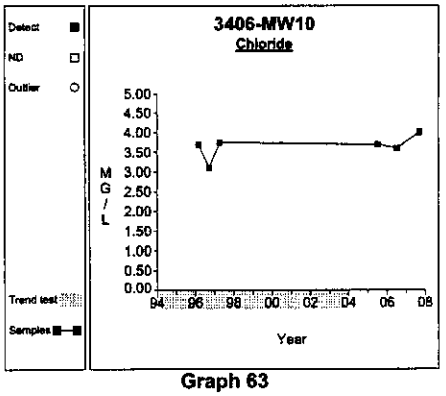
Time Series



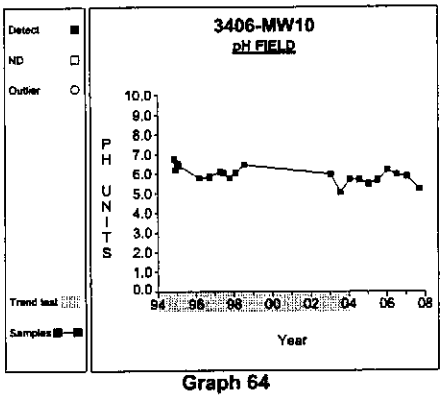
Graph 61



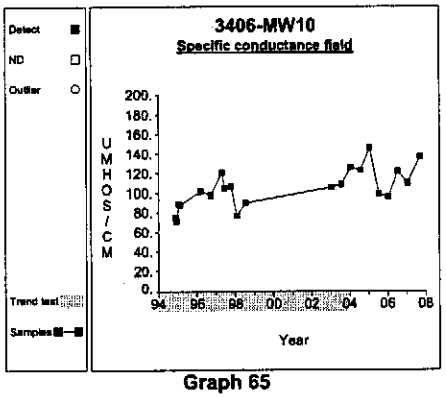
Graph 62



Graph 63



Graph 64



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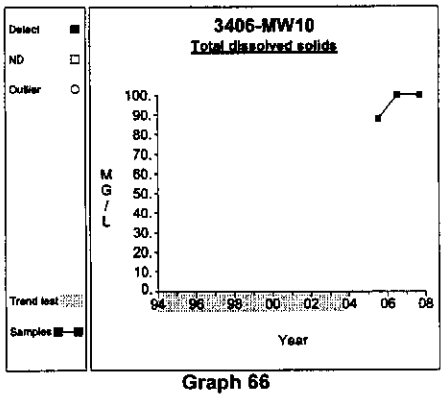

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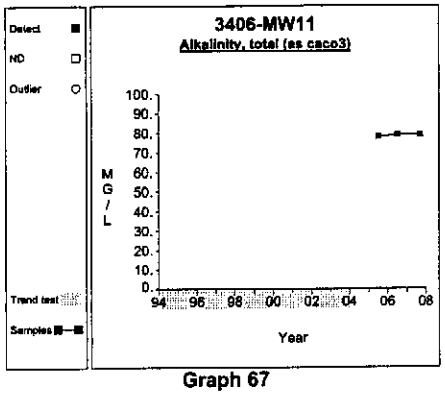

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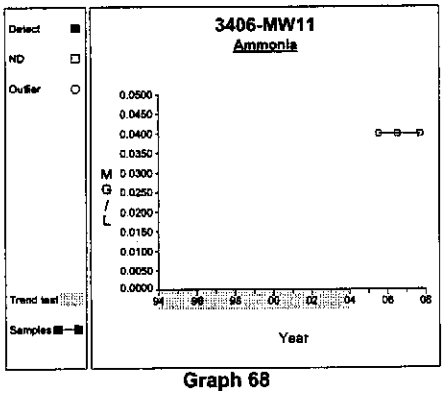
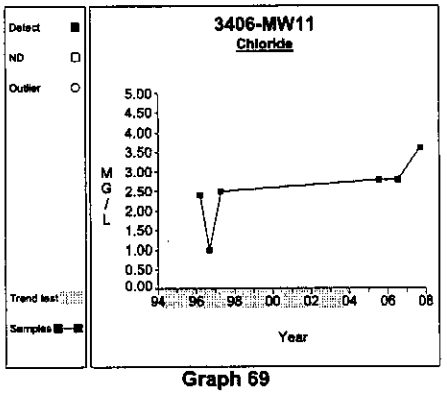
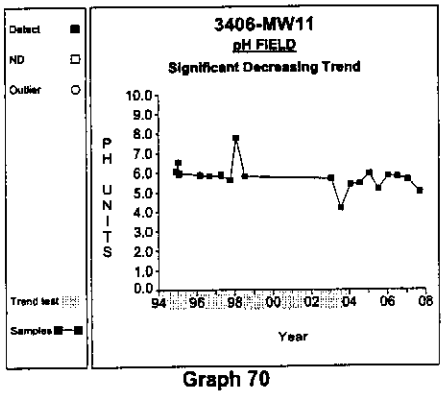


Graph 68



Graph 69



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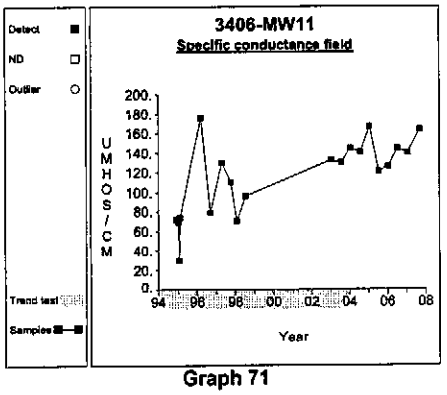
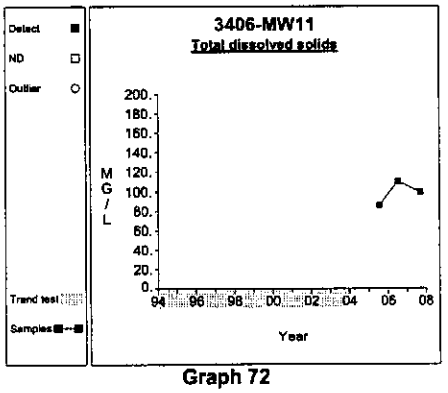
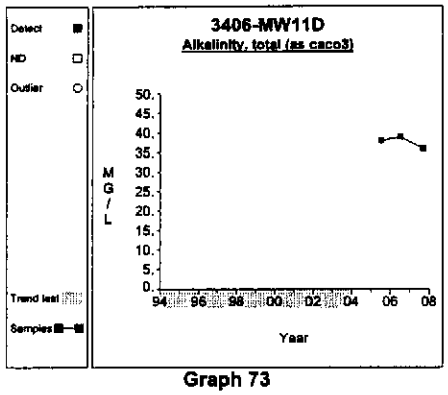


Graph 71

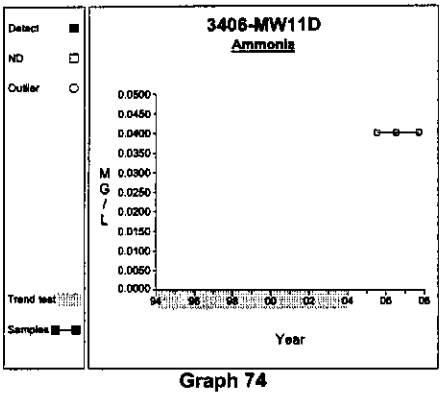


Graph 72

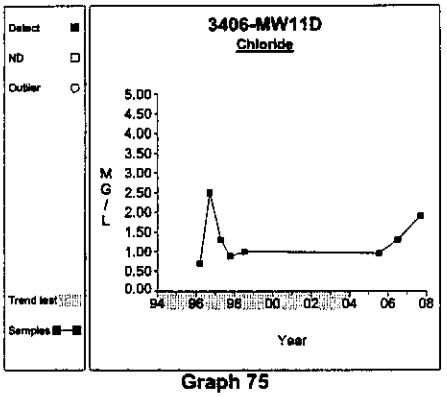
Time Series



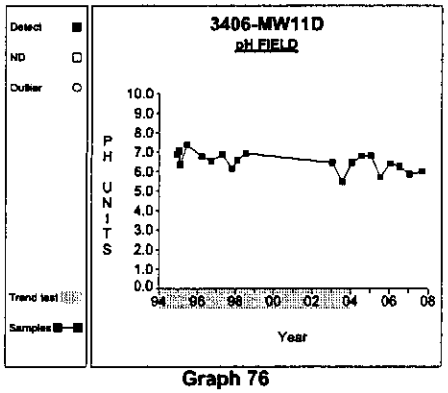
Graph 73



Graph 74



Graph 75



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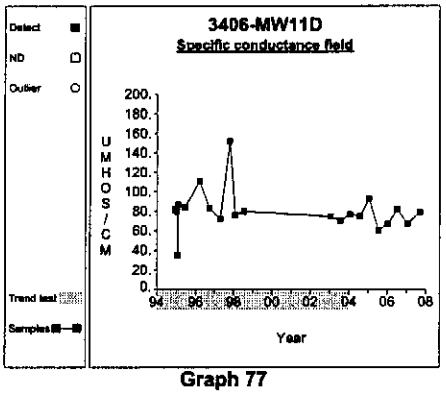

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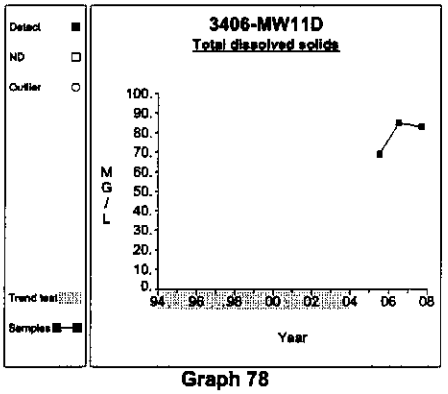
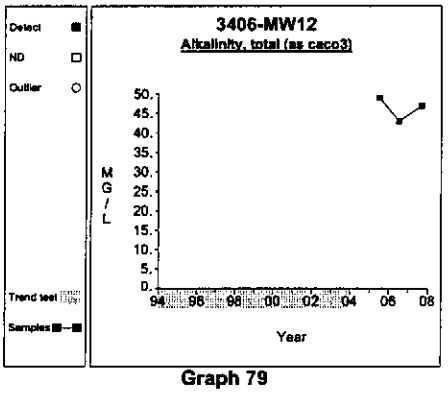


Graph 78



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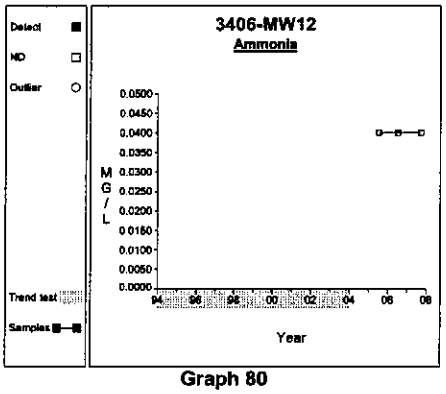
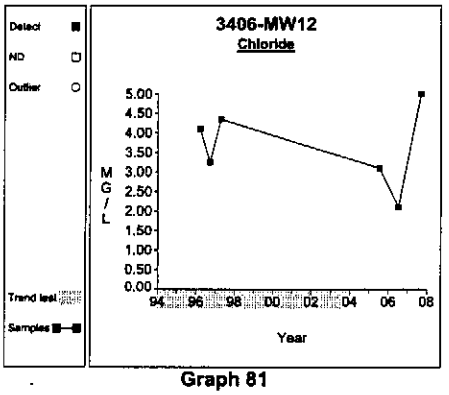
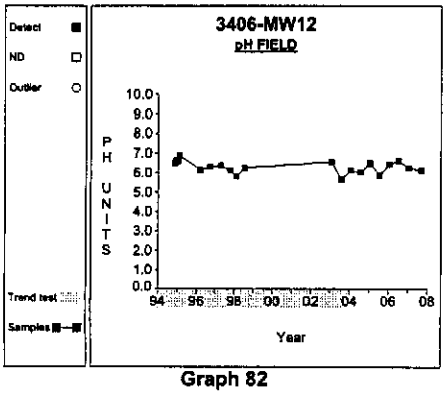


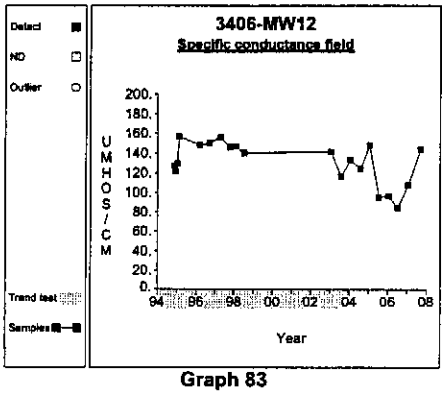
Graph 80



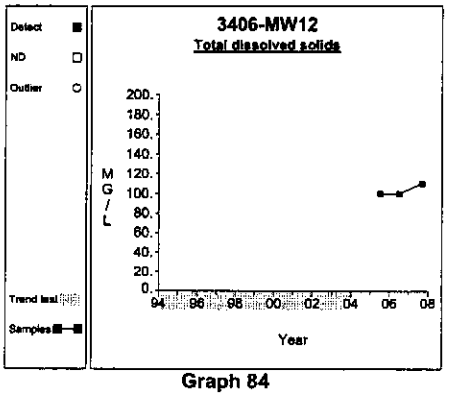
Graph 81



Graph 82

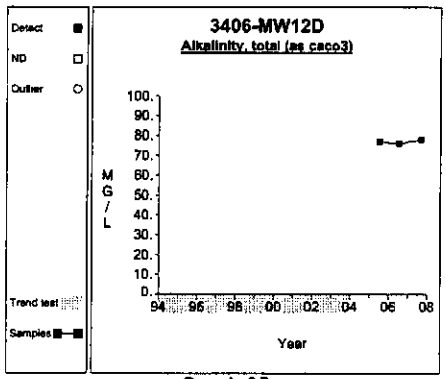


Graph 83



Graph 84

Time Series



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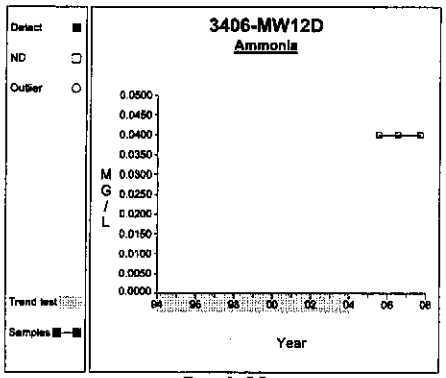

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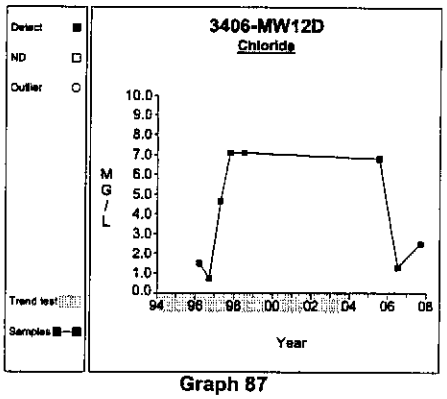

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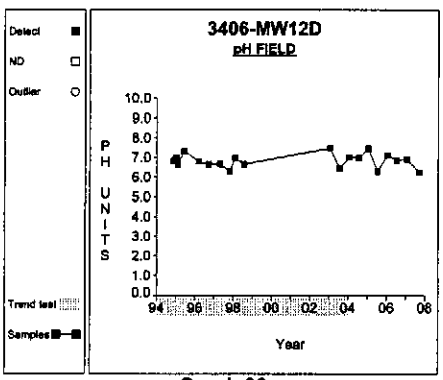
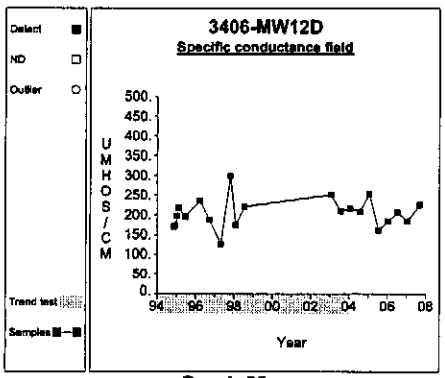
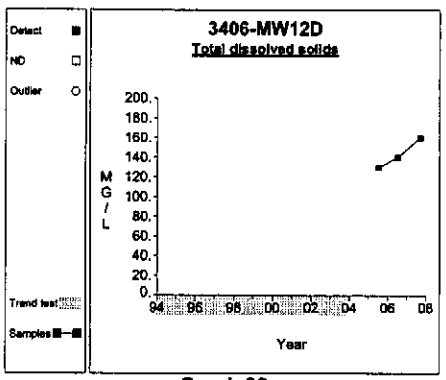


Graph 88



Graph 89



Graph 90

APPENDIX 3

GROUNDWATER FLOW REGIME REPORT

Piedmont Landfill & Recycling Center

Permit 34-06

Appendix 3: Groundwater Flow Regime Report – September 2007

On behalf of Waste Management we have reviewed groundwater flow rates and flow directions at the Piedmont Landfill for the second semiannual sampling event of 2007 groundwater sampling event. The groundwater flow and direction calculations presented in this report are based on groundwater elevation data obtained by ProTech during the sampling event performed on September 12-13, 2007. The information provided in this report will satisfy, in part, the environmental reporting requirements of Piedmont Landfill's Municipal Solid Waste Permit.

The groundwater level measurements taken during the above referenced sampling event were used to construct the groundwater surface contour map attached to this report as *Drawing No. 1*. A summary of groundwater elevations obtained during this and previous sampling events is provided in *Table 2*. The potentiometric contours and the groundwater flow directions presented in *Drawing No. 1* were used to calculate hydraulic gradients for the site. The hydraulic gradient calculations are provided in *Table 3*. The hydraulic gradients (**i**) ranged from 0.022 ft/ft to 0.025 ft/ft. These gradients are generally consistent with past interpretations for the site.

An effective porosity value (**n**) of 41 percent was used in the equation based on an average of six laboratory-derived porosities as reported in the April 1994 *Design Hydrogeologic Study*, prepared by RUST Environment & Infrastructure. Hydraulic conductivities (**K**) were also taken from the *Design Hydrogeologic Study*, and were based on slug test data from piezometers originally located nearest the respective groundwater flow paths. Using these data, the average linear flow velocity (**V**) across the site was estimated using the following modified Darcy equation: $\mathbf{V = i\,K/n}$

The groundwater flow rates for September 2007 were on average approximately 12.8 feet/year. The flow rates were calculated as follows: Segment i_1 was 18.47 feet/year to the north-northwest; Segment i_2 was 9.28 feet/year to the northwest; and Segment i_3 was 10.68 feet/year to the west. As shown on the groundwater surface contour map, groundwater flow at the site is generally west to northwest. These groundwater flow directions and velocities are consistent with those calculated during other recent events.

In summary, the groundwater measurements obtained during the September 2007 event are generally consistent with those obtained during previous sampling events. Based on this information, it is our opinion that the groundwater monitoring system continues to be adequate for the detection of the release of solid waste constituents to the environment.

Piedmont Landfill & Recycling Center
Groundwater Flow Regime Report – September 2007

Prepared by:

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NORTH CAROLINA LICENSED SEAL 1349 G. VAN NESS BURBACH GEOLOGIST

Prepared by: _____
G. Van Ness Burbach, Ph.D., P.G.

Attachments: Drawing No. 1 – Groundwater Surface Contour Map
Table 2 – Summary of Monitoring Well Water Levels
Table 3 – Groundwater Flow Rate Calculations

TABLE 2

Piedmont Landfill and Recyling Center, WM Site 134
SUMMARY OF MONITORING WELL WATER LEVELS
September 2007

DATA	MONITORING WELL WATER LEVEL ELEVATIONS															
Well No.:	**MW-01**	**MW-02**	**MW-03**	**MW-04**	**MW-04D**	**MW-05**	**MW-06**	**MW-07**	**MW-08**	**MW-09**	**MW-09R**	**MW-10**	**MW-11**	**MW-11D**	**MW-12**	**MW-12D**
Well TOC Elevation:	**823.93**	**778.04**	**770.08**	**756.92**	**757.33**	**743.17**	**800.82**	**771.57**	**748.95**	**770.62**	**764.95**	**777.2**	**776.8**	**776.36**	**751.48**	**751.53**
Well Depth:	**49**	**25.5**	**38**	**27**	**62**	**20.5**	**29.6**	**31.3**	**18.8**	**35**	**42.95**	**38**	**35**	**93.5**	**18**	**43.3**
30-Jan-1998	781.82	750.71	746.26	745.46	745.46	738.49	779.84	744.32	744.30	737.47	NA	744.42	749.08	747.66	746.58	747.05
21-Jul-1998	784.78	750.06	746.76	743.92	743.78	737.14	781.04	745.07	741.20	738.96	NA	744.35	748.95	748.58	745.88	746.11
14-Jan-1999	780.98	749.16	744.91	744.27	744.16	737.60	777.86	743.57	742.68	736.62	NA	743.63	748.09	747.74	745.93	746.11
27-Jul-1999	780.48	749.08	744.86	743.26	743.28	734.04	777.52	743.92	740.53	737.12	NA	743.62	748.05	747.75	745.53	745.68
20-Jan-2000	780.30	748.51	744.83	744.77	744.43	737.82	777.27	743.87	743.18	NA	737.14	743.90	748.36	747.97	746.28	746.53
12-Jul-2001	780.10	748.73	745.30	742.88	743.06	737.08	776.81	744.25	740.40	NA	738.12	743.66	747.77	747.44	745.45	745.71
24-Jan-2001	778.93	748.91	744.43	744.69	744.73	737.72	775.84	743.40	743.41	NA	737.35	743.49	747.85	747.54	746.06	746.54
17,18-Jul-2001	779.59	748.41	744.61	742.72	742.78	736.76	776.08	743.92	739.99	NA	737.77	743.35	749.45	747.09	745.45	745.40
30,31-Jan-2002	777.29	748.14	743.08	743.09	743.49	737.37	773.72	742.57	742.17	NA	736.40	742.74	747.35	747.03	745.14	742.42
17,18-Jul-2002	776.47	747.29	742.88	741.80	741.93	736.48	772.97	742.57	738.97	NA	735.86	742.30	746.54	746.21	744.27	744.44
20,21-Jan-2003	777.12	748.14	745.45	743.87	743.96	737.40	775.08	744.06	742.51	NA	738.06	743.60	748.05	746.57	745.50	745.92
23,24-Jul-2003	782.10	749.48	748.08	743.92	743.83	738.07	778.39	745.53	742.74	NA	741.80	744.60	748.40	748.16	745.83	746.08
21,22-Jan-2004	781.75	748.89	746.57	743.77	743.84	737.36	778.02	744.37	742.30	NA	739.10	743.91	747.86	747.47	745.87	746.07
27,28-Jul-2004	780.80	748.24	745.18	742.27	742.43	736.77	776.65	743.96	739.65	NA	738.45	743.37	747.26	746.96	745.03	745.31
19,20-Jan-2005	780.38	749.11	745.43	744.35	744.37	737.97	777.46	744.56	743.35	NA	739.05	744.95	748.39	747.75	746.02	746.39
11,12,13-Jul-2005	780.55	748.59	744.82	742.81	742.87	735.22	777.51	744.96	740.87	NA	739.20	744.51	747.60	747.26	745.21	745.43
16,17,18-Jan-2006	778.76	748.58	744.75	744.03	744.13	737.77	776.53	744.19	743.40	NA	737.95	744.21	747.70	747.36	745.73	746.09
10,11,12-Jul-2006	779.27	748.17	744.47	743.69	743.58	737.39	776.09	744.08	741.90	NA	738.07	744.00	747.05	746.76	745.51	745.77
22, 23, 24-Jan-2007	781.16	749.52	745.64	744.30	744.30	738.22	778.37	745.67	743.79	NA	739.33	745.14	748.40	747.94	745.95	746.33
12,13-Sept-2007	781.71	747.84	743.58	741.65	741.58	736.57	773.75	744.06	738.53	NA	737.60	743.15	746.70	746.26	744.48	744.44

Notes:
1. All depths were measured from the top of the PVC casing (TOC).
2. TOC = Top of PVC casing (stick-up).
3. TOC elevation for MW-02 is revised; improvements were made to the well in July 2001 prior to sampling.
4. All water level elevations are reported in feet above mean sea level.
5. NA = not available

TABLE 3
Piedmont Landfill and Recyling Center
GROUNDWATER FLOW RATE CALCULATIONS
September 2007

GRADIENT CALCULATION SEGMENT	HYDRAULIC CONDUCTIVITY (K, cm/s)	EFFECTIVE POROSITY (n, unitless)	FLOW SEGMENT LENGTH (ft)	FLOW DIRECTION	September 12-13, 2007		
					Elevation (ft AMSL)	Gradient (i, ft/ft)	Velocity (V, ft/yr)
i_1	2.90E-04	0.41	1190	NNW	775 / 745	0.025	18.47
i_2	1.70E-04	0.41	1157	NW	775 / 750	0.022	9.28
i_3	1.70E-04	0.41	1206	W	775 / 745	0.025	10.68
					AVERAGES:	0.024	12.81

Note:

1. An effective porosity ("n") of 41% was based on average laboratory-derived porosity as reported in the April 1994 Design Hydrogeologic Study, prepared by RUST Environment & Infrastructure.
2. Hydraulic conductivities ("K") were also taken from the Design Hydrogeologic Study, and were based on slug test data from piezometers originally located nearest the respective groundwater flow paths.
3. $V = i K / n$
4. Refer to associated letter for further explanation of flow rate calculations.