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

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

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

Instructions:

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

Solid Waste Monitoring Data Submittal Information

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

Waste Management

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 & Recycling Center	9900 Freeman Rd. Kernersville, NC	34-06	.1600	March 10-11, 2009

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 or explosive methane gas limits 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.

Alexander Lacsamana, PE — Manager-Closed Sites — (770) 805-3366

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

Affix NC Licensed/ Professional Geologist Seal

Signature — Date 5/6/09

Revised 10/2006

WASTE MANAGEMENT

WASTE MANAGEMENT
1000 Parkwood Circle
Suite 700
Atlanta, GA 30339

May 06, 2009

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

RECEIVED
MAY 7 2009
SOLID WASTE SECTION

RE: 1st 2009 Semiannual Detection & Assessment Groundwater Monitoring Event
Piedmont Landfill and Recycling Center, Kernersville, North Carolina
Permit Number 34-06 (JEI Project No. 392.00, Task 80)

Dear Ms. Drummond:

Please find enclosed one original copy of the report documenting the First Semiannual Detection and Assessment Groundwater Monitoring Event of 2009 for the above referenced facility. Included with the report are an Environmental Monitoring Reporting Form and a CD with the laboratory data in electronic format. Samples were collected by Professional Technical Support Services (ProTech) on March 10-11, 2009. A resampling event was conducted by Joyce Engineering on April 8, 2009. All samples were transported to the Test America, Inc. laboratory in Denver, Colorado for analysis.

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

There were no confirmed statistically significant increases (SSIs) of any NCSWMR Appendix I or II constituents detected for this site during the first semiannual sampling event of 2009. Initial SSIs for vinyl chloride in monitoring well MW-02 and toluene in MW-04D were refuted by the results of the resampling event. A copy of this report will be placed into the site's operating record in accordance with Rule .1633(c)(1) of the NCSWMR.

From everyday collection to environmental protection, Think Green.® Think Waste Management.

Printed on 100% post-consumer recycled paper.

The next sampling event for the Piedmont Landfill and Recycling Center is scheduled for the third quarter of 2009. If you have any questions or concerns regarding this report, please call me at (770) 805-3366.

Sincerely,
Waste Management of Carolinas, Inc.

Alexander Lacsamana, P.E.
District Manager, Closed Sites

Enclosure

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

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

May 6, 2009

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

RE: First Semiannual Groundwater Monitoring Report of 2009
Piedmont Landfill & Recycling Center
Permit Number 34-06
JEI Project No. 392.00, Task 80

Dear Al,

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 first semiannual groundwater monitoring event of 2009. 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 March 10-11, 2009 by Pro-Tech. During this semiannual event, the site compliance wells and surface water monitoring points were sampled and analyzed for the NC Appendix I list of constituents. The site leachate was also sampled during this event for the required list of parameters. A resampling event for vinyl chloride in MW-02 and toluene in MW-4D was conducted on April 8, 2009. The laboratory analytical reports, field data sheets, and chains of custody are provided as *Appendix A* 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-9 after volatile organic constituents were detected in MW-9 during the second semiannual event of 1996. Two organic compounds (chloroethane and 1,1-dichloroethane) were historically detected in monitoring well MW-9. Chloroethane exhibited a declining trend to the point where cholorethane was reported at less than the laboratory reporting limit during the January 1998 sampling event. The concentration of 1,1-dichloroethane in MW-9 also decreased below the laboratory reporting limit during the July 1998 sampling event.

Following 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).

Monitoring well MW-9 was replaced by well MW-9R in November 1999. No chloroethane concentration above the laboratory reporting limit or SWSL has been detected in MW-9R since the well was installed; however, 1,1-dichloroethane was detected in MW-9R at a concentration of 23 μg/L during the initial sampling event conducted in January 2000. The concentration of 1,1-dichlorothane has remained relatively consistent during recent events, ranging in concentration from 7 μg/L to 28 μg/L. The constituent cis-1,2-dichloroethene was detected in MW-9R above the laboratory reporting limit for the first time during the July 2002 event at a concentration of 6.5 μg/L, and has been detected at concentrations ranging from 5-28 μg/L since that time.

Due to the 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 each year and NC Appendix II list of constituents during the second semiannual event each year as long as statistically significant increases continue to be present.

The presence of organic constituents in MW-9 and MW-9R is attributed to landfill gas (LFG). 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.

In the September 2006 sampling event, benzene and vinyl chloride were detected in MW-02 at concentrations in exceedance of NC-2L groundwater standards. A resampling event confirmed the vinyl chloride, but not the benzene exceedance. An *Alternate Source Demonstration* (ASD) was submitted to DENR on March 14, 2008. The ASD demonstrated that the organic constituents detected in MW-02 are related to LFG impacts. In January 2008, improvements to the active LFG recovery system at the site were initiated to help mitigate these impacts. The ASD was accepted by DENR in a letter dated May 7, 2008 with the condition that if vinyl chloride and benzene concentrations in MW-02 are not sufficiently reduced by Spring 2009, MW-02 will enter Assessment Monitoring.

STATISTICAL ANALYSIS

The results of the statistical analysis of the March 2009 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 using 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 first semiannual event of 2009, fourteen detection monitoring wells and five surface water points were sampled for the NC Appendix I list of constituents. The analytical results for the March 2009 event are provided in *Appendix A* of this report. Quantified detections (above the SWSL) are summarized in *Table 1*.

Inorganic Constituents

Inorganic constituents with quantified detections in one or more groundwater or surface water samples included barium in MW-02, chromium in MW-03, and zinc in MW-04D. None of these detections were above the NC-2L groundwater standards or groundwater protection standards (GPS), 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 March 2009 sampling event.

Organic Constituents

Two organic constituents were detected at quantifiable concentrations in site monitoring wells during the March 2009 sampling event. Vinyl chloride was detected at 1.6 μg/L in MW-02 and toluene was detected at 1.2 μg/L in MW-04D. The detection of vinyl chloride in MW-02 represented a NC-2L exceedance. A resampling event was conducted on April 8, 2009 to verify these detections. The resampling results were non-detect for both vinyl chloride in MW-02 and toluene in MW-04D, refuting the original detections. There were no other organic constituents detected in any of the detection monitoring wells or surface water samples during the March 2009 sampling event.

Assessment Monitoring Event

MW -9R:

During the first semiannual event of 2009, MW-9R was sampled for the NC Appendix I list of constituents. There are no detected Appendix II constituents reported for this well at this time. The full Appendix II sampling event will be conducted during the second semiannual event of 2009. The analytical results for the March 2009 event are provided in *Appendix A* to this letter report and the detected constituents are summarized in *Table 1*.

Inorganic Constituents

There were no inorganic constituents with quantified detections reported in MW-9R.

Organic Constituents

There were no organic constituents with quantified detections reported in MW-9R. Well MW-9R will continue to be monitored in accordance with the Assessment Monitoring Program in future events.

SUBMITTAL OF LEACHATE ANALYTICAL DATA

Appendix A to this report contains the leachate monitoring results for March 2009 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, phosphorus, 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 March 2009 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.

CONCLUSIONS/CLOSURE

The ASD accepted by DENR on May 7, 2008 demonstrated that the organic constituents detected in MW-02 are related to LFG impacts. In January 2008, improvements to the active LFG recovery system at the site were initiated to help mitigate these impacts. The ASD was accepted by DENR with the condition that if vinyl chloride and benzene concentrations in MW-02 are not sufficiently reduced by Spring 2009, MW-02 will enter Assessment Monitoring. Benzene was not detected above the SWSL or NC-2L Standard in MW-02 during the March 2009 sampling event. Vinyl chloride was initially detected at 1.6 µg/L in MW-02 during the March 2009 event; however, the results of the April 2009 resampling event detected no vinyl chloride above the laboratory detection limit. Based on these results, JEI does not believe that MW-02 should enter assessment monitoring at this time. In accordance with the DENR ASD acceptance letter dated May 7, 2008, MW-02 will remain in the Detection Monitoring Program.

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 third quarter of 2009. If you have any questions, feel free to contact me or Evan Andrews at (336) 323-0092.

Sincerely,
JOYCE ENGINEERING, INC.

G. Van Ness Burbach, PhD, P.G.
Technical 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: Steve Clarke, Waste Management
JEI File

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

Project No. Site 134

Piedmont Landfill

Lot #: D9C120250

Groundwater

Al Lacsamana

Waste Management Inc.
Southern Area
1000 Parkwood Circle
Suite 700
Atlanta, GA 30339

Cc: Van Burbach

TestAmerica Denver
North Carolina Certification # 358

FOR: Betsy Sara
Project Manager

March 25, 2009

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**

Case Narrative

Enclosed is the report for seventeen samples received at TestAmerica Denver on March 12, 2009. 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 D9C120250

Sample Receiving

The cooler temperatures upon receipt at the Denver laboratory were 5.5°C and 1.7°C.

All sample bottles were received in acceptable condition.

Holding Times

The holding times were within established control limits.

Trip Blank

Acetone, a common laboratory contaminant, was detected in the trip blank sample at a level below the requested reporting limit. Acetone was also detected in the samples MW02, MW03, MW04, MW04D, MW05, MW06, MW07, MW08, MW09R, MW11, MW11D, MW12, MW12D and 01FB at similar levels, therefore, the Methylene Chloride in these samples is likely due to laboratory artifact.

Method Blanks

Total Thallium and Total Selenium were detected in the Method 6020 Blank at concentrations below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

All other Method Blanks were within established control limits.

Laboratory Control Samples (LCS)

The Laboratory Control Samples were within established control limits.

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

All MS/MSD samples were within established control limits.

EXECUTIVE SUMMARY - Detection Highlights

D9C120250

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW01 03/10/09 15:33 001				
Cadmium	0.056 B	1.0	ug/L	SW846 6020
Copper	1.4 B	10	ug/L	SW846 6020
Selenium	1.6 B,J	10	ug/L	SW846 6020
Zinc	3.7 B	10	ug/L	SW846 6020
Barium	58 B	100	ug/L	SW846 6010B
Vanadium	1.4 B	25	ug/L	SW846 6010B
Silver	0.98 B	10	ug/L	SW846 6010B
Chromium	1.3 B	10	ug/L	SW846 6010B
Nickel	3.4 B	50	ug/L	SW846 6010B
Depth to Water	44.38		ft	NONE Depth to Wat
Groundwater Elevation	779.55		ft/msl	NONE GW Elevation
Well Elevation	823.93		ft/msl	NONE Well Elevati
Field eH (Redox)	107		mV	NONE Field eH (Re
Field Temperature	14.3	--	deg C	MCAWW 170.1
Field pH	6.35	0.1	No Units	MCAWW 150.1
Field Conductivity	97	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	4.8	0.5	mg/L	MCAWW 360.1
Field Turbidity	0.8		NTU	MCAWW 180.1
MW02 03/10/09 16:17 002				
Copper	1.3 B	10	ug/L	SW846 6020
Selenium	1.7 B,J	10	ug/L	SW846 6020
Zinc	3.3 B	10	ug/L	SW846 6020
Barium	130	100	ug/L	SW846 6010B
Ethylbenzene	0.38 J	1.0	ug/L	SW846 8260B
Vinyl chloride	1.6	1.0	ug/L	SW846 8260B
Xylenes (total)	1.4 J	5.0	ug/L	SW846 8260B
Acetone	11 J	100	ug/L	SW846 8260B
Benzene	0.36 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	0.61 J	5.0	ug/L	SW846 8260B
1,1-Dichloroethene	0.15 J	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.32 J	5.0	ug/L	SW846 8260B
Depth to Water	28.70		ft	NONE Depth to Wat
Groundwater Elevation	746.34		ft/msl	NONE GW Elevation
Well Elevation	778.04		ft/msl	NONE Well Elevati
Field eH (Redox)	222		mV	NONE Field eH (Re
Field Temperature	15.5	--	deg C	MCAWW 170.1
Field pH	5.21	0.1	No Units	MCAWW 150.1
Field Conductivity	114	1	umhos/cm	MCAWW 120.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D9C120250

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW02 03/10/09 16:17 002				
Field Dissolved Oxygen	1.5	0.5	mg/L	MCAWW 360.1
Field Turbidity	0.3		NTU	MCAWW 180.1
MW03 03/10/09 17:28 003				
Selenium	1.2 B,J	10	ug/L	SW846 6020
Barium	18 B	100	ug/L	SW846 6010B
Vanadium	9.4 B	25	ug/L	SW846 6010B
Chromium	12	10	ug/L	SW846 6010B
Acetone	4.3 J	100	ug/L	SW846 8260B
Depth to Water	25.41		ft	NONE Depth to Wat
Groundwater Elevation	744.67		ft/msl	NONE GW Elevation
Well Elevation	770.08		ft/msl	NONE Well Elevati
Field eH (Redox)	161.7		mV	NONE Field eH (Re
Field Temperature	15.2	--	deg C	MCAWW 170.1
Field pH	5.86	0.1	No Units	MCAWW 150.1
Field Conductivity	140	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	2.1	0.5	mg/L	MCAWW 360.1
Field Turbidity	1.0		NTU	MCAWW 180.1
MW04 03/10/09 14:20 004				
Selenium	0.93 B,J	10	ug/L	SW846 6020
Zinc	4.8 B	10	ug/L	SW846 6020
Barium	47 B	100	ug/L	SW846 6010B
Cobalt	1.5 B	10	ug/L	SW846 6010B
Acetone	2.7 J	100	ug/L	SW846 8260B
Depth to Water	13.01		ft	NONE Depth to Wat
Groundwater Elevation	743.91		ft/msl	NONE GW Elevation
Well Elevation	756.92		ft/msl	NONE Well Elevati
Field eH (Redox)	126.6		mV	NONE Field eH (Re
Field Temperature	15.6	--	deg C	MCAWW 170.1
Field pH	5.53	0.1	No Units	MCAWW 150.1
Field Conductivity	71	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	1.9	0.5	mg/L	MCAWW 360.1
Field Turbidity	1.1		NTU	MCAWW 180.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D9C120250

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW04D 03/11/09 07:45 005				
Arsenic	0.48 B	10	ug/L	SW846 6020
Thallium	0.046 B,J	5.5	ug/L	SW846 6020
Copper	0.70 B	10	ug/L	SW846 6020
Selenium	1.2 B,J	10	ug/L	SW846 6020
Zinc	15	10	ug/L	SW846 6020
Barium	39 B	100	ug/L	SW846 6010B
Vanadium	6.7 B	25	ug/L	SW846 6010B
Chromium	7.6 B	10	ug/L	SW846 6010B
Nickel	1.6 B	50	ug/L	SW846 6010B
Benzene	0.62 J	1.0	ug/L	SW846 8260B
Ethylbenzene	0.29 J	1.0	ug/L	SW846 8260B
Toluene	1.2	1.0	ug/L	SW846 8260B
Xylenes (total)	1.2 J	5.0	ug/L	SW846 8260B
Acetone	2.9 J	100	ug/L	SW846 8260B
Depth to Water	13.19		ft	NONE Depth to Wat
Groundwater Elevation	744.14		ft/msl	NONE GW Elevation
Well Elevation	757.33		ft/msl	NONE Well Elevati
Field eH (Redox)	123.1		mV	NONE Field eH (Re
Field Temperature	15.8	--	deg C	MCAWW 170.1
Field pH	6.03	0.1	No Units	MCAWW 150.1
Field Conductivity	100	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	2.8	0.5	mg/L	MCAWW 360.1
Field Turbidity	62.7		NTU	MCAWW 180.1
MW05 03/11/09 08:34 006				
Thallium	0.021 B,J	5.5	ug/L	SW846 6020
Selenium	0.82 B,J	10	ug/L	SW846 6020
Barium	36 B	100	ug/L	SW846 6010B
Vanadium	6.2 B	25	ug/L	SW846 6010B
Chromium	3.0 B	10	ug/L	SW846 6010B
Nickel	2.0 B	50	ug/L	SW846 6010B
Acetone	4.0 J	100	ug/L	SW846 8260B
Depth to Water	5.21		ft	NONE Depth to Wat
Groundwater Elevation	737.96		ft/msl	NONE GW Elevation
Well Elevation	743.17		ft/msl	NONE Well Elevati
Field eH (Redox)	124.4		mV	NONE Field eH (Re
Field Temperature	13.8	--	deg C	MCAWW 170.1
Field pH	5.98	0.1	No Units	MCAWW 150.1
Field Conductivity	277	1	umhos/cm	MCAWW 120.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D9C120250

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW05 03/11/09 08:34 006				
Field Dissolved Oxygen	1.4	0.5	mg/L	MCAWW 360.1
Field Turbidity	6.1		NTU	MCAWW 180.1
MW06 03/10/09 15:32 007				
Selenium	0.95 B,J	10	ug/L	SW846 6020
Zinc	4.5 B	10	ug/L	SW846 6020
Barium	35 B	100	ug/L	SW846 6010B
Chromium	1.4 B	10	ug/L	SW846 6010B
Acetone	8.3 J	100	ug/L	SW846 8260B
Depth to Water	23.80		ft	NONE Depth to Wat
Groundwater Elevation	777.07		ft/msl	NONE GW Elevation
Well Elevation	800.87		ft/msl	NONE Well Elevati
Field eH (Redox)	179.1		mV	NONE Field eH (Re
Field Temperature	16.6	--	deg C	MCAWW 170.1
Field pH	5.26	0.1	No Units	MCAWW 150.1
Field Conductivity	29	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	3.1	0.5	mg/L	MCAWW 360.1
Field Turbidity	3.1		NTU	MCAWW 180.1
MW07 03/10/09 17:26 008				
Copper	2.0 B	10	ug/L	SW846 6020
Selenium	0.80 B,J	10	ug/L	SW846 6020
Zinc	2.3 B	10	ug/L	SW846 6020
Barium	3.8 B	100	ug/L	SW846 6010B
Vanadium	5.1 B	25	ug/L	SW846 6010B
Chromium	0.94 B	10	ug/L	SW846 6010B
Acetone	2.6 J	100	ug/L	SW846 8260B
Depth to Water	25.73		ft	NONE Depth to Wat
Groundwater Elevation	745.84		ft/msl	NONE GW Elevation
Well Elevation	771.57		ft/msl	NONE Well Elevati
Field eH (Redox)	202		mV	NONE Field eH (Re
Field Temperature	15.1	--	deg C	MCAWW 170.1
Field pH	5.60	0.1	No Units	MCAWW 150.1
Field Conductivity	132	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	5.2	0.5	mg/L	MCAWW 360.1
Field Turbidity	0.9		NTU	MCAWW 180.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D9C120250

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW08 03/10/09 15:00 009				
Copper	0.57 B	10	ug/L	SW846 6020
Selenium	0.95 B,J	10	ug/L	SW846 6020
Zinc	2.0 B	10	ug/L	SW846 6020
Barium	74 B	100	ug/L	SW846 6010B
Chromium	0.72 B	10	ug/L	SW846 6010B
Acetone	3.0 J	100	ug/L	SW846 8260B
Depth to Water	5.43		ft	NONE Depth to Wat
Groundwater Elevation	743.52		ft/msl	NONE GW Elevation
Well Elevation	748.95		ft/msl	NONE Well Elevati
Field eH (Redox)	89.7		mV	NONE Field eH (Re
Field Temperature	12.7	--	deg C	MCAWW 170.1
Field pH	5.46	0.1	No Units	MCAWW 150.1
Field Conductivity	131	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	1.4	0.5	mg/L	MCAWW 360.1
Field Turbidity	10.6		NTU	MCAWW 180.1
MW09R 03/11/09 08:03 010				
Cadmium	0.076 B	1.0	ug/L	SW846 6020
Copper	3.1 B	10	ug/L	SW846 6020
Selenium	1.1 B,J	10	ug/L	SW846 6020
Zinc	8.3 B	10	ug/L	SW846 6020
Barium	16 B	100	ug/L	SW846 6010B
Vanadium	8.6 B	25	ug/L	SW846 6010B
Cobalt	2.3 B	10	ug/L	SW846 6010B
Nickel	4.6 B	50	ug/L	SW846 6010B
1,4-Dichlorobenzene	0.28 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	2.7 J	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.43 J	5.0	ug/L	SW846 8260B
Acetone	2.5 J	100	ug/L	SW846 8260B
Depth to Water	26.60		ft	NONE Depth to Wat
Groundwater Elevation	738.35		ft/msl	NONE GW Elevation
Well Elevation	764.95		ft/msl	NONE Well Elevati
Field eH (Redox)	60		mV	NONE Field eH (Re
Field Temperature	15.6	--	deg C	MCAWW 170.1
Field pH	6.05	0.1	No Units	MCAWW 150.1
Field Conductivity	362	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	1.7	0.5	mg/L	MCAWW 360.1
Field Turbidity	0.3		NTU	MCAWW 180.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D9C120250

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW10 03/10/09 16:46 011				
Copper	0.76 B	10	ug/L	SW846 6020
Zinc	4.8 B	10	ug/L	SW846 6020
Barium	6.1 B	100	ug/L	SW846 6010B
Vanadium	4.7 B	25	ug/L	SW846 6010B
Silver	0.95 B	10	ug/L	SW846 6010B
Chromium	3.8 B	10	ug/L	SW846 6010B
Depth to Water	29.53		ft	NONE Depth to Wat
Groundwater Elevation	747.67		ft/msl	NONE GW Elevation
Well Elevation	777.20		ft/msl	NONE Well Elevati
Field eH (Redox)	206		mV	NONE Field eH (Re
Field Temperature	15.6	--	deg C	MCAWW 170.1
Field pH	5.77	0.1	No Units	MCAWW 150.1
Field Conductivity	120	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	5.0	0.5	mg/L	MCAWW 360.1
Field Turbidity	1.0		NTU	MCAWW 180.1
MW11 03/10/09 16:57 012				
Cadmium	0.043 B	1.0	ug/L	SW846 6020
Copper	0.91 B	10	ug/L	SW846 6020
Zinc	8.0 B	10	ug/L	SW846 6020
Barium	56 B	100	ug/L	SW846 6010B
Vanadium	1.5 B	25	ug/L	SW846 6010B
Cobalt	2.1 B	10	ug/L	SW846 6010B
1,1-Dichloroethane	0.55 J	5.0	ug/L	SW846 8260B
Acetone	3.1 J	100	ug/L	SW846 8260B
Depth to Water	28.67		ft	NONE Depth to Wat
Groundwater Elevation	748.13		ft/msl	NONE GW Elevation
Well Elevation	776.80		ft/msl	NONE Well Elevati
Field eH (Redox)	103.4		mV	NONE Field eH (Re
Field Temperature	15.7	--	deg C	MCAWW 170.1
Field pH	5.42	0.1	No Units	MCAWW 150.1
Field Conductivity	138	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	1.8	0.5	mg/L	MCAWW 360.1
Field Turbidity	4.1		NTU	MCAWW 180.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D9C120250

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW11D 03/10/09 16:22 013				
Copper	8.3 B	10	ug/L	SW846 6020
Zinc	7.5 B	10	ug/L	SW846 6020
Barium	30 B	100	ug/L	SW846 6010B
Vanadium	14 B	25	ug/L	SW846 6010B
Chromium	6.7 B	10	ug/L	SW846 6010B
Nickel	1.3 B	50	ug/L	SW846 6010B
Acetone	3.4 J	100	ug/L	SW846 8260B
Depth to Water	28.60		ft	NONE Depth to Wat
Groundwater Elevation	747.76		ft/msl	NONE GW Elevation
Well Elevation	776.36		ft/msl	NONE Well Elevati
Field eH (Redox)	161.3		mV	NONE Field eH (Re
Field Temperature	15.4	--	deg C	MCAWW 170.1
Field pH	6.31	0.1	No Units	MCAWW 150.1
Field Conductivity	67	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	1.7	0.5	mg/L	MCAWW 360.1
Field Turbidity	19.4		NTU	MCAWW 180.1
MW12 03/10/09 13:52 014				
Cadmium	0.076 B	1.0	ug/L	SW846 6020
Thallium	0.029 B,J	5.5	ug/L	SW846 6020
Copper	3.6 B	10	ug/L	SW846 6020
Selenium	1.3 B,J	10	ug/L	SW846 6020
Zinc	7.0 B	10	ug/L	SW846 6020
Barium	25 B	100	ug/L	SW846 6010B
Vanadium	5.9 B	25	ug/L	SW846 6010B
Chromium	5.3 B	10	ug/L	SW846 6010B
Nickel	2.0 B	50	ug/L	SW846 6010B
Acetone	2.3 J	100	ug/L	SW846 8260B
Depth to Water	6.11		ft	NONE Depth to Wat
Groundwater Elevation	745.37		ft/msl	NONE GW Elevation
Well Elevation	751.48		ft/msl	NONE Well Elevati
Field eH (Redox)	159		mV	NONE Field eH (Re
Field Temperature	15.2	--	deg C	MCAWW 170.1
Field pH	5.77	0.1	No Units	MCAWW 150.1
Field Conductivity	126	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	3.5	0.5	mg/L	MCAWW 360.1
Field Turbidity	14.5		NTU	MCAWW 180.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D9C120250

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW12D 03/10/09 14:55 015				
Thallium	0.024 B,J	5.5	ug/L	SW846 6020
Copper	3.8 B	10	ug/L	SW846 6020
Zinc	8.3 B	10	ug/L	SW846 6020
Barium	13 B	100	ug/L	SW846 6010B
Vanadium	7.5 B	25	ug/L	SW846 6010B
Cobalt	1.3 B	10	ug/L	SW846 6010B
Chromium	4.9 B	10	ug/L	SW846 6010B
Nickel	2.1 B	50	ug/L	SW846 6010B
Acetone	3.1 J	100	ug/L	SW846 8260B
Depth to Water	5.52		ft	NONE Depth to Wat
Groundwater Elevation	745.96		ft/msl	NONE GW Elevation
Well Elevation	751.48		ft/msl	NONE Well Elevati
Field eH (Redox)	99		mV	NONE Field eH (Re
Field Temperature	14.4	--	deg C	MCAWW 170.1
Field pH	6.75	0.1	No Units	MCAWW 150.1
Field Conductivity	194	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	2.2	0.5	mg/L	MCAWW 360.1
Field Turbidity	7.5		NTU	MCAWW 180.1
01FB 03/11/09 08:30 016				
Acetone	3.0 J	100	ug/L	SW846 8260B
Field Temperature	19.0	--	deg C	MCAWW 170.1
Field pH	7.34	0.1	No Units	MCAWW 150.1
Field Conductivity	1	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	5.8	0.5	mg/L	MCAWW 360.1
Field Turbidity	0.0		NTU	MCAWW 180.1
TRIP 03/11/09 017				
Acetone	3.0 J	100	ug/L	SW846 8260B

PREPARATION METHODS SUMMARY

D9C120250

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
********		MCAWW 180.1
********		MCAWW 360.1
********		NONE Depth to W
********		NONE Field eH (
********		NONE Well Eleva
Acid Digestion for Total Metals by ICPMS	SW846 3020A	SW846 6020
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
Field pH	MCAWW 150.1	MCAWW 150.1
Field Conductivity	MCAWW 120.1	MCAWW 120.1
Field Temperature	MCAWW 170.1	MCAWW 170.1
Field Test	NONE Field Test	NONE GW Elevati
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.

NONE

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

ANALYTICAL METHODS SUMMARY

D9C120250

PARAMETER	ANALYTICAL METHOD
	NONE Depth to Water
	NONE Field eH (Redox)
	NONE GW Elevation
	NONE Well Elevation
Field pH	MCAWW 150.1
Field Conductivity	MCAWW 120.1
Field Dissolved Oxygen	MCAWW 360.1
Field Temperature	MCAWW 170.1
Field Turbidity	MCAWW 180.1
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
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.

NONE

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

METHOD / ANALYST SUMMARY

D9C120250

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 120.1	Outside Lab	OUT
MCAWW 150.1	Outside Lab	OUT
MCAWW 170.1	Outside Lab	OUT
MCAWW 180.1	Outside Lab	OUT
MCAWW 360.1	Outside Lab	OUT
NONE Depth to Water	Outside Lab	OUT
NONE Field eH (Redox)	Outside Lab	OUT
NONE GW Elevation	Outside Lab	OUT
NONE Well Elevation	Outside Lab	OUT
SW846 6010B	David Wells	5099
SW846 6020	Thomas Lill	6929
SW846 8260B	Huaqing Zhou	005417

References:

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

NONE

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

SAMPLE SUMMARY

D9C120250

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K8FE9	001	MW01	03/10/09	15:33
K8FFK	002	MW02	03/10/09	16:17
K8FFM	003	MW03	03/10/09	17:28
K8FFN	004	MW04	03/10/09	14:20
K8FFR	005	MW04D	03/11/09	07:45
K8FFV	006	MW05	03/11/09	08:34
K8FF0	007	MW06	03/10/09	15:32
K8FF1	008	MW07	03/10/09	17:26
K8FF3	009	MW08	03/10/09	15:00
K8FF7	010	MW09R	03/11/09	08:03
K8FF9	011	MW10	03/10/09	16:46
K8FGA	012	MW11	03/10/09	16:57
K8FGD	013	MW11D	03/10/09	16:22
K8FGR	014	MW12	03/10/09	13:52
K8FGX	015	MW12D	03/10/09	14:55
K8FHK	016	01FB	03/11/09	08:30
K8FHR	017	TRIP	03/11/09	

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: MW01

GC/MS Volatiles

Lot-Sample #...: D9C120250-001 **Work Order #...:** K8FE91AM **Matrix.....:** WG
Date Sampled...: 03/10/09 15:33 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 14:06
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	0.30
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	0.29
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	1.0
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: MW01

GC/MS Volatiles

Lot-Sample #...: D9C120250-001 **Work Order #...:** K8FE91AM **Matrix.....:** WG

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
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	94	(79 - 120)
1,2-Dichloroethane-d4	93	(65 - 126)
4-Bromofluorobenzene	96	(75 - 120)
Toluene-d8	104	(78 - 120)

Waste Management, Inc.

Client Sample ID: MW02

GC/MS Volatiles

Lot-Sample #...: D9C120250-002 **Work Order #...:** K8FFK1AM **Matrix.....:** WG
Date Sampled...: 03/10/09 16:17 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 15:46
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	**0.38 J**	**1.0**	**ug/L**	**0.16**
Trichlorofluoromethane	ND	1.0	ug/L	0.29
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	1.0
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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	**1.6**	**1.0**	**ug/L**	**0.40**
Xylenes (total)	**1.4 J**	**5.0**	**ug/L**	**0.19**
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	**11 J**	**100**	**ug/L**	**1.9**
Acrylonitrile	ND	200	ug/L	1.4
Benzene	**0.36 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
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	0.30
Dibromomethane	ND	10	ug/L	0.17

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Waste Management, Inc.

Client Sample ID: MW02

GC/MS Volatiles

Lot-Sample #...: D9C120250-002 **Work Order #...:** K8FFK1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
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	**0.61 J**	**5.0**	**ug/L**	**0.16**
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	**0.15 J**	**5.0**	**ug/L**	**0.14**
cis-1,2-Dichloroethene	**0.32 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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	109	(79 - 120)
1,2-Dichloroethane-d4	103	(65 - 126)
4-Bromofluorobenzene	100	(75 - 120)
Toluene-d8	99	(78 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: MW03

GC/MS Volatiles

Lot-Sample #...: D9C120250-003 **Work Order #...:** K8FFM1AM **Matrix.....:** WG
Date Sampled...: 03/10/09 17:28 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 16:06
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	0.30
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	0.29
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	1.0
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: MW03

GC/MS Volatiles

Lot-Sample #...: D9C120250-003 **Work Order #...:** K8FFM1AM **Matrix.....:** WG

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	**4.3 J**	**100**	**ug/L**	**1.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(79 - 120)
1,2-Dichloroethane-d4	94	(65 - 126)
4-Bromofluorobenzene	92	(75 - 120)
Toluene-d8	109	(78 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: MW04

GC/MS Volatiles

Lot-Sample #...: D9C120250-004 **Work Order #...:** K8FFN1AM **Matrix.....:** WG
Date Sampled...: 03/10/09 14:20 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 16:26
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	0.30
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	0.29
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	1.0
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: MW04

GC/MS Volatiles

Lot-Sample #...: D9C120250-004 **Work Order #...:** K8FFN1AM **Matrix.....:** WG

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	**2.7 J**	**100**	**ug/L**	**1.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(79 - 120)
1,2-Dichloroethane-d4	96	(65 - 126)
4-Bromofluorobenzene	87	(75 - 120)
Toluene-d8	105	(78 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: MW04D

GC/MS Volatiles

Lot-Sample #...: D9C120250-005 **Work Order #...:** K8FFR1AM **Matrix.....:** WG
Date Sampled...: 03/11/09 07:45 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 16:46
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acrylonitrile	ND	200	ug/L	1.4
Benzene	**0.62 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
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	0.30
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	**0.29 J**	**1.0**	**ug/L**	**0.16**
Trichlorofluoromethane	ND	1.0	ug/L	0.29
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	1.0
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	**1.2**	**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: MW04D

GC/MS Volatiles

Lot-Sample #...: D9C120250-005 **Work Order #...:** K8FFR1AM **Matrix.....:** WG

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	**1.2 J**	**5.0**	**ug/L**	**0.19**
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	**2.9 J**	**100**	**ug/L**	**1.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(79 - 120)
1,2-Dichloroethane-d4	92	(65 - 126)
4-Bromofluorobenzene	99	(75 - 120)
Toluene-d8	106	(78 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: MW05

GC/MS Volatiles

Lot-Sample #...: D9C120250-006 **Work Order #...:** K8FFV1AM **Matrix.....:** WG
Date Sampled...: 03/11/09 08:34 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 17:06
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	0.30
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	0.29
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	1.0
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: MW05

GC/MS Volatiles

Lot-Sample #...: D9C120250-006 **Work Order #...:** K8FFV1AM **Matrix.....:** WG

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	**4.0 J**	**100**	**ug/L**	**1.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(79 - 120)
1,2-Dichloroethane-d4	96	(65 - 126)
4-Bromofluorobenzene	97	(75 - 120)
Toluene-d8	107	(78 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: MW06

GC/MS Volatiles

Lot-Sample #...: D9C120250-007 **Work Order #...:** K8FF01AM **Matrix.....:** WG
Date Sampled...: 03/10/09 15:32 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 17:26
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	0.30
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	0.29
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	1.0
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: MW06

GC/MS Volatiles

Lot-Sample #...: D9C120250-007 **Work Order #...:** K8FF01AM **Matrix.....:** WG

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	**8.3 J**	**100**	**ug/L**	**1.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(79 - 120)
1,2-Dichloroethane-d4	97	(65 - 126)
4-Bromofluorobenzene	105	(75 - 120)
Toluene-d8	107	(78 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: MW07

GC/MS Volatiles

Lot-Sample #...: D9C120250-008 **Work Order #...:** K8FF11AM **Matrix.....:** WG
Date Sampled...: 03/10/09 17:26 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 17:45
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	0.30
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	0.29
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	1.0
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: MW07

GC/MS Volatiles

Lot-Sample #...: D9C120250-008 **Work Order #...:** K8FF11AM **Matrix.....:** WG

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	**2.6 J**	**100**	**ug/L**	**1.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(79 - 120)
1,2-Dichloroethane-d4	95	(65 - 126)
4-Bromofluorobenzene	90	(75 - 120)
Toluene-d8	107	(78 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: MW08

GC/MS Volatiles

Lot-Sample #...: D9C120250-009 **Work Order #...:** K8FF31AM **Matrix.....:** WG
Date Sampled...: 03/10/09 15:00 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 18:05
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	0.30
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	0.29
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	1.0
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: MW08

GC/MS Volatiles

Lot-Sample #...: D9C120250-009 **Work Order #...:** K8FF31AM **Matrix.....:** WG

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	**3.0 J**	**100**	**ug/L**	**1.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(79 - 120)
1,2-Dichloroethane-d4	100	(65 - 126)
4-Bromofluorobenzene	96	(75 - 120)
Toluene-d8	113	(78 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: MW09R

GC/MS Volatiles

Lot-Sample #...: D9C120250-010 **Work Order #...:** K8FF71AM **Matrix.....:** WG
Date Sampled...: 03/11/09 08:03 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 18:25
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	0.30
Dibromomethane	ND	10	ug/L	0.17
1,2-Dichlorobenzene	ND	5.0	ug/L	0.13
1,4-Dichlorobenzene	**0.28 J**	**1.0**	**ug/L**	**0.16**
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	**2.7 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	**0.43 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	0.29
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	1.0
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: MW09R

GC/MS Volatiles

Lot-Sample #...: D9C120250-010 **Work Order #...:** K8FF71AM **Matrix.....:** WG

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	**2.5 J**	**100**	**ug/L**	**1.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(79 - 120)
1,2-Dichloroethane-d4	97	(65 - 126)
4-Bromofluorobenzene	97	(75 - 120)
Toluene-d8	109	(78 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: MW10

GC/MS Volatiles

Lot-Sample #...: D9C120250-011 **Work Order #...:** K8FF91AM **Matrix.....:** WG
Date Sampled...: 03/10/09 16:46 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 18:45
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	0.30
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	0.29
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	1.0
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: MW10

GC/MS Volatiles

Lot-Sample #...: D9C120250-011 **Work Order #...:** K8FF91AM **Matrix.....:** WG

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
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	105	(79 - 120)
1,2-Dichloroethane-d4	98	(65 - 126)
4-Bromofluorobenzene	105	(75 - 120)
Toluene-d8	105	(78 - 120)

Waste Management, Inc.

Client Sample ID: MW11

GC/MS Volatiles

Lot-Sample #...: D9C120250-012 **Work Order #...:** K8FGA1AM **Matrix.....:** WG
Date Sampled...: 03/10/09 16:57 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 19:05
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	0.30
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	**0.55 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	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	0.29
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	1.0
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: MW11

GC/MS Volatiles

Lot-Sample #...: D9C120250-012 **Work Order #...:** K8FGA1AM **Matrix.....:** WG

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	**3.1 J**	**100**	**ug/L**	**1.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(79 - 120)
1,2-Dichloroethane-d4	99	(65 - 126)
4-Bromofluorobenzene	99	(75 - 120)
Toluene-d8	103	(78 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: MW11D

GC/MS Volatiles

Lot-Sample #...: D9C120250-013 **Work Order #...:** K8FGD1AM **Matrix.....:** WG
Date Sampled...: 03/10/09 16:22 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 19:25
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	0.30
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	0.29
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	1.0
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: MW11D

GC/MS Volatiles

Lot-Sample #...: D9C120250-013 **Work Order #...:** K8FGD1AM **Matrix.....:** WG

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	**3.4 J**	**100**	**ug/L**	**1.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(79 - 120)
1,2-Dichloroethane-d4	95	(65 - 126)
4-Bromofluorobenzene	93	(75 - 120)
Toluene-d8	111	(78 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: MW12

GC/MS Volatiles

Lot-Sample #...: D9C120250-014 **Work Order #...:** K8FGR1AM **Matrix.....:** WG
Date Sampled...: 03/10/09 13:52 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 19:45
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	0.30
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	0.29
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	1.0
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: MW12

GC/MS Volatiles

Lot-Sample #...: D9C120250-014 **Work Order #...:** K8FGR1AM **Matrix.....:** WG

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	**2.3 J**	**100**	**ug/L**	**1.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(79 - 120)
1,2-Dichloroethane-d4	98	(65 - 126)
4-Bromofluorobenzene	93	(75 - 120)
Toluene-d8	112	(78 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: MW12D

GC/MS Volatiles

Lot-Sample #...: D9C120250-015 **Work Order #...:** K8FGX1AM **Matrix.....:** WG
Date Sampled...: 03/10/09 14:55 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 20:05
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	0.30
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	0.29
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	1.0
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: MW12D

GC/MS Volatiles

Lot-Sample #...: D9C120250-015 **Work Order #...:** K8FGX1AM **Matrix.....:** WG

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	**3.1 J**	**100**	**ug/L**	**1.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(79 - 120)
1,2-Dichloroethane-d4	96	(65 - 126)
4-Bromofluorobenzene	96	(75 - 120)
Toluene-d8	110	(78 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 01FB

GC/MS Volatiles

Lot-Sample #...: D9C120250-016 **Work Order #...:** K8FHK1AM **Matrix.....:** WQ
Date Sampled...: 03/11/09 08:30 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 20:25
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	0.30
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	0.29
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	1.0
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: 01FB

GC/MS Volatiles

Lot-Sample #...: D9C120250-016 **Work Order #...:** K8FHK1AM **Matrix.....:** WQ

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	**3.0 J**	**100**	**ug/L**	**1.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(79 - 120)
1,2-Dichloroethane-d4	97	(65 - 126)
4-Bromofluorobenzene	103	(75 - 120)
Toluene-d8	112	(78 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: TRIP

GC/MS Volatiles

Lot-Sample #...: D9C120250-017 **Work Order #...:** K8FHR1AA **Matrix.....:** WQ
Date Sampled...: 03/11/09 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 20:45
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	0.30
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	0.29
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	1.0
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 #...: D9C120250-017 **Work Order #...:** K8FHR1AA **Matrix.....:** WQ

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
2-Butanone (MEK)	ND	100	ug/L	1.8
Acetone	**3.0 J**	**100**	**ug/L**	**1.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(79 - 120)
1,2-Dichloroethane-d4	95	(65 - 126)
4-Bromofluorobenzene	95	(75 - 120)
Toluene-d8	112	(78 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: MW01

TOTAL Metals

Lot-Sample #...: D9C120250-001 **Matrix.....:** WG
Date Sampled...: 03/10/09 15:33 **Date Received..:** 03/12/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9072200						
Barium	**58 B**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FE91AC**
		Dilution Factor: 1		Analysis Time..: 00:59	MDL.....: 0.58	
Vanadium	**1.4 B**	**25**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FE91AD**
		Dilution Factor: 1		Analysis Time..: 00:59	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/19/09	K8FE91AN
		Dilution Factor: 1		Analysis Time..: 00:59	MDL.....: 0.47	
Silver	**0.98 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FE91AP**
		Dilution Factor: 1		Analysis Time..: 00:59	MDL.....: 0.93	
Cobalt	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FE91AQ
		Dilution Factor: 1		Analysis Time..: 00:59	MDL.....: 1.2	
Chromium	**1.3 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FE91AR**
		Dilution Factor: 1		Analysis Time..: 00:59	MDL.....: 0.66	
Lead	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FE91AT
		Dilution Factor: 1		Analysis Time..: 00:59	MDL.....: 2.6	
Nickel	**3.4 B**	**50**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FE91AU**
		Dilution Factor: 1		Analysis Time..: 00:59	MDL.....: 1.3	
Prep Batch #...: 9072210						
Arsenic	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FE91AE
		Dilution Factor: 1		Analysis Time..: 19:22	MDL.....: 0.21	
Cadmium	**0.056 B**	**1.0**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FE91AF**
		Dilution Factor: 1		Analysis Time..: 19:22	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/17-03/18/09	K8FE91AG
		Dilution Factor: 1		Analysis Time..: 19:22	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	03/17-03/18/09	K8FE91AH
		Dilution Factor: 1		Analysis Time..: 19:22	MDL.....: 0.020	
Copper	**1.4 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FE91AJ**
		Dilution Factor: 1		Analysis Time..: 19:22	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: MW01

TOTAL Metals

Lot-Sample #...: D9C120250-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**1.6 B,J**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FE91AK**
		Dilution Factor: 1		Analysis Time..: 19:22	MDL.....: 0.70	
Zinc	**3.7 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FE91AL**
		Dilution Factor: 1		Analysis Time..: 19:22	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: MW02

TOTAL Metals

Lot-Sample #...: D9C120250-002 **Matrix.....:** WG
Date Sampled...: 03/10/09 16:17 **Date Received..:** 03/12/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9072200						
Barium	**130**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FFK1AC**
		Dilution Factor: 1		Analysis Time..: 01:13	MDL.....: 0.58	
Vanadium	ND	25	ug/L	SW846 6010B	03/17-03/19/09	K8FFK1AD
		Dilution Factor: 1		Analysis Time..: 01:13	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/19/09	K8FFK1AN
		Dilution Factor: 1		Analysis Time..: 01:13	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FFK1AP
		Dilution Factor: 1		Analysis Time..: 01:13	MDL.....: 0.93	
Cobalt	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FFK1AQ
		Dilution Factor: 1		Analysis Time..: 01:13	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FFK1AR
		Dilution Factor: 1		Analysis Time..: 01:13	MDL.....: 0.66	
Lead	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FFK1AT
		Dilution Factor: 1		Analysis Time..: 01:13	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	03/17-03/19/09	K8FFK1AU
		Dilution Factor: 1		Analysis Time..: 01:13	MDL.....: 1.3	
Prep Batch #...: 9072210						
Arsenic	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FFK1AE
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	03/17-03/18/09	K8FFK1AF
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/17-03/18/09	K8FFK1AG
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	03/17-03/18/09	K8FFK1AH
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.020	
Copper	**1.3 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FFK1AJ**
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: MW02

TOTAL Metals

Lot-Sample #...: D9C120250-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**1.7 B,J**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FFK1AK**
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.70	
Zinc	**3.3 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FFK1AL**
		Dilution Factor: 1		Analysis Time..: 19:26	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: MW03

TOTAL Metals

Lot-Sample #...: D9C120250-003 **Matrix.....:** WG
Date Sampled...: 03/10/09 17:28 **Date Received..:** 03/12/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9072200						
Barium	**18 B**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FFM1AC**
		Dilution Factor: 1		Analysis Time..: 01:17	MDL.....: 0.58	
Vanadium	**9.4 B**	**25**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FFM1AD**
		Dilution Factor: 1		Analysis Time..: 01:17	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/19/09	K8FFM1AN
		Dilution Factor: 1		Analysis Time..: 01:17	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FFM1AP
		Dilution Factor: 1		Analysis Time..: 01:17	MDL.....: 0.93	
Cobalt	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FFM1AQ
		Dilution Factor: 1		Analysis Time..: 01:17	MDL.....: 1.2	
Chromium	**12**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FFM1AR**
		Dilution Factor: 1		Analysis Time..: 01:17	MDL.....: 0.66	
Lead	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FFM1AT
		Dilution Factor: 1		Analysis Time..: 01:17	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	03/17-03/19/09	K8FFM1AU
		Dilution Factor: 1		Analysis Time..: 01:17	MDL.....: 1.3	
Prep Batch #...: 9072210						
Arsenic	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FFM1AE
		Dilution Factor: 1		Analysis Time..: 20:03	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	03/17-03/18/09	K8FFM1AF
		Dilution Factor: 1		Analysis Time..: 20:03	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/17-03/18/09	K8FFM1AG
		Dilution Factor: 1		Analysis Time..: 20:03	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	03/17-03/18/09	K8FFM1AH
		Dilution Factor: 1		Analysis Time..: 20:03	MDL.....: 0.020	
Copper	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FFM1AJ
		Dilution Factor: 1		Analysis Time..: 20:03	MDL.....: 0.56	

(Continued on next page)

Waste Management, Inc.

Client Sample ID: MW03

TOTAL Metals

Lot-Sample #...: D9C120250-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**1.2 B,J**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FFM1AK**
		Dilution Factor: 1		Analysis Time..: 20:03	MDL.....: 0.70	
Zinc	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FFM1AL
		Dilution Factor: 1		Analysis Time..: 20:03	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: MW04

TOTAL Metals

Lot-Sample #...: D9C120250-004 **Matrix.....:** WG
Date Sampled...: 03/10/09 14:20 **Date Received..:** 03/12/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9072200						
Barium	**47 B**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FFN1AC**
		Dilution Factor: 1		Analysis Time..: 01:21	MDL.....: 0.58	
Vanadium	ND	25	ug/L	SW846 6010B	03/17-03/19/09	K8FFN1AD
		Dilution Factor: 1		Analysis Time..: 01:21	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/19/09	K8FFN1AN
		Dilution Factor: 1		Analysis Time..: 01:21	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FFN1AP
		Dilution Factor: 1		Analysis Time..: 01:21	MDL.....: 0.93	
Cobalt	**1.5 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FFN1AQ**
		Dilution Factor: 1		Analysis Time..: 01:21	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FFN1AR
		Dilution Factor: 1		Analysis Time..: 01:21	MDL.....: 0.66	
Lead	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FFN1AT
		Dilution Factor: 1		Analysis Time..: 01:21	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	03/17-03/19/09	K8FFN1AU
		Dilution Factor: 1		Analysis Time..: 01:21	MDL.....: 1.3	
Prep Batch #...: 9072210						
Arsenic	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FFN1AE
		Dilution Factor: 1		Analysis Time..: 20:07	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	03/17-03/18/09	K8FFN1AF
		Dilution Factor: 1		Analysis Time..: 20:07	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/17-03/18/09	K8FFN1AG
		Dilution Factor: 1		Analysis Time..: 20:07	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	03/17-03/18/09	K8FFN1AH
		Dilution Factor: 1		Analysis Time..: 20:07	MDL.....: 0.020	
Copper	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FFN1AJ
		Dilution Factor: 1		Analysis Time..: 20:07	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: MW04

TOTAL Metals

Lot-Sample #...: D9C120250-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**0.93 B,J**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FFN1AK**
		Dilution Factor: 1		Analysis Time..: 20:07	MDL.....: 0.70	
Zinc	**4.8 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FFN1AL**
		Dilution Factor: 1		Analysis Time..: 20:07	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: MW04D

TOTAL Metals

Lot-Sample #...: D9C120250-005 **Matrix.....:** WG
Date Sampled...: 03/11/09 07:45 **Date Received..:** 03/12/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9072200						
Barium	**39 B**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FFR1AC**
		Dilution Factor: 1		Analysis Time..: 01:35	MDL.....: 0.58	
Vanadium	**6.7 B**	**25**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FFR1AD**
		Dilution Factor: 1		Analysis Time..: 01:35	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/19/09	K8FFR1AN
		Dilution Factor: 1		Analysis Time..: 01:35	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FFR1AP
		Dilution Factor: 1		Analysis Time..: 01:35	MDL.....: 0.93	
Cobalt	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FFR1AQ
		Dilution Factor: 1		Analysis Time..: 01:35	MDL.....: 1.2	
Chromium	**7.6 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FFR1AR**
		Dilution Factor: 1		Analysis Time..: 01:35	MDL.....: 0.66	
Lead	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FFR1AT
		Dilution Factor: 1		Analysis Time..: 01:35	MDL.....: 2.6	
Nickel	**1.6 B**	**50**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FFR1AU**
		Dilution Factor: 1		Analysis Time..: 01:35	MDL.....: 1.3	
Prep Batch #...: 9072210						
Arsenic	**0.48 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FFR1AE**
		Dilution Factor: 1		Analysis Time..: 20:12	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	03/17-03/18/09	K8FFR1AF
		Dilution Factor: 1		Analysis Time..: 20:12	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/17-03/18/09	K8FFR1AG
		Dilution Factor: 1		Analysis Time..: 20:12	MDL.....: 0.070	
Thallium	**0.046 B,J**	**5.5**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FFR1AH**
		Dilution Factor: 1		Analysis Time..: 20:12	MDL.....: 0.020	
Copper	**0.70 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FFR1AJ**
		Dilution Factor: 1		Analysis Time..: 20:12	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: MW04D

TOTAL Metals

Lot-Sample #...: D9C120250-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**1.2 B,J**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FFR1AK**
		Dilution Factor: 1		Analysis Time..: 20:12	MDL.....: 0.70	
Zinc	**15**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FFR1AL**
		Dilution Factor: 1		Analysis Time..: 20:12	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: MW05

TOTAL Metals

Lot-Sample #...: D9C120250-006 **Matrix.....:** WG
Date Sampled...: 03/11/09 08:34 **Date Received..:** 03/12/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9072200						
Barium	**36 B**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FFV1AC**
		Dilution Factor: 1		Analysis Time..: 01:39	MDL.....: 0.58	
Vanadium	**6.2 B**	**25**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FFV1AD**
		Dilution Factor: 1		Analysis Time..: 01:39	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/19/09	K8FFV1AN
		Dilution Factor: 1		Analysis Time..: 01:39	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FFV1AP
		Dilution Factor: 1		Analysis Time..: 01:39	MDL.....: 0.93	
Cobalt	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FFV1AQ
		Dilution Factor: 1		Analysis Time..: 01:39	MDL.....: 1.2	
Chromium	**3.0 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FFV1AR**
		Dilution Factor: 1		Analysis Time..: 01:39	MDL.....: 0.66	
Lead	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FFV1AT
		Dilution Factor: 1		Analysis Time..: 01:39	MDL.....: 2.6	
Nickel	**2.0 B**	**50**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FFV1AU**
		Dilution Factor: 1		Analysis Time..: 01:39	MDL.....: 1.3	
Prep Batch #...: 9072210						
Arsenic	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FFV1AE
		Dilution Factor: 1		Analysis Time..: 20:16	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	03/17-03/18/09	K8FFV1AF
		Dilution Factor: 1		Analysis Time..: 20:16	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/17-03/18/09	K8FFV1AG
		Dilution Factor: 1		Analysis Time..: 20:16	MDL.....: 0.070	
Thallium	**0.021 B,J**	**5.5**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FFV1AH**
		Dilution Factor: 1		Analysis Time..: 20:16	MDL.....: 0.020	
Copper	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FFV1AJ
		Dilution Factor: 1		Analysis Time..: 20:16	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: MW05

TOTAL Metals

Lot-Sample #...: D9C120250-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**0.82 B,J**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FFV1AK**
		Dilution Factor: 1		Analysis Time..: 20:16	MDL.....: 0.70	
Zinc	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FFV1AL
		Dilution Factor: 1		Analysis Time..: 20:16	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: MW06

TOTAL Metals

Lot-Sample #...: D9C120250-007 **Matrix.....:** WG
Date Sampled...: 03/10/09 15:32 **Date Received..:** 03/12/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9072200						
Barium	**35 B**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FF01AC**
		Dilution Factor: 1		Analysis Time..: 01:43	MDL.....: 0.58	
Vanadium	ND	25	ug/L	SW846 6010B	03/17-03/19/09	K8FF01AD
		Dilution Factor: 1		Analysis Time..: 01:43	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/19/09	K8FF01AN
		Dilution Factor: 1		Analysis Time..: 01:43	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FF01AP
		Dilution Factor: 1		Analysis Time..: 01:43	MDL.....: 0.93	
Cobalt	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FF01AQ
		Dilution Factor: 1		Analysis Time..: 01:43	MDL.....: 1.2	
Chromium	**1.4 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FF01AR**
		Dilution Factor: 1		Analysis Time..: 01:43	MDL.....: 0.66	
Lead	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FF01AT
		Dilution Factor: 1		Analysis Time..: 01:43	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	03/17-03/19/09	K8FF01AU
		Dilution Factor: 1		Analysis Time..: 01:43	MDL.....: 1.3	
Prep Batch #...: 9072210						
Arsenic	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FF01AE
		Dilution Factor: 1		Analysis Time..: 20:21	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	03/17-03/18/09	K8FF01AF
		Dilution Factor: 1		Analysis Time..: 20:21	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/17-03/18/09	K8FF01AG
		Dilution Factor: 1		Analysis Time..: 20:21	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	03/17-03/18/09	K8FF01AH
		Dilution Factor: 1		Analysis Time..: 20:21	MDL.....: 0.020	
Copper	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FF01AJ
		Dilution Factor: 1		Analysis Time..: 20:21	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: MW06

TOTAL Metals

Lot-Sample #...: D9C120250-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**0.95 B,J**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FF01AK**
		Dilution Factor: 1		Analysis Time..: 20:21	MDL.....: 0.70	
Zinc	**4.5 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FF01AL**
		Dilution Factor: 1		Analysis Time..: 20:21	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: MW07

TOTAL Metals

Lot-Sample #...: D9C120250-008 **Matrix.....:** WG
Date Sampled...: 03/10/09 17:26 **Date Received..:** 03/12/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9072200						
Barium	**3.8 B**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FF11AC**
		Dilution Factor: 1		Analysis Time..: 01:46	MDL.....: 0.58	
Vanadium	**5.1 B**	**25**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FF11AD**
		Dilution Factor: 1		Analysis Time..: 01:46	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/19/09	K8FF11AN
		Dilution Factor: 1		Analysis Time..: 01:46	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FF11AP
		Dilution Factor: 1		Analysis Time..: 01:46	MDL.....: 0.93	
Cobalt	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FF11AQ
		Dilution Factor: 1		Analysis Time..: 01:46	MDL.....: 1.2	
Chromium	**0.94 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FF11AR**
		Dilution Factor: 1		Analysis Time..: 01:46	MDL.....: 0.66	
Lead	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FF11AT
		Dilution Factor: 1		Analysis Time..: 01:46	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	03/17-03/19/09	K8FF11AU
		Dilution Factor: 1		Analysis Time..: 01:46	MDL.....: 1.3	
Prep Batch #...: 9072210						
Arsenic	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FF11AE
		Dilution Factor: 1		Analysis Time..: 20:25	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	03/17-03/18/09	K8FF11AF
		Dilution Factor: 1		Analysis Time..: 20:25	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/17-03/18/09	K8FF11AG
		Dilution Factor: 1		Analysis Time..: 20:25	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	03/17-03/18/09	K8FF11AH
		Dilution Factor: 1		Analysis Time..: 20:25	MDL.....: 0.020	
Copper	**2.0 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FF11AJ**
		Dilution Factor: 1		Analysis Time..: 20:25	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: MW07

TOTAL Metals

Lot-Sample #...: D9C120250-008 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**0.80 B,J**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FF11AK**
		Dilution Factor: 1		Analysis Time..: 20:25	MDL.....: 0.70	
Zinc	**2.3 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FF11AL**
		Dilution Factor: 1		Analysis Time..: 20:25	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: MW08

TOTAL Metals

Lot-Sample #...: D9C120250-009 **Matrix.....:** WG
Date Sampled...: 03/10/09 15:00 **Date Received..:** 03/12/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9072200						
Barium	**74 B**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FF31AC**
		Dilution Factor: 1		Analysis Time..: 01:50	MDL.....: 0.58	
Vanadium	ND	25	ug/L	SW846 6010B	03/17-03/19/09	K8FF31AD
		Dilution Factor: 1		Analysis Time..: 01:50	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/19/09	K8FF31AN
		Dilution Factor: 1		Analysis Time..: 01:50	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FF31AP
		Dilution Factor: 1		Analysis Time..: 01:50	MDL.....: 0.93	
Cobalt	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FF31AQ
		Dilution Factor: 1		Analysis Time..: 01:50	MDL.....: 1.2	
Chromium	**0.72 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FF31AR**
		Dilution Factor: 1		Analysis Time..: 01:50	MDL.....: 0.66	
Lead	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FF31AT
		Dilution Factor: 1		Analysis Time..: 01:50	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	03/17-03/19/09	K8FF31AU
		Dilution Factor: 1		Analysis Time..: 01:50	MDL.....: 1.3	
Prep Batch #...: 9072210						
Arsenic	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FF31AE
		Dilution Factor: 1		Analysis Time..: 20:30	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	03/17-03/18/09	K8FF31AF
		Dilution Factor: 1		Analysis Time..: 20:30	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/17-03/18/09	K8FF31AG
		Dilution Factor: 1		Analysis Time..: 20:30	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	03/17-03/18/09	K8FF31AH
		Dilution Factor: 1		Analysis Time..: 20:30	MDL.....: 0.020	
Copper	**0.57 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FF31AJ**
		Dilution Factor: 1		Analysis Time..: 20:30	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: MW08

TOTAL Metals

Lot-Sample #...: D9C120250-009 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**0.95 B,J**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FF31AK**
		Dilution Factor: 1		Analysis Time..: 20:30	MDL.....: 0.70	
Zinc	**2.0 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FF31AL**
		Dilution Factor: 1		Analysis Time..: 20:30	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: MW09R

TOTAL Metals

Lot-Sample #...: D9C120250-010 **Matrix.....:** WG
Date Sampled...: 03/11/09 08:03 **Date Received..:** 03/12/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9072200						
Barium	**16 B**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FF71AC**
		Dilution Factor: 1		Analysis Time..: 01:54	MDL.....: 0.58	
Vanadium	**8.6 B**	**25**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FF71AD**
		Dilution Factor: 1		Analysis Time..: 01:54	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/19/09	K8FF71AN
		Dilution Factor: 1		Analysis Time..: 01:54	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FF71AP
		Dilution Factor: 1		Analysis Time..: 01:54	MDL.....: 0.93	
Cobalt	**2.3 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FF71AQ**
		Dilution Factor: 1		Analysis Time..: 01:54	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FF71AR
		Dilution Factor: 1		Analysis Time..: 01:54	MDL.....: 0.66	
Lead	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FF71AT
		Dilution Factor: 1		Analysis Time..: 01:54	MDL.....: 2.6	
Nickel	**4.6 B**	**50**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FF71AU**
		Dilution Factor: 1		Analysis Time..: 01:54	MDL.....: 1.3	
Prep Batch #...: 9072210						
Arsenic	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FF71AE
		Dilution Factor: 1		Analysis Time..: 20:39	MDL.....: 0.21	
Cadmium	**0.076 B**	**1.0**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FF71AF**
		Dilution Factor: 1		Analysis Time..: 20:39	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/17-03/18/09	K8FF71AG
		Dilution Factor: 1		Analysis Time..: 20:39	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	03/17-03/18/09	K8FF71AH
		Dilution Factor: 1		Analysis Time..: 20:39	MDL.....: 0.020	
Copper	**3.1 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FF71AJ**
		Dilution Factor: 1		Analysis Time..: 20:39	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: MW09R

TOTAL Metals

Lot-Sample #...: D9C120250-010 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	1.1 B,J	10	ug/L	SW846 6020	03/17-03/18/09	K8FF71AK
		Dilution Factor: 1		Analysis Time..: 20:39	MDL.....: 0.70	
Zinc	8.3 B	10	ug/L	SW846 6020	03/17-03/18/09	K8FF71AL
		Dilution Factor: 1		Analysis Time..: 20:39	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: MW10

TOTAL Metals

Lot-Sample #...: D9C120250-011 **Matrix.....:** WG
Date Sampled...: 03/10/09 16:46 **Date Received..:** 03/12/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9072200						
Barium	**6.1 B**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FF91AC**
		Dilution Factor: 1		Analysis Time..: 01:58	MDL.....: 0.58	
Vanadium	**4.7 B**	**25**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FF91AD**
		Dilution Factor: 1		Analysis Time..: 01:58	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/19/09	K8FF91AN
		Dilution Factor: 1		Analysis Time..: 01:58	MDL.....: 0.47	
Silver	**0.95 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FF91AP**
		Dilution Factor: 1		Analysis Time..: 01:58	MDL.....: 0.93	
Cobalt	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FF91AQ
		Dilution Factor: 1		Analysis Time..: 01:58	MDL.....: 1.2	
Chromium	**3.8 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FF91AR**
		Dilution Factor: 1		Analysis Time..: 01:58	MDL.....: 0.66	
Lead	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FF91AT
		Dilution Factor: 1		Analysis Time..: 01:58	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	03/17-03/19/09	K8FF91AU
		Dilution Factor: 1		Analysis Time..: 01:58	MDL.....: 1.3	
Prep Batch #...: 9072210						
Arsenic	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FF91AE
		Dilution Factor: 1		Analysis Time..: 20:53	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	03/17-03/18/09	K8FF91AF
		Dilution Factor: 1		Analysis Time..: 20:53	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/17-03/18/09	K8FF91AG
		Dilution Factor: 1		Analysis Time..: 20:53	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	03/17-03/18/09	K8FF91AH
		Dilution Factor: 1		Analysis Time..: 20:53	MDL.....: 0.020	
Copper	**0.76 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FF91AJ**
		Dilution Factor: 1		Analysis Time..: 20:53	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: MW10

TOTAL Metals

Lot-Sample #...: D9C120250-011 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FF91AK
		Dilution Factor: 1		Analysis Time..: 20:53	MDL.....: 0.70	
Zinc	**4.8 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FF91AL**
		Dilution Factor: 1		Analysis Time..: 20:53	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: MW11

TOTAL Metals

Lot-Sample #...: D9C120250-012 **Matrix.....:** WG
Date Sampled...: 03/10/09 16:57 **Date Received..:** 03/12/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9072200						
Barium	**56 B**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FGA1AC**
		Dilution Factor: 1		Analysis Time..: 02:19	MDL.....: 0.58	
Vanadium	**1.5 B**	**25**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FGA1AD**
		Dilution Factor: 1		Analysis Time..: 02:19	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/19/09	K8FGA1AN
		Dilution Factor: 1		Analysis Time..: 02:19	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FGA1AP
		Dilution Factor: 1		Analysis Time..: 02:19	MDL.....: 0.93	
Cobalt	**2.1 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FGA1AQ**
		Dilution Factor: 1		Analysis Time..: 02:19	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FGA1AR
		Dilution Factor: 1		Analysis Time..: 02:19	MDL.....: 0.66	
Lead	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FGA1AT
		Dilution Factor: 1		Analysis Time..: 02:19	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	03/17-03/19/09	K8FGA1AU
		Dilution Factor: 1		Analysis Time..: 02:19	MDL.....: 1.3	
Prep Batch #...: 9072210						
Arsenic	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FGA1AE
		Dilution Factor: 1		Analysis Time..: 20:57	MDL.....: 0.21	
Cadmium	**0.043 B**	**1.0**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FGA1AF**
		Dilution Factor: 1		Analysis Time..: 20:57	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/17-03/18/09	K8FGA1AG
		Dilution Factor: 1		Analysis Time..: 20:57	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	03/17-03/18/09	K8FGA1AH
		Dilution Factor: 1		Analysis Time..: 20:57	MDL.....: 0.020	
Copper	**0.91 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FGA1AJ**
		Dilution Factor: 1		Analysis Time..: 20:57	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: MW11

TOTAL Metals

Lot-Sample #...: D9C120250-012 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FGA1AK
		Dilution Factor: 1		Analysis Time..: 20:57	MDL.....: 0.70	
Zinc	**8.0 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FGA1AL**
		Dilution Factor: 1		Analysis Time..: 20:57	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: MW11D

TOTAL Metals

Lot-Sample #...: D9C120250-013 **Matrix.....:** WG
Date Sampled...: 03/10/09 16:22 **Date Received..:** 03/12/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9072200						
Barium	**30 B**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FGD1AC**
		Dilution Factor: 1		Analysis Time..: 02:23	MDL.....: 0.58	
Vanadium	**14 B**	**25**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FGD1AD**
		Dilution Factor: 1		Analysis Time..: 02:23	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/19/09	K8FGD1AN
		Dilution Factor: 1		Analysis Time..: 02:23	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FGD1AP
		Dilution Factor: 1		Analysis Time..: 02:23	MDL.....: 0.93	
Cobalt	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FGD1AQ
		Dilution Factor: 1		Analysis Time..: 02:23	MDL.....: 1.2	
Chromium	**6.7 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FGD1AR**
		Dilution Factor: 1		Analysis Time..: 02:23	MDL.....: 0.66	
Lead	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FGD1AT
		Dilution Factor: 1		Analysis Time..: 02:23	MDL.....: 2.6	
Nickel	**1.3 B**	**50**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FGD1AU**
		Dilution Factor: 1		Analysis Time..: 02:23	MDL.....: 1.3	
Prep Batch #...: 9072210						
Arsenic	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FGD1AE
		Dilution Factor: 1		Analysis Time..: 21:02	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	03/17-03/18/09	K8FGD1AF
		Dilution Factor: 1		Analysis Time..: 21:02	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/17-03/18/09	K8FGD1AG
		Dilution Factor: 1		Analysis Time..: 21:02	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	03/17-03/18/09	K8FGD1AH
		Dilution Factor: 1		Analysis Time..: 21:02	MDL.....: 0.020	
Copper	**8.3 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FGD1AJ**
		Dilution Factor: 1		Analysis Time..: 21:02	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: MW11D

TOTAL Metals

Lot-Sample #...: D9C120250-013 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FGD1AK
		Dilution Factor: 1		Analysis Time..: 21:02	MDL.....: 0.70	
Zinc	**7.5 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FGD1AL**
		Dilution Factor: 1		Analysis Time..: 21:02	MDL.....: 2.0	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: MW12

TOTAL Metals

Lot-Sample #...: D9C120250-014 **Matrix.....:** WG
Date Sampled...: 03/10/09 13:52 **Date Received..:** 03/12/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9072200						
Barium	**25 B**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FGR1AC**
		Dilution Factor: 1		Analysis Time..: 02:27	MDL.....: 0.58	
Vanadium	**5.9 B**	**25**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FGR1AD**
		Dilution Factor: 1		Analysis Time..: 02:27	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/19/09	K8FGR1AN
		Dilution Factor: 1		Analysis Time..: 02:27	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FGR1AP
		Dilution Factor: 1		Analysis Time..: 02:27	MDL.....: 0.93	
Cobalt	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FGR1AQ
		Dilution Factor: 1		Analysis Time..: 02:27	MDL.....: 1.2	
Chromium	**5.3 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FGR1AR**
		Dilution Factor: 1		Analysis Time..: 02:27	MDL.....: 0.66	
Lead	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FGR1AT
		Dilution Factor: 1		Analysis Time..: 02:27	MDL.....: 2.6	
Nickel	**2.0 B**	**50**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FGR1AU**
		Dilution Factor: 1		Analysis Time..: 02:27	MDL.....: 1.3	
Prep Batch #...: 9072210						
Arsenic	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FGR1AE
		Dilution Factor: 1		Analysis Time..: 21:15	MDL.....: 0.21	
Cadmium	**0.076 B**	**1.0**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FGR1AF**
		Dilution Factor: 1		Analysis Time..: 21:15	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/17-03/18/09	K8FGR1AG
		Dilution Factor: 1		Analysis Time..: 21:15	MDL.....: 0.070	
Thallium	**0.029 B,J**	**5.5**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FGR1AH**
		Dilution Factor: 1		Analysis Time..: 21:15	MDL.....: 0.020	
Copper	**3.6 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FGR1AJ**
		Dilution Factor: 1		Analysis Time..: 21:15	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: MW12

TOTAL Metals

Lot-Sample #...: D9C120250-014 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**1.3 B,J**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FGR1AK**
		Dilution Factor: 1		Analysis Time..: 21:15	MDL.....: 0.70	
Zinc	**7.0 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FGR1AL**
		Dilution Factor: 1		Analysis Time..: 21:15	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: MW12D

TOTAL Metals

Lot-Sample #...: D9C120250-015 **Matrix.....:** WG
Date Sampled...: 03/10/09 14:55 **Date Received..:** 03/12/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9072200						
Barium	**13 B**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FGX1AC**
		Dilution Factor: 1		Analysis Time..: 02:30	MDL.....: 0.58	
Vanadium	**7.5 B**	**25**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FGX1AD**
		Dilution Factor: 1		Analysis Time..: 02:30	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/19/09	K8FGX1AN
		Dilution Factor: 1		Analysis Time..: 02:30	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FGX1AP
		Dilution Factor: 1		Analysis Time..: 02:30	MDL.....: 0.93	
Cobalt	**1.3 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FGX1AQ**
		Dilution Factor: 1		Analysis Time..: 02:30	MDL.....: 1.2	
Chromium	**4.9 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FGX1AR**
		Dilution Factor: 1		Analysis Time..: 02:30	MDL.....: 0.66	
Lead	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FGX1AT
		Dilution Factor: 1		Analysis Time..: 02:30	MDL.....: 2.6	
Nickel	**2.1 B**	**50**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8FGX1AU**
		Dilution Factor: 1		Analysis Time..: 02:30	MDL.....: 1.3	
Prep Batch #...: 9072210						
Arsenic	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FGX1AE
		Dilution Factor: 1		Analysis Time..: 21:20	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	03/17-03/18/09	K8FGX1AF
		Dilution Factor: 1		Analysis Time..: 21:20	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/17-03/18/09	K8FGX1AG
		Dilution Factor: 1		Analysis Time..: 21:20	MDL.....: 0.070	
Thallium	**0.024 B,J**	**5.5**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FGX1AH**
		Dilution Factor: 1		Analysis Time..: 21:20	MDL.....: 0.020	
Copper	**3.8 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FGX1AJ**
		Dilution Factor: 1		Analysis Time..: 21:20	MDL.....: 0.56	

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Waste Management, Inc.

Client Sample ID: MW12D

TOTAL Metals

Lot-Sample #...: D9C120250-015 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FGX1AK
		Dilution Factor: 1		Analysis Time..: 21:20	MDL.....: 0.70	
Zinc	**8.3 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8FGX1AL**
		Dilution Factor: 1		Analysis Time..: 21:20	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: 01FB

TOTAL Metals

Lot-Sample #...: D9C120250-016 **Matrix.....:** WQ
Date Sampled...: 03/11/09 08:30 **Date Received..:** 03/12/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9072200						
Barium	ND	100	ug/L	SW846 6010B	03/17-03/19/09	K8FHK1AC
		Dilution Factor: 1		Analysis Time..: 02:34	MDL.....: 0.58	
Vanadium	ND	25	ug/L	SW846 6010B	03/17-03/19/09	K8FHK1AD
		Dilution Factor: 1		Analysis Time..: 02:34	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/19/09	K8FHK1AN
		Dilution Factor: 1		Analysis Time..: 02:34	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FHK1AP
		Dilution Factor: 1		Analysis Time..: 02:34	MDL.....: 0.93	
Cobalt	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FHK1AQ
		Dilution Factor: 1		Analysis Time..: 02:34	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FHK1AR
		Dilution Factor: 1		Analysis Time..: 02:34	MDL.....: 0.66	
Lead	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8FHK1AT
		Dilution Factor: 1		Analysis Time..: 02:34	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	03/17-03/19/09	K8FHK1AU
		Dilution Factor: 1		Analysis Time..: 02:34	MDL.....: 1.3	
Prep Batch #...: 9072210						
Arsenic	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FHK1AE
		Dilution Factor: 1		Analysis Time..: 21:24	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	03/17-03/18/09	K8FHK1AF
		Dilution Factor: 1		Analysis Time..: 21:24	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/17-03/18/09	K8FHK1AG
		Dilution Factor: 1		Analysis Time..: 21:24	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	03/17-03/18/09	K8FHK1AH
		Dilution Factor: 1		Analysis Time..: 21:24	MDL.....: 0.020	
Copper	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FHK1AJ
		Dilution Factor: 1		Analysis Time..: 21:24	MDL.....: 0.56	

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 01FB

TOTAL Metals

Lot-Sample #...: D9C120250-016 **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FHK1AK
		Dilution Factor: 1		Analysis Time..: 21:24	MDL.....: 0.70	
Zinc	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8FHK1AL
		Dilution Factor: 1		Analysis Time..: 21:24	MDL.....: 2.0	

Waste Management, Inc.

Client Sample ID: MW01

General Chemistry

Lot-Sample #...: D9C120250-001 Work Order #...: K8FE9 Matrix.....: WG
Date Sampled...: 03/10/09 15:33 Date Received..: 03/12/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Depth to Water	44.38		ft	NONE Depth to Wat	03/10/09	9076143
		Dilution Factor: 1		Analysis Time..: 15:33	MDL.....:	
Field eH (Redox)	107		mV	NONE Field eH (Re	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 15:33	MDL.....:	
Field pH	6.35	0.1	No Units	MCAWW 150.1	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 15:33	MDL.....:	
Field Conductivity	97	1	umhos/cm	MCAWW 120.1	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 15:33	MDL.....:	
Field Dissolved Oxygen	4.8	0.5	mg/L	MCAWW 360.1	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 15:33	MDL.....: 0.01	
Field Temperature	14.3	--	deg C	MCAWW 170.1	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 15:33	MDL.....:	
Field Turbidity	0.8		NTU	MCAWW 180.1	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 15:33	MDL.....:	
Groundwater Elevation	779.55		ft/msl	NONE GW Elevation	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 15:33	MDL.....:	
Well Elevation	823.93		ft/msl	NONE Well Elevati	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 15:33	MDL.....:	

Waste Management, Inc.

Client Sample ID: MW02

General Chemistry

Lot-Sample #...: D9C120250-002 Work Order #...: K8FFK Matrix.....: WG
Date Sampled...: 03/10/09 16:17 Date Received..: 03/12/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Depth to Water	28.70		ft	NONE Depth to Wat	03/10/09	9076143
		Dilution Factor: 1		Analysis Time..: 16:17	MDL.....:	
Field eH (Redox)	222		mV	NONE Field eH (Re	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 16:17	MDL.....:	
Field pH	5.21	0.1	No Units	MCAWW 150.1	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 16:17	MDL.....:	
Field Conductivity	114	1	umhos/cm	MCAWW 120.1	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 16:17	MDL.....:	
Field Dissolved Oxygen	1.5	0.5	mg/L	MCAWW 360.1	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 16:17	MDL.....: 0.01	
Field Temperature	15.5	--	deg C	MCAWW 170.1	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 16:17	MDL.....:	
Field Turbidity	0.3		NTU	MCAWW 180.1	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 16:17	MDL.....:	
Groundwater Elevation	746.34		ft/msl	NONE GW Elevation	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 16:17	MDL.....:	
Well Elevation	778.04		ft/msl	NONE Well Elevati	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 16:17	MDL.....:	

Waste Management, Inc.

Client Sample ID: MW03

General Chemistry

Lot-Sample #...: D9C120250-003 Work Order #...: K8FFM Matrix.....: WG
Date Sampled...: 03/10/09 17:28 Date Received..: 03/12/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Depth to Water	25.41		ft	NONE Depth to Wat	03/10/09	9076143
		Dilution Factor: 1		Analysis Time..: 17:28	MDL.....:	
Field eH (Redox)	161.7		mV	NONE Field eH (Re	03/10/09	9076144
		Dilution Factor: 1		Analysis Time..: 17:28	MDL.....:	
Field pH	5.86	0.1	No Units	MCAWW 150.1	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 17:28	MDL.....:	
Field Conductivity	140	1	umhos/cm	MCAWW 120.1	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 17:28	MDL.....:	
Field Dissolved Oxygen	2.1	0.5	mg/L	MCAWW 360.1	03/10/09	9076144
		Dilution Factor: 1		Analysis Time..: 17:28	MDL.....: 0.01	
Field Temperature	15.2	--	deg C	MCAWW 170.1	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 17:28	MDL.....:	
Field Turbidity	1.0		NTU	MCAWW 180.1	03/10/09	9076144
		Dilution Factor: 1		Analysis Time..: 17:28	MDL.....:	
Groundwater Elevation	744.67		ft/msl	NONE GW Elevation	03/10/09	9076142
		Dilution Factor: 1		Analysis Time..: 17:28	MDL.....:	
Well Elevation	770.08		ft/msl	NONE Well Elevati	03/10/09	9076144
		Dilution Factor: 1		Analysis Time..: 17:28	MDL.....:	

Waste Management, Inc.

Client Sample ID: MW04

General Chemistry

Lot-Sample #...: D9C120250-004 Work Order #...: K8FFN Matrix.....: WG
Date Sampled...: 03/10/09 14:20 Date Received..: 03/12/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Depth to Water	13.01		ft	NONE Depth to Wat	03/10/09	9076143
		Dilution Factor: 1		Analysis Time..: 14:20	MDL.....:	
Field eH (Redox)	126.6		mV	NONE Field eH (Re	03/10/09	9076144
		Dilution Factor: 1		Analysis Time..: 14:20	MDL.....:	
Field pH	5.53	0.1	No Units	MCAWW 150.1	03/10/09	9076144
		Dilution Factor: 1		Analysis Time..: 14:20	MDL.....:	
Field Conductivity	71	1	umhos/cm	MCAWW 120.1	03/10/09	9076144
		Dilution Factor: 1		Analysis Time..: 14:20	MDL.....:	
Field Dissolved Oxygen	1.9	0.5	mg/L	MCAWW 360.1	03/10/09	9076144
		Dilution Factor: 1		Analysis Time..: 14:20	MDL.....: 0.01	
Field Temperature	15.6	--	deg C	MCAWW 170.1	03/10/09	9076144
		Dilution Factor: 1		Analysis Time..: 14:20	MDL.....:	
Field Turbidity	1.1		NTU	MCAWW 180.1	03/10/09	9076144
		Dilution Factor: 1		Analysis Time..: 14:20	MDL.....:	
Groundwater Elevation	743.91		ft/msl	NONE GW Elevation	03/10/09	9076144
		Dilution Factor: 1		Analysis Time..: 14:20	MDL.....:	
Well Elevation	756.92		ft/msl	NONE Well Elevati	03/10/09	9076144
		Dilution Factor: 1		Analysis Time..: 14:20	MDL.....:	

Waste Management, Inc.

Client Sample ID: MW04D

General Chemistry

Lot-Sample #...: D9C120250-005 Work Order #...: K8FFR Matrix.....: WG
Date Sampled...: 03/11/09 07:45 Date Received..: 03/12/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Depth to Water	13.19		ft	NONE Depth to Wat	03/11/09	9076143
		Dilution Factor: 1		Analysis Time..: 07:47	MDL.....:	
Field eH (Redox)	123.1		mV	NONE Field eH (Re	03/11/09	9076144
		Dilution Factor: 1		Analysis Time..: 07:47	MDL.....:	
Field pH	6.03	0.1	No Units	MCAWW 150.1	03/11/09	9076144
		Dilution Factor: 1		Analysis Time..: 07:47	MDL.....:	
Field Conductivity	100	1	umhos/cm	MCAWW 120.1	03/11/09	9076144
		Dilution Factor: 1		Analysis Time..: 07:47	MDL.....:	
Field Dissolved Oxygen	2.8	0.5	mg/L	MCAWW 360.1	03/11/09	9076144
		Dilution Factor: 1		Analysis Time..: 07:47	MDL.....: 0.01	
Field Temperature	15.8	--	deg C	MCAWW 170.1	03/11/09	9076144
		Dilution Factor: 1		Analysis Time..: 07:47	MDL.....:	
Field Turbidity	62.7		NTU	MCAWW 180.1	03/11/09	9076144
		Dilution Factor: 1		Analysis Time..: 07:47	MDL.....:	
Groundwater Elevation	744.14		ft/msl	NONE GW Elevation	03/11/09	9076144
		Dilution Factor: 1		Analysis Time..: 07:47	MDL.....:	
Well Elevation	757.33		ft/msl	NONE Well Elevati	03/11/09	9076144
		Dilution Factor: 1		Analysis Time..: 07:47	MDL.....:	

Waste Management, Inc.

Client Sample ID: MW05

General Chemistry

Lot-Sample #...: D9C120250-006 Work Order #...: K8FFV Matrix.....: WG
Date Sampled...: 03/11/09 08:34 Date Received..: 03/12/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Depth to Water	5.21		ft	NONE Depth to Wat	03/11/09	9076143
		Dilution Factor: 1		Analysis Time..: 08:34	MDL.....:	
Field eH (Redox)	124.4		mV	NONE Field eH (Re	03/11/09	9076145
		Dilution Factor: 1		Analysis Time..: 08:34	MDL.....:	
Field pH	5.98	0.1	No Units	MCAWW 150.1	03/11/09	9076145
		Dilution Factor: 1		Analysis Time..: 08:34	MDL.....:	
Field Conductivity	277	1	umhos/cm	MCAWW 120.1	03/11/09	9076145
		Dilution Factor: 1		Analysis Time..: 08:34	MDL.....:	
Field Dissolved Oxygen	1.4	0.5	mg/L	MCAWW 360.1	03/11/09	9076145
		Dilution Factor: 1		Analysis Time..: 08:34	MDL.....: 0.01	
Field Temperature	13.8	--	deg C	MCAWW 170.1	03/11/09	9076145
		Dilution Factor: 1		Analysis Time..: 08:34	MDL.....:	
Field Turbidity	6.1		NTU	MCAWW 180.1	03/11/09	9076145
		Dilution Factor: 1		Analysis Time..: 08:34	MDL.....:	
Groundwater Elevation	737.96		ft/msl	NONE GW Elevation	03/11/09	9076145
		Dilution Factor: 1		Analysis Time..: 08:34	MDL.....:	
Well Elevation	743.17		ft/msl	NONE Well Elevati	03/11/09	9076145
		Dilution Factor: 1		Analysis Time..: 08:34	MDL.....:	

Waste Management, Inc.

Client Sample ID: MW06

General Chemistry

Lot-Sample #...: D9C120250-007 Work Order #...: K8FF0 Matrix.....: WG
Date Sampled...: 03/10/09 15:32 Date Received..: 03/12/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Depth to Water	23.80		ft	NONE Depth to Wat	03/10/09	9076143
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....:	
Field eH (Redox)	179.1		mV	NONE Field eH (Re	03/10/09	9076145
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....:	
Field pH	5.26	0.1	No Units	MCAWW 150.1	03/10/09	9076145
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....:	
Field Conductivity	29	1	umhos/cm	MCAWW 120.1	03/10/09	9076145
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....:	
Field Dissolved Oxygen	3.1	0.5	mg/L	MCAWW 360.1	03/10/09	9076145
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 0.01	
Field Temperature	16.6	--	deg C	MCAWW 170.1	03/10/09	9076145
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....:	
Field Turbidity	3.1		NTU	MCAWW 180.1	03/10/09	9076145
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....:	
Groundwater Elevation	777.07		ft/msl	NONE GW Elevation	03/10/09	9076145
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....:	
Well Elevation	800.87		ft/msl	NONE Well Elevati	03/10/09	9076145
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....:	

Waste Management, Inc.

Client Sample ID: MW07

General Chemistry

Lot-Sample #...: D9C120250-008 **Work Order #...:** K8FF1 **Matrix.....:** WG
Date Sampled...: 03/10/09 17:26 **Date Received..:** 03/12/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Depth to Water	25.73		ft	NONE Depth to Wat	03/10/09	9076143
		Dilution Factor: 1		Analysis Time..: 17:26	MDL.....:	
Field eH (Redox)	202		mV	NONE Field eH (Re	03/10/09	9076146
		Dilution Factor: 1		Analysis Time..: 17:26	MDL.....:	
Field pH	5.60	0.1	No Units	MCAWW 150.1	03/10/09	9076145
		Dilution Factor: 1		Analysis Time..: 17:26	MDL.....:	
Field Conductivity	132	1	umhos/cm	MCAWW 120.1	03/10/09	9076145
		Dilution Factor: 1		Analysis Time..: 17:26	MDL.....:	
Field Dissolved Oxygen	5.2	0.5	mg/L	MCAWW 360.1	03/10/09	9076146
		Dilution Factor: 1		Analysis Time..: 17:26	MDL.....: 0.01	
Field Temperature	15.1	--	deg C	MCAWW 170.1	03/10/09	9076145
		Dilution Factor: 1		Analysis Time..: 17:26	MDL.....:	
Field Turbidity	0.9		NTU	MCAWW 180.1	03/10/09	9076146
		Dilution Factor: 1		Analysis Time..: 17:26	MDL.....:	
Groundwater Elevation	745.84		ft/msl	NONE GW Elevation	03/10/09	9076145
		Dilution Factor: 1		Analysis Time..: 17:26	MDL.....:	
Well Elevation	771.57		ft/msl	NONE Well Elevati	03/10/09	9076146
		Dilution Factor: 1		Analysis Time..: 17:26	MDL.....:	

Waste Management, Inc.

Client Sample ID: MW08

General Chemistry

Lot-Sample #...: D9C120250-009 Work Order #...: K8FF3 Matrix.....: WG
Date Sampled...: 03/10/09 15:00 Date Received..: 03/12/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Depth to Water	5.43		ft	NONE Depth to Wat	03/10/09	9076143
		Dilution Factor: 1		Analysis Time..: 15:00	MDL.....:	
Field eH (Redox)	89.7		mV	NONE Field eH (Re	03/10/09	9076146
		Dilution Factor: 1		Analysis Time..: 15:00	MDL.....:	
Field pH	5.46	0.1	No Units	MCAWW 150.1	03/10/09	9076146
		Dilution Factor: 1		Analysis Time..: 15:00	MDL.....:	
Field Conductivity	131	1	umhos/cm	MCAWW 120.1	03/10/09	9076146
		Dilution Factor: 1		Analysis Time..: 15:00	MDL.....:	
Field Dissolved Oxygen	1.4	0.5	mg/L	MCAWW 360.1	03/10/09	9076146
		Dilution Factor: 1		Analysis Time..: 15:00	MDL.....: 0.01	
Field Temperature	12.7	--	deg C	MCAWW 170.1	03/10/09	9076146
		Dilution Factor: 1		Analysis Time..: 15:00	MDL.....:	
Field Turbidity	10.6		NTU	MCAWW 180.1	03/10/09	9076146
		Dilution Factor: 1		Analysis Time..: 15:00	MDL.....:	
Groundwater Elevation	743.52		ft/msl	NONE GW Elevation	03/10/09	9076146
		Dilution Factor: 1		Analysis Time..: 15:00	MDL.....:	
Well Elevation	748.95		ft/msl	NONE Well Elevati	03/10/09	9076146
		Dilution Factor: 1		Analysis Time..: 15:00	MDL.....:	

Waste Management, Inc.

Client Sample ID: MW09R

General Chemistry

Lot-Sample #...: D9C120250-010 Work Order #...: K8FF7 Matrix.....: WG
Date Sampled...: 03/11/09 08:03 Date Received..: 03/12/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Depth to Water	26.60		ft	NONE Depth to Wat	03/11/09	9076143
		Dilution Factor: 1		Analysis Time..: 08:03	MDL.....:	
Field eH (Redox)	60		mV	NONE Field eH (Re	03/11/09	9076146
		Dilution Factor: 1		Analysis Time..: 08:03	MDL.....:	
Field pH	6.05	0.1	No Units	MCAWW 150.1	03/11/09	9076146
		Dilution Factor: 1		Analysis Time..: 08:03	MDL.....:	
Field Conductivity	362	1	umhos/cm	MCAWW 120.1	03/11/09	9076146
		Dilution Factor: 1		Analysis Time..: 08:03	MDL.....:	
Field Dissolved Oxygen	1.7	0.5	mg/L	MCAWW 360.1	03/11/09	9076146
		Dilution Factor: 1		Analysis Time..: 08:03	MDL.....: 0.01	
Field Temperature	15.6	--	deg C	MCAWW 170.1	03/11/09	9076146
		Dilution Factor: 1		Analysis Time..: 08:03	MDL.....:	
Field Turbidity	0.3		NTU	MCAWW 180.1	03/11/09	9076146
		Dilution Factor: 1		Analysis Time..: 08:03	MDL.....:	
Groundwater Elevation	738.35		ft/msl	NONE GW Elevation	03/11/09	9076146
		Dilution Factor: 1		Analysis Time..: 08:03	MDL.....:	
Well Elevation	764.95		ft/msl	NONE Well Elevati	03/11/09	9076146
		Dilution Factor: 1		Analysis Time..: 08:03	MDL.....:	

Waste Management, Inc.

Client Sample ID: MW10

General Chemistry

Lot-Sample #...: D9C120250-011 Work Order #...: K8FF9 Matrix.....: WG
Date Sampled...: 03/10/09 16:46 Date Received..: 03/12/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Depth to Water	29.53		ft	NONE Depth to Wat	03/10/09	9076143
		Dilution Factor: 1		Analysis Time..: 16:46	MDL.....:	
Field eH (Redox)	206		mV	NONE Field eH (Re	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:46	MDL.....:	
Field pH	5.77	0.1	No Units	MCAWW 150.1	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:46	MDL.....:	
Field Conductivity	120	1	umhos/cm	MCAWW 120.1	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:46	MDL.....:	
Field Dissolved Oxygen	5.0	0.5	mg/L	MCAWW 360.1	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:46	MDL.....: 0.01	
Field Temperature	15.6	--	deg C	MCAWW 170.1	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:46	MDL.....:	
Field Turbidity	1.0		NTU	MCAWW 180.1	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:46	MDL.....:	
Groundwater Elevation	747.67		ft/msl	NONE GW Elevation	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:46	MDL.....:	
Well Elevation	777.20		ft/msl	NONE Well Elevati	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:46	MDL.....:	

Waste Management, Inc.

Client Sample ID: MW11

General Chemistry

Lot-Sample #...: D9C120250-012 Work Order #...: K8FGA Matrix.....: WG
Date Sampled...: 03/10/09 16:57 Date Received..: 03/12/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Depth to Water	28.67		ft	NONE Depth to Wat	03/10/09	9076143
		Dilution Factor: 1		Analysis Time..: 16:56	MDL.....:	
Field eH (Redox)	103.4		mV	NONE Field eH (Re	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:56	MDL.....:	
Field pH	5.42	0.1	No Units	MCAWW 150.1	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:56	MDL.....:	
Field Conductivity	138	1	umhos/cm	MCAWW 120.1	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:56	MDL.....:	
Field Dissolved Oxygen	1.8	0.5	mg/L	MCAWW 360.1	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:56	MDL.....: 0.01	
Field Temperature	15.7	--	deg C	MCAWW 170.1	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:56	MDL.....:	
Field Turbidity	4.1		NTU	MCAWW 180.1	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:56	MDL.....:	
Groundwater Elevation	748.13		ft/msl	NONE GW Elevation	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:56	MDL.....:	
Well Elevation	776.80		ft/msl	NONE Well Elevati	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:56	MDL.....:	

Waste Management, Inc.

Client Sample ID: MW11D

General Chemistry

Lot-Sample #...: D9C120250-013 Work Order #...: K8FGD Matrix.....: WG
Date Sampled...: 03/10/09 16:22 Date Received..: 03/12/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Depth to Water	28.60		ft	NONE Depth to Wat	03/10/09	9076143
		Dilution Factor: 1		Analysis Time..: 16:22	MDL.....:	
Field eH (Redox)	161.3		mV	NONE Field eH (Re	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 16:22	MDL.....:	
Field pH	6.31	0.1	No Units	MCAWW 150.1	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:22	MDL.....:	
Field Conductivity	67	1	umhos/cm	MCAWW 120.1	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:22	MDL.....:	
Field Dissolved Oxygen	1.7	0.5	mg/L	MCAWW 360.1	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 16:22	MDL.....: 0.01	
Field Temperature	15.4	--	deg C	MCAWW 170.1	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:22	MDL.....:	
Field Turbidity	19.4		NTU	MCAWW 180.1	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 16:22	MDL.....:	
Groundwater Elevation	747.76		ft/msl	NONE GW Elevation	03/10/09	9076147
		Dilution Factor: 1		Analysis Time..: 16:22	MDL.....:	
Well Elevation	776.36		ft/msl	NONE Well Elevati	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 16:22	MDL.....:	

Waste Management, Inc.

Client Sample ID: MW12

General Chemistry

Lot-Sample #...: D9C120250-014 Work Order #...: K8FGR Matrix.....: WG
Date Sampled...: 03/10/09 13:52 Date Received..: 03/12/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Depth to Water	6.11		ft	NONE Depth to Wat	03/10/09	9076143
		Dilution Factor: 1		Analysis Time..: 13:52	MDL.....:	
Field eH (Redox)	159		mV	NONE Field eH (Re	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 13:52	MDL.....:	
Field pH	5.77	0.1	No Units	MCAWW 150.1	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 13:52	MDL.....:	
Field Conductivity	126	1	umhos/cm	MCAWW 120.1	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 13:52	MDL.....:	
Field Dissolved Oxygen	3.5	0.5	mg/L	MCAWW 360.1	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 13:52	MDL.....: 0.01	
Field Temperature	15.2	--	deg C	MCAWW 170.1	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 13:52	MDL.....:	
Field Turbidity	14.5		NTU	MCAWW 180.1	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 13:52	MDL.....:	
Groundwater Elevation	745.37		ft/msl	NONE GW Elevation	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 13:52	MDL.....:	
Well Elevation	751.48		ft/msl	NONE Well Elevati	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 13:52	MDL.....:	

Waste Management, Inc.

Client Sample ID: MW12D

General Chemistry

Lot-Sample #...: D9C120250-015 Work Order #...: K8FGX Matrix.....: WG
Date Sampled...: 03/10/09 14:55 Date Received..: 03/12/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Depth to Water	5.52		ft	NONE Depth to Wat	03/10/09	9076143
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....:	
Field eH (Redox)	99		mV	NONE Field eH (Re	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....:	
Field pH	6.75	0.1	No Units	MCAWW 150.1	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....:	
Field Conductivity	194	1	umhos/cm	MCAWW 120.1	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....:	
Field Dissolved Oxygen	2.2	0.5	mg/L	MCAWW 360.1	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....: 0.01	
Field Temperature	14.4	--	deg C	MCAWW 170.1	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....:	
Field Turbidity	7.5		NTU	MCAWW 180.1	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....:	
Groundwater Elevation	745.96		ft/msl	NONE GW Elevation	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....:	
Well Elevation	751.48		ft/msl	NONE Well Elevati	03/10/09	9076148
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....:	

Waste Management, Inc.

Client Sample ID: 01FB

General Chemistry

Lot-Sample #...: D9C120250-016 Work Order #...: K8FHK Matrix.....: WQ
Date Sampled...: 03/11/09 08:30 Date Received..: 03/12/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Field pH	7.34	0.1	No Units	MCAWW 150.1	03/11/09	9076149
		Dilution Factor: 1		Analysis Time..: 08:30	MDL.....:	
Field Conductivity	1	1	umhos/cm	MCAWW 120.1	03/11/09	9076149
		Dilution Factor: 1		Analysis Time..: 08:30	MDL.....:	
Field Dissolved Oxygen	5.8	0.5	mg/L	MCAWW 360.1	03/11/09	9076149
		Dilution Factor: 1		Analysis Time..: 08:30	MDL.....: 0.01	
Field Temperature	19.0	--	deg C	MCAWW 170.1	03/11/09	9076149
		Dilution Factor: 1		Analysis Time..: 08:30	MDL.....:	
Field Turbidity	0.0		NTU	MCAWW 180.1	03/11/09	9076149
		Dilution Factor: 1		Analysis Time..: 08:30	MDL.....:	

QC DATA ASSOCIATION SUMMARY

D9C120250

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WG	NONE Depth to Wat		9076143	
	WG	NONE GW Elevation		9076142	
	WG	NONE Well Elevati		9076142	
	WG	NONE Field eH (Re		9076142	
	WG	MCAWW 170.1		9076142	
	WG	MCAWW 150.1		9076142	
	WG	MCAWW 120.1		9076142	
	WG	MCAWW 360.1		9076142	
	WG	SW846 6020		9072210	9072130
	WG	SW846 8260B		9082210	9082122
	WG	SW846 6010B		9072200	9072121
	WG	MCAWW 180.1		9076142	
002	WG	NONE Depth to Wat		9076143	
	WG	NONE GW Elevation		9076142	
	WG	NONE Well Elevati		9076142	
	WG	NONE Field eH (Re		9076142	
	WG	MCAWW 170.1		9076142	
	WG	MCAWW 150.1		9076142	
	WG	MCAWW 120.1		9076142	
	WG	MCAWW 360.1		9076142	
	WG	SW846 6020		9072210	9072130
	WG	SW846 8260B		9082210	9082122
	WG	SW846 6010B		9072200	9072121
	WG	MCAWW 180.1		9076142	
003	WG	NONE Depth to Wat		9076143	
	WG	NONE GW Elevation		9076142	
	WG	NONE Well Elevati		9076144	
	WG	NONE Field eH (Re		9076144	
	WG	MCAWW 170.1		9076142	
	WG	MCAWW 150.1		9076142	
	WG	MCAWW 120.1		9076142	
	WG	MCAWW 360.1		9076144	
	WG	SW846 6020		9072210	9072130
	WG	SW846 8260B		9082210	9082122
	WG	SW846 6010B		9072200	9072121
	WG	MCAWW 180.1		9076144	
004	WG	NONE Depth to Wat		9076143	
	WG	NONE GW Elevation		9076144	
	WG	NONE Well Elevati		9076144	
	WG	NONE Field eH (Re		9076144	

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QC DATA ASSOCIATION SUMMARY

D9C120250

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
004	WG	MCAWW 170.1		9076144	
	WG	MCAWW 150.1		9076144	
	WG	MCAWW 120.1		9076144	
	WG	MCAWW 360.1		9076144	
	WG	SW846 6020		9072210	9072130
	WG	SW846 8260B		9082210	9082122
	WG	SW846 6010B		9072200	9072121
	WG	MCAWW 180.1		9076144	
005	WG	NONE Depth to Wat		9076143	
	WG	NONE GW Elevation		9076144	
	WG	NONE Well Elevati		9076144	
	WG	NONE Field eH (Re		9076144	
	WG	MCAWW 170.1		9076144	
	WG	MCAWW 150.1		9076144	
	WG	MCAWW 120.1		9076144	
	WG	MCAWW 360.1		9076144	
	WG	SW846 6020		9072210	9072130
	WG	SW846 8260B		9082210	9082122
	WG	SW846 6010B		9072200	9072121
	WG	MCAWW 180.1		9076144	
006	WG	NONE Depth to Wat		9076143	
	WG	NONE GW Elevation		9076145	
	WG	NONE Well Elevati		9076145	
	WG	NONE Field eH (Re		9076145	
	WG	MCAWW 170.1		9076145	
	WG	MCAWW 150.1		9076145	
	WG	MCAWW 120.1		9076145	
	WG	MCAWW 360.1		9076145	
	WG	SW846 6020		9072210	9072130
	WG	SW846 8260B		9082210	9082122
	WG	SW846 6010B		9072200	9072121
	WG	MCAWW 180.1		9076145	
007	WG	NONE Depth to Wat		9076143	
	WG	NONE GW Elevation		9076145	
	WG	NONE Well Elevati		9076145	
	WG	NONE Field eH (Re		9076145	
	WG	MCAWW 170.1		9076145	
	WG	MCAWW 150.1		9076145	
	WG	MCAWW 120.1		9076145	
	WG	MCAWW 360.1		9076145	

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QC DATA ASSOCIATION SUMMARY

D9C120250

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
007	WG	SW846 6020		9072210	9072130
	WG	SW846 8260B		9082210	9082122
	WG	SW846 6010B		9072200	9072121
	WG	MCAWW 180.1		9076145	
008	WG	NONE Depth to Wat		9076143	
	WG	NONE GW Elevation		9076145	
	WG	NONE Well Elevati		9076146	
	WG	NONE Field eH (Re		9076146	
	WG	MCAWW 170.1		9076145	
	WG	MCAWW 150.1		9076145	
	WG	MCAWW 120.1		9076145	
	WG	MCAWW 360.1		9076146	
	WG	SW846 6020		9072210	9072130
	WG	SW846 8260B		9082210	9082122
	WG	SW846 6010B		9072200	9072121
	WG	MCAWW 180.1		9076146	
009	WG	NONE Depth to Wat		9076143	
	WG	NONE GW Elevation		9076146	
	WG	NONE Well Elevati		9076146	
	WG	NONE Field eH (Re		9076146	
	WG	MCAWW 170.1		9076146	
	WG	MCAWW 150.1		9076146	
	WG	MCAWW 120.1		9076146	
	WG	MCAWW 360.1		9076146	
	WG	SW846 6020		9072210	9072130
	WG	SW846 8260B		9082210	9082122
	WG	SW846 6010B		9072200	9072121
	WG	MCAWW 180.1		9076146	
010	WG	NONE Depth to Wat		9076143	
	WG	NONE GW Elevation		9076146	
	WG	NONE Well Elevati		9076146	
	WG	NONE Field eH (Re		9076146	
	WG	MCAWW 170.1		9076146	
	WG	MCAWW 150.1		9076146	
	WG	MCAWW 120.1		9076146	
	WG	MCAWW 360.1		9076146	
	WG	SW846 6020		9072210	9072130
	WG	SW846 8260B		9082210	9082122
	WG	SW846 6010B		9072200	9072121
	WG	MCAWW 180.1		9076146	

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QC DATA ASSOCIATION SUMMARY

D9C120250

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
011	WG	NONE Depth to Wat		9076143	
	WG	NONE GW Elevation		9076147	
	WG	NONE Well Elevati		9076147	
	WG	NONE Field eH (Re		9076147	
	WG	MCAWW 170.1		9076147	
	WG	MCAWW 150.1		9076147	
	WG	MCAWW 120.1		9076147	
	WG	MCAWW 360.1		9076147	
	WG	SW846 6020		9072210	9072130
	WG	SW846 8260B		9082210	9082122
	WG	SW846 6010B		9072200	9072121
	WG	MCAWW 180.1		9076147	
012	WG	NONE Depth to Wat		9076143	
	WG	NONE GW Elevation		9076147	
	WG	NONE Well Elevati		9076147	
	WG	NONE Field eH (Re		9076147	
	WG	MCAWW 170.1		9076147	
	WG	MCAWW 150.1		9076147	
	WG	MCAWW 120.1		9076147	
	WG	MCAWW 360.1		9076147	
	WG	SW846 6020		9072210	9072130
	WG	SW846 8260B		9082210	9082122
	WG	SW846 6010B		9072200	9072121
	WG	MCAWW 180.1		9076147	
013	WG	NONE Depth to Wat		9076143	
	WG	NONE GW Elevation		9076147	
	WG	NONE Well Elevati		9076148	
	WG	NONE Field eH (Re		9076148	
	WG	MCAWW 170.1		9076147	
	WG	MCAWW 150.1		9076147	
	WG	MCAWW 120.1		9076147	
	WG	MCAWW 360.1		9076148	
	WG	SW846 6020		9072210	9072130
	WG	SW846 8260B		9082210	9082122
	WG	SW846 6010B		9072200	9072121
	WG	MCAWW 180.1		9076148	
014	WG	NONE Depth to Wat		9076143	
	WG	NONE GW Elevation		9076148	
	WG	NONE Well Elevati		9076148	
	WG	NONE Field eH (Re		9076148	

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QC DATA ASSOCIATION SUMMARY

D9C120250

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
014	WG	MCAWW 170.1		9076148	
	WG	MCAWW 150.1		9076148	
	WG	MCAWW 120.1		9076148	
	WG	MCAWW 360.1		9076148	
	WG	SW846 6020		9072210	9072130
	WG	SW846 8260B		9082210	9082122
	WG	SW846 6010B		9072200	9072121
	WG	MCAWW 180.1		9076148	
015	WG	NONE Depth to Wat		9076143	
	WG	NONE GW Elevation		9076148	
	WG	NONE Well Elevati		9076148	
	WG	NONE Field eH (Re		9076148	
	WG	MCAWW 170.1		9076148	
	WG	MCAWW 150.1		9076148	
	WG	MCAWW 120.1		9076148	
	WG	MCAWW 360.1		9076148	
	WG	SW846 6020		9072210	9072130
	WG	SW846 8260B		9082210	9082122
	WG	SW846 6010B		9072200	9072121
	WG	MCAWW 180.1		9076148	
016	WQ	MCAWW 170.1		9076149	
	WQ	MCAWW 150.1		9076149	
	WQ	MCAWW 120.1		9076149	
	WQ	MCAWW 360.1		9076149	
	WQ	SW846 6020		9072210	9072130
	WQ	SW846 8260B		9082210	9082122
	WQ	SW846 6010B		9072200	9072121
	WQ	MCAWW 180.1		9076149	
017	WQ	SW846 8260B		9082210	9082122

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D9C120250 **Work Order #...:** K80W81AA **Matrix.....:** WATER
MB Lot-Sample #: D9C230000-210

Prep Date.....: 03/22/09 **Analysis Time..:** 12:39
Analysis Date..: 03/22/09 **Prep Batch #...:** 9082210
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 #...: D9C120250 **Work Order #...:** K80W81AA **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	90	(79 - 120)
1,2-Dichloroethane-d4	88	(65 - 126)
4-Bromofluorobenzene	93	(75 - 120)
Toluene-d8	107	(78 - 120)

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 #...: D9C120250 **Work Order #...:** K80W81AC **Matrix.....:** WATER
LCS Lot-Sample#: D9C230000-210
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 13:46
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**102**	**(68 - 133)**	**SW846 8260B**
Benzene	**105**	**(77 - 118)**	**SW846 8260B**
Chlorobenzene	**94**	**(78 - 118)**	**SW846 8260B**
Toluene	**97**	**(73 - 120)**	**SW846 8260B**
Trichloroethene	**93**	**(78 - 122)**	**SW846 8260B**
Chloroform	**95**	**(78 - 118)**	**SW846 8260B**
1,1-Dichloroethane	**101**	**(77 - 117)**	**SW846 8260B**
1,2-Dichloropropane	**104**	**(76 - 116)**	**SW846 8260B**
Ethylbenzene	**99**	**(78 - 118)**	**SW846 8260B**
Methylene chloride	**89**	**(71 - 119)**	**SW846 8260B**
Tetrachloroethene	**93**	**(77 - 117)**	**SW846 8260B**
1,1,1-Trichloroethane	**94**	**(78 - 118)**	**SW846 8260B**
Carbon tetrachloride	**92**	**(80 - 120)**	**SW846 8260B**
trans-1,2-Dichloroethene	**109**	**(80 - 120)**	**SW846 8260B**
Bromodichloromethane	**89**	**(78 - 118)**	**SW846 8260B**
1,3-Dichlorobenzene	**97**	**(75 - 115)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(79 - 120)
1,2-Dichloroethane-d4	88	(65 - 126)
4-Bromofluorobenzene	96	(75 - 120)
Toluene-d8	91	(78 - 120)

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 #...: D9C120250 **Work Order #...:** K80W81AC **Matrix.....:** WATER
LCS Lot-Sample#: D9C230000-210
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 13:46
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**5.00**	**5.08**	**ug/L**	**102**	**SW846 8260B**
Benzene	**5.00**	**5.24**	**ug/L**	**105**	**SW846 8260B**
Chlorobenzene	**5.00**	**4.71**	**ug/L**	**94**	**SW846 8260B**
Toluene	**5.00**	**4.87**	**ug/L**	**97**	**SW846 8260B**
Trichloroethene	**5.00**	**4.65**	**ug/L**	**93**	**SW846 8260B**
Chloroform	**5.00**	**4.75**	**ug/L**	**95**	**SW846 8260B**
1,1-Dichloroethane	**5.00**	**5.04**	**ug/L**	**101**	**SW846 8260B**
1,2-Dichloropropane	**5.00**	**5.21**	**ug/L**	**104**	**SW846 8260B**
Ethylbenzene	**5.00**	**4.94**	**ug/L**	**99**	**SW846 8260B**
Methylene chloride	**5.00**	**4.46**	**ug/L**	**89**	**SW846 8260B**
Tetrachloroethene	**5.00**	**4.65**	**ug/L**	**93**	**SW846 8260B**
1,1,1-Trichloroethane	**5.00**	**4.71**	**ug/L**	**94**	**SW846 8260B**
Carbon tetrachloride	**5.00**	**4.62**	**ug/L**	**92**	**SW846 8260B**
trans-1,2-Dichloroethene	**5.00**	**5.45**	**ug/L**	**109**	**SW846 8260B**
Bromodichloromethane	**5.00**	**4.47**	**ug/L**	**89**	**SW846 8260B**
1,3-Dichlorobenzene	**5.00**	**4.83**	**ug/L**	**97**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(79 - 120)
1,2-Dichloroethane-d4	88	(65 - 126)
4-Bromofluorobenzene	96	(75 - 120)
Toluene-d8	91	(78 - 120)

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 #...: D9C120250 Work Order #...: K8FE91CP-MS Matrix.....: WG
MS Lot-Sample #: D9C120250-001 K8FE91CQ-MSD
Date Sampled...: 03/10/09 15:33 Date Received..: 03/12/09
Prep Date.....: 03/22/09 Analysis Date..: 03/22/09
Prep Batch #...: 9082210 Analysis Time..: 14:26
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Toluene	101	(73 - 120)			SW846 8260B
	109	(73 - 120)	7.5	(0-20)	SW846 8260B
Trichloroethene	94	(78 - 122)			SW846 8260B
	96	(78 - 122)	2.4	(0-20)	SW846 8260B
1,1-Dichloroethene	100	(68 - 133)			SW846 8260B
	102	(68 - 133)	2.0	(0-20)	SW846 8260B
Benzene	106	(77 - 118)			SW846 8260B
	112	(77 - 118)	5.8	(0-20)	SW846 8260B
Chlorobenzene	95	(78 - 118)			SW846 8260B
	101	(78 - 118)	5.8	(0-20)	SW846 8260B
Chloroform	96	(78 - 118)			SW846 8260B
	98	(78 - 118)	2.1	(0-20)	SW846 8260B
1,1-Dichloroethane	101	(77 - 117)			SW846 8260B
	105	(77 - 117)	3.7	(0-21)	SW846 8260B
1,2-Dichloropropane	104	(76 - 116)			SW846 8260B
	114	(76 - 116)	8.4	(0-20)	SW846 8260B
Ethylbenzene	98	(78 - 118)			SW846 8260B
	103	(78 - 118)	4.8	(0-26)	SW846 8260B
Methylene chloride	102	(71 - 119)			SW846 8260B
	104	(71 - 119)	1.6	(0-20)	SW846 8260B
Tetrachloroethene	94	(77 - 117)			SW846 8260B
	101	(77 - 117)	6.5	(0-20)	SW846 8260B
1,1,1-Trichloroethane	93	(78 - 118)			SW846 8260B
	96	(78 - 118)	3.4	(0-20)	SW846 8260B
Carbon tetrachloride	90	(80 - 120)			SW846 8260B
	94	(80 - 120)	4.3	(0-21)	SW846 8260B
trans-1,2-Dichloroethene	105	(80 - 120)			SW846 8260B
	109	(80 - 120)	3.7	(0-24)	SW846 8260B
Bromodichloromethane	92	(78 - 118)			SW846 8260B
	96	(78 - 118)	4.6	(0-20)	SW846 8260B
1,3-Dichlorobenzene	99	(75 - 115)			SW846 8260B
	105	(75 - 115)	6.5	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(79 - 120)
	89	(79 - 120)
1,2-Dichloroethane-d4	88	(65 - 126)
	87	(65 - 126)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D9C120250 **Work Order #...:** K8FE91CP-MS **Matrix.....:** WG
MS Lot-Sample #: D9C120250-001 K8FE91CQ-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	99	(75 - 120)
	97	(75 - 120)
Toluene-d8	97	(78 - 120)
	99	(78 - 120)

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 #...: D9C120250 Work Order #...: K8FE91CP-MS Matrix.....: WG
MS Lot-Sample #: D9C120250-001 K8FE91CQ-MSD
Date Sampled...: 03/10/09 15:33 Date Received..: 03/12/09
Prep Date.....: 03/22/09 Analysis Date..: 03/22/09
Prep Batch #...: 9082210 Analysis Time..: 14:26
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Toluene	ND	5.00	5.06	ug/L	101		SW846 8260B
	ND	5.00	5.45	ug/L	109	7.5	SW846 8260B
Trichloroethene	ND	5.00	4.70	ug/L	94		SW846 8260B
	ND	5.00	4.81	ug/L	96	2.4	SW846 8260B
1,1-Dichloroethene	ND	5.00	5.02	ug/L	100		SW846 8260B
	ND	5.00	5.12	ug/L	102	2.0	SW846 8260B
Benzene	ND	5.00	5.29	ug/L	106		SW846 8260B
	ND	5.00	5.61	ug/L	112	5.8	SW846 8260B
Chlorobenzene	ND	5.00	4.77	ug/L	95		SW846 8260B
	ND	5.00	5.06	ug/L	101	5.8	SW846 8260B
Chloroform	ND	5.00	4.82	ug/L	96		SW846 8260B
	ND	5.00	4.92	ug/L	98	2.1	SW846 8260B
1,1-Dichloroethane	ND	5.00	5.06	ug/L	101		SW846 8260B
	ND	5.00	5.25	ug/L	105	3.7	SW846 8260B
1,2-Dichloropropane	ND	5.00	5.22	ug/L	104		SW846 8260B
	ND	5.00	5.68	ug/L	114	8.4	SW846 8260B
Ethylbenzene	ND	5.00	4.91	ug/L	98		SW846 8260B
	ND	5.00	5.16	ug/L	103	4.8	SW846 8260B
Methylene chloride	ND	5.00	5.12	ug/L	102		SW846 8260B
	ND	5.00	5.20	ug/L	104	1.6	SW846 8260B
Tetrachloroethene	ND	5.00	4.72	ug/L	94		SW846 8260B
	ND	5.00	5.04	ug/L	101	6.5	SW846 8260B
1,1,1-Trichloroethane	ND	5.00	4.65	ug/L	93		SW846 8260B
	ND	5.00	4.81	ug/L	96	3.4	SW846 8260B
Carbon tetrachloride	ND	5.00	4.49	ug/L	90		SW846 8260B
	ND	5.00	4.69	ug/L	94	4.3	SW846 8260B
trans-1,2-Dichloroethene	ND	5.00	5.26	ug/L	105		SW846 8260B
	ND	5.00	5.46	ug/L	109	3.7	SW846 8260B
Bromodichloromethane	ND	5.00	4.58	ug/L	92		SW846 8260B
	ND	5.00	4.80	ug/L	96	4.6	SW846 8260B
1,3-Dichlorobenzene	ND	5.00	4.93	ug/L	99		SW846 8260B
	ND	5.00	5.26	ug/L	105	6.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(79 - 120)
	89	(79 - 120)
1,2-Dichloroethane-d4	88	(65 - 126)
	87	(65 - 126)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D9C120250 **Work Order #...:** K8FE91CP-MS **Matrix.....:** WG
MS Lot-Sample #: D9C120250-001 K8FE91CQ-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	99	(75 - 120)
	97	(75 - 120)
Toluene-d8	97	(78 - 120)
	99	(78 - 120)

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 #...: D9C120250 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D9C130000-200 **Prep Batch #...:** 9072200						
Barium	ND	100	ug/L	SW846 6010B	03/17-03/19/09	K8GR71AA
		Dilution Factor: 1				
		Analysis Time..: 00:52				
Vanadium	ND	25	ug/L	SW846 6010B	03/17-03/19/09	K8GR71AC
		Dilution Factor: 1				
		Analysis Time..: 00:52				
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/19/09	K8GR71AD
		Dilution Factor: 1				
		Analysis Time..: 00:52				
Silver	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8GR71AE
		Dilution Factor: 1				
		Analysis Time..: 00:52				
Cobalt	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8GR71AF
		Dilution Factor: 1				
		Analysis Time..: 00:52				
Chromium	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8GR71AG
		Dilution Factor: 1				
		Analysis Time..: 00:52				
Lead	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8GR71AH
		Dilution Factor: 1				
		Analysis Time..: 00:52				
Nickel	ND	50	ug/L	SW846 6010B	03/17-03/19/09	K8GR71AJ
		Dilution Factor: 1				
		Analysis Time..: 00:52				
MB Lot-Sample #: D9C130000-210 **Prep Batch #...:** 9072210						
Arsenic	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8GV11AA
		Dilution Factor: 1				
		Analysis Time..: 19:08				
Cadmium	ND	1.0	ug/L	SW846 6020	03/17-03/18/09	K8GV11AC
		Dilution Factor: 1				
		Analysis Time..: 19:08				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D9C120250 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	6.0	ug/L	SW846 6020	03/17-03/18/09	K8GV11AD
		Dilution Factor: 1				
		Analysis Time..: 19:08				
Thallium	**0.035 B**	**5.5**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8GV11AE**
		Dilution Factor: 1				
		Analysis Time..: 19:08				
Copper	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8GV11AF
		Dilution Factor: 1				
		Analysis Time..: 19:08				
Selenium	**0.84 B**	**10**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8GV11AG**
		Dilution Factor: 1				
		Analysis Time..: 19:08				
Zinc	ND	10	ug/L	SW846 6020	03/17-03/18/09	K8GV11AH
		Dilution Factor: 1				
		Analysis Time..: 19:08				

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 #...: D9C120250 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D9C130000-200 **Prep Batch #...:** 9072200					
Barium	98	(90 - 112)	SW846 6010B	03/17-03/19/09	K8GR71AK
		Dilution Factor: 1	Analysis Time..: 00:55		
Vanadium	97	(90 - 111)	SW846 6010B	03/17-03/19/09	K8GR71AL
		Dilution Factor: 1	Analysis Time..: 00:55		
Beryllium	96	(89 - 113)	SW846 6010B	03/17-03/19/09	K8GR71AM
		Dilution Factor: 1	Analysis Time..: 00:55		
Silver	102	(86 - 115)	SW846 6010B	03/17-03/19/09	K8GR71AN
		Dilution Factor: 1	Analysis Time..: 00:55		
Cobalt	95	(89 - 111)	SW846 6010B	03/17-03/19/09	K8GR71AP
		Dilution Factor: 1	Analysis Time..: 00:55		
Chromium	97	(90 - 113)	SW846 6010B	03/17-03/19/09	K8GR71AQ
		Dilution Factor: 1	Analysis Time..: 00:55		
Lead	95	(89 - 110)	SW846 6010B	03/17-03/19/09	K8GR71AR
		Dilution Factor: 1	Analysis Time..: 00:55		
Nickel	94	(89 - 111)	SW846 6010B	03/17-03/19/09	K8GR71AT
		Dilution Factor: 1	Analysis Time..: 00:55		
LCS Lot-Sample#: D9C130000-210 **Prep Batch #...:** 9072210					
Arsenic	97	(85 - 117)	SW846 6020	03/17-03/18/09	K8GV11AJ
		Dilution Factor: 1	Analysis Time..: 19:13		
Cadmium	95	(85 - 115)	SW846 6020	03/17-03/18/09	K8GV11AK
		Dilution Factor: 1	Analysis Time..: 19:13		
Antimony	97	(85 - 115)	SW846 6020	03/17-03/18/09	K8GV11AL
		Dilution Factor: 1	Analysis Time..: 19:13		
Thallium	105	(85 - 118)	SW846 6020	03/17-03/18/09	K8GV11AM
		Dilution Factor: 1	Analysis Time..: 19:13		
Copper	101	(85 - 119)	SW846 6020	03/17-03/18/09	K8GV11AN
		Dilution Factor: 1	Analysis Time..: 19:13		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D9C120250 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	99	(77 - 122)	SW846 6020	03/17-03/18/09	K8GV11AP
		Dilution Factor: 1	Analysis Time..: 19:13		
Zinc	95	(83 - 122)	SW846 6020	03/17-03/18/09	K8GV11AQ
		Dilution Factor: 1	Analysis Time..: 19:13		

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C120250 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D9C130000-200 **Prep Batch #...:** 9072200							
Barium	2000	1960	ug/L	98	SW846 6010B	03/17-03/19/09	K8GR71AK
			Dilution Factor: 1		Analysis Time..: 00:55		
Vanadium	500	483	ug/L	97	SW846 6010B	03/17-03/19/09	K8GR71AL
			Dilution Factor: 1		Analysis Time..: 00:55		
Beryllium	50.0	47.9	ug/L	96	SW846 6010B	03/17-03/19/09	K8GR71AM
			Dilution Factor: 1		Analysis Time..: 00:55		
Silver	50.0	51.0	ug/L	102	SW846 6010B	03/17-03/19/09	K8GR71AN
			Dilution Factor: 1		Analysis Time..: 00:55		
Cobalt	500	473	ug/L	95	SW846 6010B	03/17-03/19/09	K8GR71AP
			Dilution Factor: 1		Analysis Time..: 00:55		
Chromium	200	193	ug/L	97	SW846 6010B	03/17-03/19/09	K8GR71AQ
			Dilution Factor: 1		Analysis Time..: 00:55		
Lead	500	475	ug/L	95	SW846 6010B	03/17-03/19/09	K8GR71AR
			Dilution Factor: 1		Analysis Time..: 00:55		
Nickel	500	472	ug/L	94	SW846 6010B	03/17-03/19/09	K8GR71AT
			Dilution Factor: 1		Analysis Time..: 00:55		
LCS Lot-Sample#: D9C130000-210 **Prep Batch #...:** 9072210							
Arsenic	40.0	38.9	ug/L	97	SW846 6020	03/17-03/18/09	K8GV11AJ
			Dilution Factor: 1		Analysis Time..: 19:13		
Cadmium	40.0	37.9	ug/L	95	SW846 6020	03/17-03/18/09	K8GV11AK
			Dilution Factor: 1		Analysis Time..: 19:13		
Antimony	40.0	38.6	ug/L	97	SW846 6020	03/17-03/18/09	K8GV11AL
			Dilution Factor: 1		Analysis Time..: 19:13		
Thallium	40.0	42.0	ug/L	105	SW846 6020	03/17-03/18/09	K8GV11AM
			Dilution Factor: 1		Analysis Time..: 19:13		
Copper	40.0	40.3	ug/L	101	SW846 6020	03/17-03/18/09	K8GV11AN
			Dilution Factor: 1		Analysis Time..: 19:13		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C120250 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	40.0	39.4	ug/L	99	SW846 6020	03/17-03/18/09	K8GV11AP
			Dilution Factor: 1		Analysis Time..: 19:13		
Zinc	40.0	38.1	ug/L	95	SW846 6020	03/17-03/18/09	K8GV11AQ
			Dilution Factor: 1		Analysis Time..: 19:13		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D9C120250 **Matrix.....:** WG
Date Sampled...: 03/10/09 15:33 **Date Received..:** 03/12/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C120250-001 **Prep Batch #...:** 9072200							
Barium	98	(85 - 120)			SW846 6010B	03/17-03/19/09	K8FE91AV
	100	(85 - 120)	1.8	(0-25)	SW846 6010B	03/17-03/19/09	K8FE91AW
		Dilution Factor: 1					
		Analysis Time..: 01:06					
Vanadium	98	(85 - 120)			SW846 6010B	03/17-03/19/09	K8FE91AX
	98	(85 - 120)	0.51	(0-25)	SW846 6010B	03/17-03/19/09	K8FE91A0
		Dilution Factor: 1					
		Analysis Time..: 01:06					
Beryllium	96	(79 - 121)			SW846 6010B	03/17-03/19/09	K8FE91A1
	98	(79 - 121)	1.5	(0-25)	SW846 6010B	03/17-03/19/09	K8FE91A2
		Dilution Factor: 1					
		Analysis Time..: 01:06					
Silver	102	(75 - 141)			SW846 6010B	03/17-03/19/09	K8FE91A3
	102	(75 - 141)	0.59	(0-25)	SW846 6010B	03/17-03/19/09	K8FE91A4
		Dilution Factor: 1					
		Analysis Time..: 01:06					
Cobalt	96	(82 - 119)			SW846 6010B	03/17-03/19/09	K8FE91A5
	96	(82 - 119)	0.32	(0-25)	SW846 6010B	03/17-03/19/09	K8FE91A6
		Dilution Factor: 1					
		Analysis Time..: 01:06					
Chromium	98	(73 - 135)			SW846 6010B	03/17-03/19/09	K8FE91A7
	98	(73 - 135)	0.42	(0-25)	SW846 6010B	03/17-03/19/09	K8FE91A8
		Dilution Factor: 1					
		Analysis Time..: 01:06					
Lead	96	(89 - 121)			SW846 6010B	03/17-03/19/09	K8FE91A9
	97	(89 - 121)	0.72	(0-25)	SW846 6010B	03/17-03/19/09	K8FE91CA
		Dilution Factor: 1					
		Analysis Time..: 01:06					
Nickel	95	(84 - 120)			SW846 6010B	03/17-03/19/09	K8FE91CC
	96	(84 - 120)	0.49	(0-25)	SW846 6010B	03/17-03/19/09	K8FE91CD
		Dilution Factor: 1					
		Analysis Time..: 01:06					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C120250 **Matrix.....:** WG
Date Sampled...: 03/10/09 15:33 **Date Received..:** 03/12/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C120250-001 **Prep Batch #...:** 9072200									
Barium									
	58	2000	2020	ug/L	98		SW846 6010B	03/17-03/19/09	K8FE91AV
	58	2000	2060	ug/L	100	1.8	SW846 6010B	03/17-03/19/09	K8FE91AW
			Dilution Factor: 1						
			Analysis Time..: 01:06						
Vanadium									
	1.4	500	490	ug/L	98		SW846 6010B	03/17-03/19/09	K8FE91AX
	1.4	500	493	ug/L	98	0.51	SW846 6010B	03/17-03/19/09	K8FE91A0
			Dilution Factor: 1						
			Analysis Time..: 01:06						
Beryllium									
	ND	50.0	48.2	ug/L	96		SW846 6010B	03/17-03/19/09	K8FE91A1
	ND	50.0	49.0	ug/L	98	1.5	SW846 6010B	03/17-03/19/09	K8FE91A2
			Dilution Factor: 1						
			Analysis Time..: 01:06						
Silver									
	0.98	50.0	51.8	ug/L	102		SW846 6010B	03/17-03/19/09	K8FE91A3
	0.98	50.0	52.1	ug/L	102	0.59	SW846 6010B	03/17-03/19/09	K8FE91A4
			Dilution Factor: 1						
			Analysis Time..: 01:06						
Cobalt									
	ND	500	479	ug/L	96		SW846 6010B	03/17-03/19/09	K8FE91A5
	ND	500	480	ug/L	96	0.32	SW846 6010B	03/17-03/19/09	K8FE91A6
			Dilution Factor: 1						
			Analysis Time..: 01:06						
Chromium									
	1.3	200	197	ug/L	98		SW846 6010B	03/17-03/19/09	K8FE91A7
	1.3	200	198	ug/L	98	0.42	SW846 6010B	03/17-03/19/09	K8FE91A8
			Dilution Factor: 1						
			Analysis Time..: 01:06						
Lead									
	ND	500	480	ug/L	96		SW846 6010B	03/17-03/19/09	K8FE91A9
	ND	500	483	ug/L	97	0.72	SW846 6010B	03/17-03/19/09	K8FE91CA
			Dilution Factor: 1						
			Analysis Time..: 01:06						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C120250 **Matrix.....:** WG
Date Sampled...: 03/10/09 15:33 **Date Received..:** 03/12/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	3.4	500	480	ug/L	95		SW846 6010B	03/17-03/19/09	K8FE91CC
	3.4	500	482	ug/L	96	0.49	SW846 6010B	03/17-03/19/09	K8FE91CD

Dilution Factor: 1
Analysis Time..: 01:06

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D9C120250 **Matrix.....:** WG
Date Sampled...: 03/10/09 16:46 **Date Received..:** 03/12/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C120250-011 **Prep Batch #...:** 9072200							
Barium	100	(85 - 120)			SW846 6010B	03/17-03/19/09	K8FF91AV
	99	(85 - 120)	1.7	(0-25)	SW846 6010B	03/17-03/19/09	K8FF91AW
		Dilution Factor: 1					
		Analysis Time..: 02:01					
Vanadium	99	(85 - 120)			SW846 6010B	03/17-03/19/09	K8FF91AX
	98	(85 - 120)	0.53	(0-25)	SW846 6010B	03/17-03/19/09	K8FF91A0
		Dilution Factor: 1					
		Analysis Time..: 02:01					
Beryllium	98	(79 - 121)			SW846 6010B	03/17-03/19/09	K8FF91A1
	96	(79 - 121)	2.2	(0-25)	SW846 6010B	03/17-03/19/09	K8FF91A2
		Dilution Factor: 1					
		Analysis Time..: 02:01					
Silver	101	(75 - 141)			SW846 6010B	03/17-03/19/09	K8FF91A3
	101	(75 - 141)	0.05	(0-25)	SW846 6010B	03/17-03/19/09	K8FF91A4
		Dilution Factor: 1					
		Analysis Time..: 02:01					
Cobalt	96	(82 - 119)			SW846 6010B	03/17-03/19/09	K8FF91A5
	96	(82 - 119)	0.19	(0-25)	SW846 6010B	03/17-03/19/09	K8FF91A6
		Dilution Factor: 1					
		Analysis Time..: 02:01					
Chromium	98	(73 - 135)			SW846 6010B	03/17-03/19/09	K8FF91A7
	98	(73 - 135)	0.42	(0-25)	SW846 6010B	03/17-03/19/09	K8FF91A8
		Dilution Factor: 1					
		Analysis Time..: 02:01					
Lead	98	(89 - 121)			SW846 6010B	03/17-03/19/09	K8FF91A9
	96	(89 - 121)	1.5	(0-25)	SW846 6010B	03/17-03/19/09	K8FF91CA
		Dilution Factor: 1					
		Analysis Time..: 02:01					
Nickel	95	(84 - 120)			SW846 6010B	03/17-03/19/09	K8FF91CC
	96	(84 - 120)	0.41	(0-25)	SW846 6010B	03/17-03/19/09	K8FF91CD
		Dilution Factor: 1					
		Analysis Time..: 02:01					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C120250 **Matrix.....:** WG
Date Sampled...: 03/10/09 16:46 **Date Received..:** 03/12/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C120250-011 **Prep Batch #...:** 9072200									
Barium									
	6.1	2000	2010	ug/L	100		SW846 6010B	03/17-03/19/09	K8FF91AV
	6.1	2000	1980	ug/L	99	1.7	SW846 6010B	03/17-03/19/09	K8FF91AW
			Dilution Factor: 1						
			Analysis Time..: 02:01						
Vanadium									
	4.7	500	499	ug/L	99		SW846 6010B	03/17-03/19/09	K8FF91AX
	4.7	500	496	ug/L	98	0.53	SW846 6010B	03/17-03/19/09	K8FF91A0
			Dilution Factor: 1						
			Analysis Time..: 02:01						
Beryllium									
	ND	50.0	49.1	ug/L	98		SW846 6010B	03/17-03/19/09	K8FF91A1
	ND	50.0	48.0	ug/L	96	2.2	SW846 6010B	03/17-03/19/09	K8FF91A2
			Dilution Factor: 1						
			Analysis Time..: 02:01						
Silver									
	0.95	50.0	51.4	ug/L	101		SW846 6010B	03/17-03/19/09	K8FF91A3
	0.95	50.0	51.4	ug/L	101	0.05	SW846 6010B	03/17-03/19/09	K8FF91A4
			Dilution Factor: 1						
			Analysis Time..: 02:01						
Cobalt									
	ND	500	479	ug/L	96		SW846 6010B	03/17-03/19/09	K8FF91A5
	ND	500	480	ug/L	96	0.19	SW846 6010B	03/17-03/19/09	K8FF91A6
			Dilution Factor: 1						
			Analysis Time..: 02:01						
Chromium									
	3.8	200	200	ug/L	98		SW846 6010B	03/17-03/19/09	K8FF91A7
	3.8	200	201	ug/L	98	0.42	SW846 6010B	03/17-03/19/09	K8FF91A8
			Dilution Factor: 1						
			Analysis Time..: 02:01						
Lead									
	ND	500	488	ug/L	98		SW846 6010B	03/17-03/19/09	K8FF91A9
	ND	500	480	ug/L	96	1.5	SW846 6010B	03/17-03/19/09	K8FF91CA
			Dilution Factor: 1						
			Analysis Time..: 02:01						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C120250 **Matrix.....:** WG
Date Sampled...: 03/10/09 16:46 **Date Received..:** 03/12/09

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	03/17-03/19/09	K8FF91CC
	ND	500	481	ug/L	96	0.41	SW846 6010B	03/17-03/19/09	K8FF91CD

Dilution Factor: 1
Analysis Time..: 02:01

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D9C120250 **Matrix.....:** WG
Date Sampled...: 03/10/09 16:17 **Date Received..:** 03/12/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C120250-002 **Prep Batch #...:** 9072210							
Arsenic	98	(85 - 117)			SW846 6020	03/17-03/18/09	K8FFK1AV
	98	(85 - 117)	0.17	(0-20)	SW846 6020	03/17-03/18/09	K8FFK1AW
		Dilution Factor: 1					
		Analysis Time..: 19:40					
Cadmium	96	(85 - 115)			SW846 6020	03/17-03/18/09	K8FFK1AX
	96	(85 - 115)	0.70	(0-20)	SW846 6020	03/17-03/18/09	K8FFK1A0
		Dilution Factor: 1					
		Analysis Time..: 19:40					
Antimony	99	(85 - 115)			SW846 6020	03/17-03/18/09	K8FFK1A1
	98	(85 - 115)	0.53	(0-20)	SW846 6020	03/17-03/18/09	K8FFK1A2
		Dilution Factor: 1					
		Analysis Time..: 19:40					
Thallium	102	(85 - 118)			SW846 6020	03/17-03/18/09	K8FFK1A3
	102	(85 - 118)	0.04	(0-20)	SW846 6020	03/17-03/18/09	K8FFK1A4
		Dilution Factor: 1					
		Analysis Time..: 19:40					
Copper	99	(85 - 119)			SW846 6020	03/17-03/18/09	K8FFK1A5
	99	(85 - 119)	0.04	(0-20)	SW846 6020	03/17-03/18/09	K8FFK1A6
		Dilution Factor: 1					
		Analysis Time..: 19:40					
Selenium	95	(77 - 122)			SW846 6020	03/17-03/18/09	K8FFK1A7
	94	(77 - 122)	1.3	(0-20)	SW846 6020	03/17-03/18/09	K8FFK1A8
		Dilution Factor: 1					
		Analysis Time..: 19:40					
Zinc	93	(83 - 122)			SW846 6020	03/17-03/18/09	K8FFK1A9
	94	(83 - 122)	0.59	(0-20)	SW846 6020	03/17-03/18/09	K8FFK1CA
		Dilution Factor: 1					
		Analysis Time..: 19:40					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C120250 **Matrix.....:** WG
Date Sampled...: 03/10/09 16:17 **Date Received..:** 03/12/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C120250-002 **Prep Batch #...:** 9072210									
Arsenic									
	ND	40.0	39.2	ug/L	98		SW846 6020	03/17-03/18/09	K8FFK1AV
	ND	40.0	39.1	ug/L	98	0.17	SW846 6020	03/17-03/18/09	K8FFK1AW
			Dilution Factor: 1						
			Analysis Time..: 19:40						
Cadmium									
	ND	40.0	38.5	ug/L	96		SW846 6020	03/17-03/18/09	K8FFK1AX
	ND	40.0	38.2	ug/L	96	0.70	SW846 6020	03/17-03/18/09	K8FFK1A0
			Dilution Factor: 1						
			Analysis Time..: 19:40						
Antimony									
	ND	40.0	39.6	ug/L	99		SW846 6020	03/17-03/18/09	K8FFK1A1
	ND	40.0	39.4	ug/L	98	0.53	SW846 6020	03/17-03/18/09	K8FFK1A2
			Dilution Factor: 1						
			Analysis Time..: 19:40						
Thallium									
	ND	40.0	40.9	ug/L	102		SW846 6020	03/17-03/18/09	K8FFK1A3
	ND	40.0	40.8	ug/L	102	0.04	SW846 6020	03/17-03/18/09	K8FFK1A4
			Dilution Factor: 1						
			Analysis Time..: 19:40						
Copper									
	1.3	40.0	40.7	ug/L	99		SW846 6020	03/17-03/18/09	K8FFK1A5
	1.3	40.0	40.8	ug/L	99	0.04	SW846 6020	03/17-03/18/09	K8FFK1A6
			Dilution Factor: 1						
			Analysis Time..: 19:40						
Selenium									
	1.7	40.0	39.9	ug/L	95		SW846 6020	03/17-03/18/09	K8FFK1A7
	1.7	40.0	39.3	ug/L	94	1.3	SW846 6020	03/17-03/18/09	K8FFK1A8
			Dilution Factor: 1						
			Analysis Time..: 19:40						
Zinc									
	3.3	40.0	40.6	ug/L	93		SW846 6020	03/17-03/18/09	K8FFK1A9
	3.3	40.0	40.8	ug/L	94	0.59	SW846 6020	03/17-03/18/09	K8FFK1CA
			Dilution Factor: 1						
			Analysis Time..: 19:40						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D9C120250 **Matrix.....:** WG
Date Sampled...: 03/10/09 16:22 **Date Received..:** 03/12/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C120250-013 **Prep Batch #...:** 9072210							
Arsenic	97	(85 - 117)			SW846 6020	03/17-03/18/09	K8FGD1AV
	97	(85 - 117)	0.10	(0-20)	SW846 6020	03/17-03/18/09	K8FGD1AW
		Dilution Factor: 1					
		Analysis Time..: 21:06					
Cadmium	98	(85 - 115)			SW846 6020	03/17-03/18/09	K8FGD1AX
	97	(85 - 115)	0.35	(0-20)	SW846 6020	03/17-03/18/09	K8FGD1A0
		Dilution Factor: 1					
		Analysis Time..: 21:06					
Antimony	96	(85 - 115)			SW846 6020	03/17-03/18/09	K8FGD1A1
	96	(85 - 115)	0.62	(0-20)	SW846 6020	03/17-03/18/09	K8FGD1A2
		Dilution Factor: 1					
		Analysis Time..: 21:06					
Thallium	106	(85 - 118)			SW846 6020	03/17-03/18/09	K8FGD1A3
	103	(85 - 118)	2.0	(0-20)	SW846 6020	03/17-03/18/09	K8FGD1A4
		Dilution Factor: 1					
		Analysis Time..: 21:06					
Copper	99	(85 - 119)			SW846 6020	03/17-03/18/09	K8FGD1A5
	99	(85 - 119)	0.37	(0-20)	SW846 6020	03/17-03/18/09	K8FGD1A6
		Dilution Factor: 1					
		Analysis Time..: 21:06					
Selenium	97	(77 - 122)			SW846 6020	03/17-03/18/09	K8FGD1A7
	99	(77 - 122)	1.8	(0-20)	SW846 6020	03/17-03/18/09	K8FGD1A8
		Dilution Factor: 1					
		Analysis Time..: 21:06					
Zinc	95	(83 - 122)			SW846 6020	03/17-03/18/09	K8FGD1A9
	95	(83 - 122)	0.37	(0-20)	SW846 6020	03/17-03/18/09	K8FGD1CA
		Dilution Factor: 1					
		Analysis Time..: 21:06					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C120250 **Matrix.....:** WG
Date Sampled...: 03/10/09 16:22 **Date Received..:** 03/12/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C120250-013 **Prep Batch #...:** 9072210									
Arsenic									
	ND	40.0	38.8	ug/L	97		SW846 6020	03/17-03/18/09	K8FGD1AV
	ND	40.0	38.8	ug/L	97	0.10	SW846 6020	03/17-03/18/09	K8FGD1AW
			Dilution Factor: 1						
			Analysis Time..: 21:06						
Cadmium									
	ND	40.0	39.0	ug/L	98		SW846 6020	03/17-03/18/09	K8FGD1AX
	ND	40.0	38.9	ug/L	97	0.35	SW846 6020	03/17-03/18/09	K8FGD1A0
			Dilution Factor: 1						
			Analysis Time..: 21:06						
Antimony									
	ND	40.0	38.5	ug/L	96		SW846 6020	03/17-03/18/09	K8FGD1A1
	ND	40.0	38.2	ug/L	96	0.62	SW846 6020	03/17-03/18/09	K8FGD1A2
			Dilution Factor: 1						
			Analysis Time..: 21:06						
Thallium									
	ND	40.0	42.3	ug/L	106		SW846 6020	03/17-03/18/09	K8FGD1A3
	ND	40.0	41.4	ug/L	103	2.0	SW846 6020	03/17-03/18/09	K8FGD1A4
			Dilution Factor: 1						
			Analysis Time..: 21:06						
Copper									
	8.3	40.0	47.7	ug/L	99		SW846 6020	03/17-03/18/09	K8FGD1A5
	8.3	40.0	47.9	ug/L	99	0.37	SW846 6020	03/17-03/18/09	K8FGD1A6
			Dilution Factor: 1						
			Analysis Time..: 21:06						
Selenium									
	ND	40.0	39.4	ug/L	97		SW846 6020	03/17-03/18/09	K8FGD1A7
	ND	40.0	40.1	ug/L	99	1.8	SW846 6020	03/17-03/18/09	K8FGD1A8
			Dilution Factor: 1						
			Analysis Time..: 21:06						
Zinc									
	7.5	40.0	45.6	ug/L	95		SW846 6020	03/17-03/18/09	K8FGD1A9
	7.5	40.0	45.5	ug/L	95	0.37	SW846 6020	03/17-03/18/09	K8FGD1CA
			Dilution Factor: 1						
			Analysis Time..: 21:06						

NOTE(S):

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

Chain of Custody Record

Sampler ID _____

Temperature on Receipt S.S 1.7 °C

Drinking Water? Yes ☐ No ☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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TAL-4124-280 (0508)

Client	Project Manager	Date	Chain of Custody Number
WM	AL LACSAMANA	3-11-09	106540
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 2**
City / State / Zip Code	**Site Contact**	**Lab Contact** Betty Sarg	
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	Air	Aqueous	Sed.	Soil		Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		Metals (Diss)	VOA		Metals (Diss)									Special Instructions/ Conditions of Receipt
MW01	3-10	1533		X						1	3				1	3											
MW02	3-10	1617		X						1	3				1	3											
MW03	3-10	1728		X						1	3				1	3											
MW04	3-10	1420		X						2	3				1	3		1									
MW04D	3-11	0745		X						2	3				1	3		1									
MW05	3-11	0834		X				1 →	2	3					1	3		X	DSA								
MW06	3-10	1532		X				DSA		1	3				1	3											
MW07	3-10	1726		X						1	3				1	3											
MW08	3-10	1500		X						2	3				1	3		1									
MW09R	3-11	0803		X						1	3				1	3											
MW10	3-10	1646		X						1	3				1	3											
MW11	3-10	1657		X						1	3				1	3											

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	3-11-09	1400	1. Received By	3/12/09	0900
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

Chain of Custody Record

Sampler ID _____

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

128

TAL-4124-280 (0508)

Client	Project Manager	Date	Chain of Custody Number
WM	AL LAGSAMANA	3-11-09	106546
Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 2 of 2
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		Metals (Total)	VOA		Metals (Dissolved)	Special Instructions/ Conditions of Receipt
MW11D	3-10	1622		X						1	3				1	3			
MW12	3-10	1352		X						2	3				1	3		1	
MW12D	3-10	1455		X						1	3				1	3			
OIFB	3-11	0830		X						1	3				1	3			
TRIP	3-11	—		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	3-11-09	1400	1. Received By: Lisa Mullen	3/12/09	0900
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

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: D4C120250-001

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
031009	1515	0018	08	14	18

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): 44.38 (ft)

Groundwater Elevation (site datum, from TOC): 779.55 (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 gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1522	08 1st	6.90 1st	103	14.7	26	4.9	82	
1524	08 2nd	6.55 2nd	100	14.7	22	4.9	101	
1526	08 3rd	6.45 3rd	100	14.4	18	4.9	103	
1528	08 4th	6.43 4th	98	14.3	13	4.9	105	
1530	08	6.37	97	14.5	10	4.8	105	
1532	08	6.35	97	14.3	0.8	4.8	107	44.5
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 _____
031009	6.35	97	14.3	0.8	4.8	107	

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: _____ Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: W/0-5 Outlook: CLEAR 70°F Precipitation: Y or (N)

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

CALC: 49.00 − 44.38 = 4.62 X 0.163 = 0.75 GAL.

FLOW: 200 X 4 = 800 ÷ 60 = 13.33 MIN/GAL = 0.08 gpm.

VOL: 18.00 ÷ 13.33 = 1.35 GAL.

SAMPLE TIME: 1533

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
03/10/09	BEN RAMGEAWAN	Ben Ramgeawan	PRO-TECH

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

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: -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
031009	1557	0020	11	16	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): 778.04 (ft/msl)

Depth to Water (DTW) (from TOC): 28.70 (ft)

Groundwater Elevation (site datum, from TOC): 749.34 (ft/msl)

Total Well Depth (from TOC): 35.50 (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 gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1602	.08	1st 5.30	1st 114	159	05	16	187	
1608	.08	2nd 5.25	2nd 115	158	05	16	198	
1610	.08	3rd 5.26	3rd 114	157	04	15	203	
1612	.08	4th 5.21	4th 114	156	03	15	208	
1614	.08	5.21	114	153	03	15	219	
1616	.08	5.21	114	155	03	15	222	29.9
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 ____
031009	5.21	114	155	03	15	222	

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: ____ Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: W/0-5 Outlook: P.CLOUDY, 70°F Precipitation: Y or (N)

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

FIELD COMMENTS

CALC: 35.50 - 28.70 = 6.80 X 0.163 = 1.11 GAL.
FLOW: 185x4 = 740 ÷ 60 = 12.33 MIN/GAL = 0.08 gpm.
VOL: 20.00 ÷ 12.33 = 1.62 GAL.
SAMPLE TIME: 1617

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
03/10/09	BEN RAMPEAWAN	Ben Rampeawan	PRO-TECH

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: MWC3 (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
031009	1710	:18	21	18	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

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

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)
770.08 (ft/msl)	25.41 (ft)	744.67 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
38.00 (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 (gpm)	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1715	0.1 1st	5.87 1st	140	15.1	1.0	2.1	156.2	
1718	0.1 2nd	5.88 2nd	140	15.2	1.7	2.1	158.0	
1721	0.1 3rd	5.86 3rd	140	15.2	0.8	2.1	159.1	
1724	0.1 4th	5.86 4th	140	15.1	0.9	2.1	161.0	
1727	0.1	5.86	140	15.2	1.0	2.1	161.7	
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 _____
031009	5.86	140	15.2	1.0	2.1	161.7	

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.*

Sample Appearance: CLEAR Odor: _____ 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):

FIELD COMMENTS

CALC: 38.00 - 25.41 = 12.59 x 0.163 = 2.05 gallon

FLOW: 153 x 4 = 612 ÷ 60 = 10.20 ∴ 0.10 gpm

ACTUAL: 18 ÷ 10.20 = 1.76 gallon

17:28

SAMPLE TIME : 1728

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
3/10/09	DAN ARMOUR	[signature]	PRO-TECH
__/__/__			

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: Piedmont

Site No.:

Sample Point: MW4 (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
031009	1405	1:15	2.3	3.3	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) on — 0.45 µ or ____ µ (circle or fill in)

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)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
756.92 (ft/msl)	13.01 (ft)	743.91 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
27.06 (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 (gpm)	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1410	0.22 1st	5.64 1st	70	15.6	1.4	1.9	121.3	
1413	0.22 2nd	5.58 2nd	71	15.6	0.3	1.8	123.4	
1416	0.22 3rd	5.56 3rd	71	15.6	0.9	1.9	125.8	
1419	0.22 4th	5.53 4th	71	15.6	1.1	1.9	126.6	
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 ____
031009	5.53	71	15.6	1.1	1.9	126.6	

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: ____ Color: None Other: No Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: NW 0-5 Outlook: P.C. 65°F Precipitation: Y or (N)

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

CALC: 27.00-13.01 = 13.99 x 0.163 = 2.28 gallon

FLOW: 68 mL/st x 4 st/gal = 272 ÷ 60 mL/min = 4.53 ∴ 0.22 gpm

ACTUAL: 15 ÷ 4.53 = 3.31 gallon

14120

SAMPLE TIME: 1420

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
3/10/09	DAN ARMOUR	[signature]	Pro-Tech
__/__/__			

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: MW04D (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
031009	1315	45	80	339	43

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 — 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): 7573 (ft/msl)

Depth to Water (DTW) (from TOC): 13.19 (ft)

Groundwater Elevation (site datum, from TOC): 744.14 (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 gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1320	0.08 1st	1st			704			
1325	0.08 2nd	2nd			842			
1330	0.08 3rd	3rd			1182			
1335	0.08 4th	4th			2116			
1340	0.08				2853			
1345	0.08				3795			
1350	2.1	6.42	83	16.4	2125	3.3	1214	
1355	2.1	6.48	76	16.2	1140	3.1	1517	
1400	2.1	6.50	76	15.7	874	3.0	1365	
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 ____
(*) 031109	6.03	100	15.0	627	2.8	1231	

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: SLT. CLOUDY — Odor: ____ — Color: LT. TAN — Other: NO SHEEN

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

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

FIELD COMMENTS

CALC: 62.00 - 13.19 = 48.81 x 0.163 = 7.96 gallons 7/47

FLOW*1: 0.08 gpm (FROM 1315 TO 1345)

FLOW*2: 2.1 gpm (FROM 1345 TO 1400)

VOLUME: (0.08 x 30) + (2.1 x 15) = 2.4 gal + 31.5 = 33.9 gallons

(*) FINAL READINGS TAKEN @ SAMPLE TIME ON 3-11-09 AT 0745

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
3/11/09	DAN ARMOUR	[signature]	PRO-TECH

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

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: -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
031109	0813	21	25	19	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

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

Purging Device: 6 — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: 6

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)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
743.17 (ft/msl)	5.21 (ft)	737.96 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
20.50 (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 gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0818	0.09 1st	6.19 1st	270	13.7	121	1.4	154.4	
0821	0.09 2nd	6.04 2nd	273	13.7	80	1.4	137.9	
0824	0.09 3rd	6.01 3rd	275	13.7	60	1.4	128.3	
0827	0.09 4th	5.99 4th	276	13.8	60	1.4	126.7	
0830	0.09	5.98	276	13.8	72	1.4	125.3	
0833	0.09	5.98	277	13.8	61	1.4	124.4	
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
031109	5.98	277	13.8	61	1.4	124.4	

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: ____ Color: NONE Other: No sheen

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

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

CALC: 20.50 - 5.21 = 15.29 x 0.163 = 2.49 gallon

FLOW: 168 sec/gt x 4 ft/gal = 672 ÷ 60 sec/min = 11.2 ∴ 0.09 gpm

ACTUAL: 21 ÷ 11.2 = 1.88 gallon

SAMPLE TIME: 0834

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
3/11/09	DAN ARMOUR	[signature]	PRO-TECH

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

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: 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
031009	1514	18	10	35	37

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): 800.87 (ft/msl)

Depth to Water (DTW) (from TOC): 23.80 (ft)

Groundwater Elevation (site datum, from TOC): 777.07 (ft/msl)

Total Well Depth (from TOC): 29.60 (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 gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1519	0.19 1st	526 1st	30	16.5	34	3.1	1744	
1522	0.19 2nd	526 2nd	29	16.5	41	3.1	1762	
1525	0.19 3rd	526 3rd	29	16.6	43	3.1	1763	
1528	0.19 4th	526 4th	29	16.6	43	3.1	1785	
1531	0.19	526	29	16.6	31	3.1	1791	
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 ____
031009	526	29	16.6	31	31	1791	

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: ____ Color: NONE Other: NO Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: NW 0-5 Outlook: P.C. 70°F Precipitation: Y or (N)

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

CALC: 29.60 − 23.80 = 5.80 × 0.163 = 0.95 gallon

FLOW: 77 sec/qt × 4 = 308 ÷ 60 = 5.13 ∴ 0.19 gpm

ACTUAL: 18 ÷ 5.13 = 3.51 gallon

Sample Time 1532

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
3/10/09	DAN ARMOUR	[signature]	PRO-TECH

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

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: 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
031009	1707	0019	09	17	18

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): 7715.7 (ft/msl)

Depth to Water (DTW) (from TOC): 25.73 (ft)

Groundwater Elevation (site datum, from TOC): 745.84 (ft/msl)

Total Well Depth (from TOC): 31.30 (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 (gpm)	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1717	.09 1st	5.59 1st	133	15.1	22	5.3	187	
1719	.09 2nd	5.54 2nd	133	15.2	17	5.2	194	
1721	.09 3rd	5.59 3rd	133	15.2	14	5.2	201	
1723	.09 4th	5.59 4th	132	15.1	11	5.2	202	
1725	.09	5.60	132	15.1	0.9	5.2	202	25.9
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 ____
031009	5.60	132	15.1	0.9	5.2	202	

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: ____ Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: W/0-5 Outlook: CLEAR, 70°F Precipitation: Y or (N)

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

FIELD COMMENTS

CALC: 31.30 - 25.73 = 5.57 x 0.163 = 0.91 GAL.
FLOW: 170 x 4 = 680 ÷ 60 = 11.33 MIN/GAL = 0.09 gpm.
VOL: 19.00 ÷ 11.33 = 1.68 GAL.
SAMPLE TIME: 1726

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
03/10/09	BEN RAMSEAWAN	Ben Ramseawan	PRO-TECH

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

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: -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
031009	1435	25	22	51	23

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 — 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)
74895 (ft/msl)	543 (ft)	74352 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
1880 (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 gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1450	0.2 1st	5.49 1st	130	12.8	163	1.4	864	
1453	0.2 2nd	5.48 2nd	131	12.7	146	1.4	890	
1456	0.2 3rd	5.47 3rd	131	12.7	120	1.4	883	
1459	0.2 4th	5.46 4th	131	12.7	106	1.4	897	
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 ____
031009	5.46	131	12.7	106	1.4	897	

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: ____ Color: NONE Other: No sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: NW 0-5 Outlook: P.C. 65 °F Precipitation: Y or (N)

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

FIELD COMMENTS

CALC: 18.80 - 5.43 = 13.37 x 0.163 = 2.18 gallon

FLOW: 74 mL/gt x 4 gt/gallon = 296 ÷ 60 = 4.93 ∴ 0.2 gpm

ACTUAL: 25 ÷ 4.93 = 5.07 gallon

SAMPLE TIME 1500

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
3/10/09	DAN ARMOUR	[signature]	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, 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: -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
031109	0744	0019	27	16	06

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): 76495 (ft/msl)

Depth to Water (DTW) (from TOC): 2660 (ft)

Groundwater Elevation (site datum, from TOC): 73835 (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 (gpm)	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0754	.09	1st 604	1st 429	151	06	19	59	
0756	.09	2nd 603	2nd 390	156	05	18	44	
0758	.09	3rd 601	3rd 368	156	03	18	52	
0800	.09	4th 604	4th 360	156	03	17	61	
0802	.09	605	362	156	03	17	60	
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 ____
031109	605	362	156	03	17	60	

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: ____ Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: CLOUDY, 70°F Precipitation: Y or (N)

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

FIELD COMMENTS

CAL: 42.95 - 26.60 = 16.35 x 0.163 = 2.67 GAL.
FLOW: 175 x 4 = 700 ÷ 60 = 11.67 MIN/GAL = 0.09 gpm.
VOL: 19.00 ÷ 11.67 = 1.63 GAL.

SAMPLE TIME: 0803

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
03/11/09	BEN RAMNEAWAN	Ben Ramneawan	PRO-TECH

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

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: -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
031009	1636	00:16	14	13	10

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): 77720 (ft/msl)

Depth to Water (DTW) (from TOC): 2953 (ft)

Groundwater Elevation (site datum, from TOC): 74767 (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 (gpm)	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1637	.08 1st	5.73 1st	120	16.3	17	5.1	192	
1639	.08 2nd	5.74 2nd	121	16.0	17	5.1	201	
1641	.08 3rd	5.76 3rd	121	15.9	15	5.0	202	
1643	.08 4th	5.75 4th	120	15.6	13	5.0	205	
1645	.08	5.77	120	15.6	10	5.0	206	29.7
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 ____
031009	5.77	120	15.6	10	5.0	206	

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: ____ Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: W/0-5 Outlook: P. CLOUDY, 70°F Precipitation: Y or (N)

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

CALC: 38.00 - 29.53 = 8.47 x 0.163 = 1.38 GAL.

FLOW: 181 x 4 = 724 ÷ 60 = 12.07 MIN/GAL = 0.08 gpm.

VOL: 16.00 ÷ 12.07 = 1.33 GAL.

SAMPLE TIME: 1646

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
03/10/09	BEN RAMJEAWAN	Ben Ramjeawan	PRO-TECH

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

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: -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
031009	1638	18	10	16	16

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): 7680 (ft/msl)

Depth to Water (DTW) (from TOC): 2867 (ft)

Groundwater Elevation (site datum, from TOC): 7483 (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 (gpm)	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1646	0.09 1st	5.42 1st	138 1st	15.7	50	1.8	1015	
1649	0.09 2nd	5.42 2nd	138 2nd	15.7	39	1.8	1027	
1652	0.09 3rd	5.42 3rd	138 3rd	15.7	33	1.8	1031	
1655	0.09 4th	5.42 4th	138 4th	15.7	41	1.8	1034	
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 ____
031009	5.42	138	15.7	41	1.8	1034	

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: ____ Color: None Other: No sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: NW 0-5 Outlook: P.C. 65°F Precipitation: Y or (N)

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

FIELD COMMENTS

CALC: 35.00 - 28.67 = 6.33 X 0.163 = 1.03 gallon

FLOW: 167 sec/qt x 4 qt/gal = 668 ÷ 60 = 11.13 ∴ 0.09 gpm

ACTUAL: 18 ÷ 11.13 = 1.62 gallon

Sample Time 1656

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
3/10/09	DAN ARMOUR	[signature]	PRO-TECH

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

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: -013

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
031009	1550	32	106	30	03

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)
776.36 (ft/msl)	28.60 (ft)	747.76 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
93.50 (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 (gpm)	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1600	0.09 1st	6.36 1st	69	15.4	363	1.7	1476	
1603	0.09 2nd	6.35 2nd	68	15.3	397	1.7	1517	
1606	0.09 3rd	6.33 3rd	68	15.4	301	1.7	1530	
1609	0.09 4th	6.33 4th	68	15.4	276	1.7	1542	
1612	0.09	6.32	68	15.3	223	1.7	1563	
1615	0.09	6.32	68	15.4	196	1.7	1586	
1618	0.09	6.31	67	15.4	191	1.7	1608	
1621	0.09	6.31	67	15.4	194	1.7	1613	
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 ____
031009	6.31	67	15.4	194	1.7	1613	

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: Slt. cloudy Odor: Color: Lt. Tan Other: No Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: NW 0-5 Outlook: P.C. 70°F Precipitation: Y or (N)

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

FIELD COMMENTS

CALC: 93.50 - 28.60 = 64.90 x 0.163 = 10.58 gallon

FLOW: 160 ml/min x 4 = 640 ÷ 60 = 10.67 ∴ 0.09 gpm

ACTUAL: 32 ÷ 10.67 = 3.0 gallon

SAMPLE TIME: 1622

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
3/10/09	Dan Armour	[signature]	Pro-Tech

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

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: -014

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
031009	1325	0027	19	150	77

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)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
751.48 (ft/msl)	6.11 (ft)	745.37 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
18.60 (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 (gpm)		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1335	.13	1st		1st			314			
1336	.13	2nd		2nd			296			
1337	.13	3rd		3rd			268			
1338	.13	4th		4th			294			
1339	.13						259			
1340	.13						248			
1343	.13		572		152	156	218	35	172	
1346	.13		569		146	157	188	35	168	
1349	.13		569		126	148	162	35	159	
1350	.13		577		126	152	145	35	159	61
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 _____
031009	577	126	152	145	35	159	

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: _____ Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: P. CLOUDY 68°F Precipitation: Y or (N)

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

CALC: 18.2 − 6.11 = 11.89 x 0.163 = 1.94 GAL.
FLOW(i): 125 ml/MIN FROM 1325 TO 1335
FLOW VOL: 27 x 0.13 = 3.246 FROM 1335 TO 1352
VOL: (10 min x 0.03 gpm) + (17 min x 0.864 gpm) SAMPLE TIME: 1352
= 0.3 gal + 14.69 gal = 14.99 gal

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
03/10/09	BEN RANGEWALD	Ben Rangewald	PRO-TECH

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

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: -015

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
031009	1430	00:25	49	21	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

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): 7514.8 (ft/msl)

Depth to Water (DTW) (from TOC): 55.2 (ft)

Groundwater Elevation (site datum, from TOC): 745.96 (ft/msl)

Total Well Depth (from TOC): 43.30 (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 gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1440	.08	1st 6.80	1st 202	14.9	9.4	2.3	90	
1443	.08	2nd 6.71	2nd 200	14.6	8.6	2.2	93	
1446	.08	3rd 6.72	3rd 198	14.5	7.5	2.2	88	
1449	.08	4th 6.71	4th 197	14.4	7.6	2.2	92	
1451	.08	6.77	196	14.4	7.5	2.2	97	
1454	.08	6.75	194	14.4	7.5	2.2	99	57
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 ____
031009	6.75	194	14.4	7.5	2.2	99	

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: ____ Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: W/0-5 Outlook: P. CLOUDY, 70°F Precipitation: Y or (N)

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

CALC: 43.30 − 5.52 = 37.78 × 0.163 = 4.91 GAL

FLOW: 12.00 MIN/GAL = 0.08 gpm

VOL: 25.00 − 12.00 = 2.08 GAL

SAMPLE TIME: 1455

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
03/10/09	BEN RANGEWAN	Ben Rangeawan	PRO-TECH

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: 01FB (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: -016

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
031109	0830	:			

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: F

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

X-Other:

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

WELL DATA

Well Elevation (at TOC) (5) ____ (ft/msl)

Depth to Water (DTW) (from TOC) ____ (ft)

Groundwater Elevation (site datum, from TOC) (4) ____ (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)
:	1st	1st						
:	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)	(2) pH (std)	(1) CONDUCTANCE (umhos/cm @ 25°C)	(3) TEMP. (°C)	(7) TURBIDITY (ntu)	(6) DO (mg/L-ppm)	(8) eH/ORP (mV)	Other: ____ Units ____
031109	7.34	1	19.0	00	5.8		

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.*

FIELD COMMENTS

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

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: P. CLOUDY 70°F Precipitation: Y or (N)

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

SAMPLE BOTTLES FILLED WITH DI WATER SUPPLIED BY TESTAMERICA - DENVER

8:30

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
03/11/09	BEN RAMSEAWAN	Ben Ramseawan	PRO-TECH

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

Project No. Site 134

Piedmont Landfill

Lot #: D9D090294

Groundwater

Al Lacsamana

Waste Management Inc.
Southern Area
1000 Parkwood Circle
Suite 700
Atlanta, GA 30339

Cc: Van Burbach

TestAmerica Denver
North Carolina Certification # 358

Betsy Sara
Project Manager

April 24, 2009

RECEIVED APR 29 2009

4955 Yarrow Street Arvada, CO 80002 **tel** 303.736.0100 **fax** 303.431.7171 **www.testamericainc.com**

Table Of Contents

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- **Executive Summary – Detection Highlights**
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- **Method/Analyst Summary**
- **Lot Sample Summary**
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- **Chain-of-Custody**

Case Narrative

Enclosed is the report for four samples received at TestAmerica Denver on April 9, 2009. 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 D9D090294

Sample Receiving

The cooler temperature upon receipt at the Denver laboratory was 3.6°C.

All sample bottles were received in acceptable condition.

Holding Times

The holding time was within established control limits.

Method Blanks

All Method Blank recoveries were 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 Matrix Spike and Matrix Spike Duplicate performed on a sample from another client exhibited recoveries outside control limits for Trichloroethene and Bromodichloromethane 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.

All other MS/MSD sample recoveries were within established control limits.

EXECUTIVE SUMMARY - Detection Highlights

D9D090294

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
3406-MW02 04/08/09 11:15 001				
Depth to Water	28.10		ft	NONE Depth to Wat
Groundwater Elevation	749.94		ft/msl	NONE GW Elevation
Well Elevation	778.04		ft/msl	NONE Well Elevati
Field eH (Redox)	-55.4		mV	NONE Field eH (Re
Field Temperature	4.1	--	deg C	MCAWW 170.1
Field pH	5.14	0.1	No Units	MCAWW 150.1
Field Conductivity	97	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	2.3	0.5	mg/L	MCAWW 360.1
Field Turbidity	4.7		NTU	MCAWW 180.1
3406-MW04D 04/08/09 12:00 002				
Depth to Water	13.05		ft	NONE Depth to Wat
Groundwater Elevation	744.28		ft/msl	NONE GW Elevation
Well Elevation	757.33		ft/msl	NONE Well Elevati
Field eH (Redox)	-41.9		mV	NONE Field eH (Re
Field Temperature	13.9	--	deg C	MCAWW 170.1
Field pH	5.84	0.1	No Units	MCAWW 150.1
Field Conductivity	76	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	2.1	0.5	mg/L	MCAWW 360.1
Field Turbidity	243.0		NTU	MCAWW 180.1

PREPARATION METHODS SUMMARY

D9D090294

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
********		MCAWW 180.1
********		MCAWW 360.1
********		NONE Depth to W
********		NONE Field eH (
********		NONE Well Eleva
Field pH	MCAWW 150.1	MCAWW 150.1
Field Conductivity	MCAWW 120.1	MCAWW 120.1
Field Temperature	MCAWW 170.1	MCAWW 170.1
Field Test	NONE Field Test	NONE GW Elevati
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.

NONE

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

ANALYTICAL METHODS SUMMARY

D9D090294

PARAMETER	ANALYTICAL METHOD
	NONE Depth to Water
	NONE Field eH (Redox)
	NONE GW Elevation
	NONE Well Elevation
Field pH	MCAWW 150.1
Field Conductivity	MCAWW 120.1
Field Dissolved Oxygen	MCAWW 360.1
Field Temperature	MCAWW 170.1
Field Turbidity	MCAWW 180.1
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.

NONE

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

METHOD / ANALYST SUMMARY

D9D090294

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 120.1	Outside Lab	OUT
MCAWW 150.1	Outside Lab	OUT
MCAWW 170.1	Outside Lab	OUT
MCAWW 180.1	Outside Lab	OUT
MCAWW 360.1	Outside Lab	OUT
NONE Depth to Water	Outside Lab	OUT
NONE Field eH (Redox)	Outside Lab	OUT
NONE GW Elevation	Outside Lab	OUT
NONE Well Elevation	Outside Lab	OUT
SW846 8260B	Huaqing Zhou	005417

References:

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

NONE

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

SAMPLE SUMMARY

D9D090294

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K9WDJ	001	3406-MW02	04/08/09	11:15
K9WDK	002	3406-MW04D	04/08/09	12:00
K9WDL	003	3406-FIELD BLANK	04/08/09	12:05
K9WDN	004	3406-TRIP BLANK	04/08/09	

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 #...: D9D090294-001 Work Order #...: K9WDJ1AA Matrix.....: WG
Date Sampled...: 04/08/09 11:15 Date Received..: 04/09/09
Prep Date.....: 04/21/09 Analysis Date..: 04/21/09
Prep Batch #...: 9112466 Analysis Time..: 15:00
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Vinyl chloride	ND	1.0	ug/L	0.40

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	84	(79 - 120)
1,2-Dichloroethane-d4	73	(65 - 126)
4-Bromofluorobenzene	100	(75 - 120)
Toluene-d8	104	(78 - 120)

Waste Management, Inc.

Client Sample ID: 3406-MW04D

GC/MS Volatiles

Lot-Sample #...: D9D090294-002 Work Order #...: K9WDK1AA Matrix.....: WG
Date Sampled...: 04/08/09 12:00 Date Received..: 04/09/09
Prep Date.....: 04/21/09 Analysis Date..: 04/21/09
Prep Batch #...: 9112466 Analysis Time..: 15:46
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	1.0	ug/L	0.17

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(79 - 120)
1,2-Dichloroethane-d4	90	(65 - 126)
4-Bromofluorobenzene	105	(75 - 120)
Toluene-d8	102	(78 - 120)

Waste Management, Inc.

Client Sample ID: 3406-FIELD BLANK

GC/MS Volatiles

Lot-Sample #...: D9D090294-003 Work Order #...: K9WDL1AA Matrix.....: WQ
Date Sampled...: 04/08/09 12:05 Date Received..: 04/09/09
Prep Date.....: 04/21/09 Analysis Date..: 04/21/09
Prep Batch #...: 9112466 Analysis Time..: 16:10
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.40

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(79 - 120)
1,2-Dichloroethane-d4	89	(65 - 126)
4-Bromofluorobenzene	100	(75 - 120)
Toluene-d8	101	(78 - 120)

Waste Management, Inc.

Client Sample ID: 3406-TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D9D090294-004
Date Sampled...: 04/08/09
Prep Date.....: 04/21/09
Prep Batch #...: 9112466
Dilution Factor: 1

Work Order #...: K9WDN1AA
Date Received..: 04/09/09
Analysis Date..: 04/21/09
Analysis Time..: 16:34

Matrix.....: WQ

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.40

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(79 - 120)
1,2-Dichloroethane-d4	89	(65 - 126)
4-Bromofluorobenzene	100	(75 - 120)
Toluene-d8	103	(78 - 120)

Waste Management, Inc.

Client Sample ID: 3406-MW02

General Chemistry

Lot-Sample #...: D9D090294-001 Work Order #...: K9WDJ Matrix.....: WG
Date Sampled...: 04/08/09 11:15 Date Received..: 04/09/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Depth to Water	28.10		ft	NONE Depth to Wat	04/08/09	9100138
		Dilution Factor: 1		Analysis Time..: 11:15	MDL.....:	
Field eH (Redox)	-55.4		mV	NONE Field eH (Re	04/08/09	9100137
		Dilution Factor: 1		Analysis Time..: 11:15	MDL.....:	
Field pH	5.14	0.1	No Units	MCAWW 150.1	04/08/09	9100137
		Dilution Factor: 1		Analysis Time..: 11:15	MDL.....:	
Field Conductivity	97	1	umhos/cm	MCAWW 120.1	04/08/09	9100137
		Dilution Factor: 1		Analysis Time..: 11:15	MDL.....:	
Field Dissolved Oxygen	2.3	0.5	mg/L	MCAWW 360.1	04/08/09	9100137
		Dilution Factor: 1		Analysis Time..: 11:15	MDL.....: 0.01	
Field Temperature	4.1	--	deg C	MCAWW 170.1	04/08/09	9100137
		Dilution Factor: 1		Analysis Time..: 11:15	MDL.....:	
Field Turbidity	4.7		NTU	MCAWW 180.1	04/08/09	9100137
		Dilution Factor: 1		Analysis Time..: 11:15	MDL.....:	
Groundwater Elevation	749.94		ft/msl	NONE GW Elevation	04/08/09	9100137
		Dilution Factor: 1		Analysis Time..: 11:15	MDL.....:	
Well Elevation	778.04		ft/msl	NONE Well Elevati	04/08/09	9100137
		Dilution Factor: 1		Analysis Time..: 11:15	MDL.....:	

Waste Management, Inc.

Client Sample ID: 3406-MW04D

General Chemistry

Lot-Sample #...: D9D090294-002 Work Order #...: K9WDK Matrix.....: WG
Date Sampled...: 04/08/09 12:00 Date Received..: 04/09/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Depth to Water	13.05		ft	NONE Depth to Wat	04/08/09	9100138
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....:	
Field eH (Redox)	-41.9		mV	NONE Field eH (Re	04/08/09	9100137
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....:	
Field pH	5.84	0.1	No Units	MCAWW 150.1	04/08/09	9100137
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....:	
Field Conductivity	76	1	umhos/cm	MCAWW 120.1	04/08/09	9100137
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....:	
Field Dissolved Oxygen	2.1	0.5	mg/L	MCAWW 360.1	04/08/09	9100137
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....: 0.01	
Field Temperature	13.9	--	deg C	MCAWW 170.1	04/08/09	9100137
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....:	
Field Turbidity	243.0		NTU	MCAWW 180.1	04/08/09	9100137
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....:	
Groundwater Elevation	744.28		ft/msl	NONE GW Elevation	04/08/09	9100137
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....:	
Well Elevation	757.33		ft/msl	NONE Well Elevati	04/08/09	9100137
		Dilution Factor: 1		Analysis Time..: 12:00	MDL.....:	

QC DATA ASSOCIATION SUMMARY

D9D090294

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WG	NONE Depth to Wat		9100138	
	WG	NONE GW Elevation		9100137	
	WG	NONE Well Elevati		9100137	
	WG	NONE Field eH (Re		9100137	
	WG	MCAWW 170.1		9100137	
	WG	MCAWW 150.1		9100137	
	WG	MCAWW 120.1		9100137	
	WG	MCAWW 360.1		9100137	
	WG	SW846 8260B		9112466	9113219
	WG	MCAWW 180.1		9100137	
002	WG	NONE Depth to Wat		9100138	
	WG	NONE GW Elevation		9100137	
	WG	NONE Well Elevati		9100137	
	WG	NONE Field eH (Re		9100137	
	WG	MCAWW 170.1		9100137	
	WG	MCAWW 150.1		9100137	
	WG	MCAWW 120.1		9100137	
	WG	MCAWW 360.1		9100137	
	WG	SW846 8260B		9112466	9113219
	WG	MCAWW 180.1		9100137	
003	WQ	SW846 8260B		9112466	9113219
004	WQ	SW846 8260B		9112466	9113219

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D9D090294
MB Lot-Sample #: D9D220000-466
Analysis Date..: 04/21/09
Dilution Factor: 1

Work Order #...: LAL3J1AA
Prep Date.....: 04/21/09
Prep Batch #...: 9112466

Matrix.....: WATER
Analysis Time..: 15:22

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	82	(79 - 120)
1,2-Dichloroethane-d4	68	(65 - 126)
4-Bromofluorobenzene	96	(75 - 120)
Toluene-d8	109	(78 - 120)

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 #...: D9D090294 Work Order #...: LAL3J1AC Matrix.....: WATER
LCS Lot-Sample#: D9D220000-466
Prep Date.....: 04/21/09 Analysis Date..: 04/21/09
Prep Batch #...: 9112466 Analysis Time..: 10:46
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	89	(73 - 120)	SW846 8260B
1,1-Dichloroethene	98	(68 - 133)	SW846 8260B
Benzene	84	(77 - 118)	SW846 8260B
Chlorobenzene	87	(78 - 118)	SW846 8260B
Trichloroethene	86	(78 - 122)	SW846 8260B
Chloroform	81	(78 - 118)	SW846 8260B
1,3-Dichlorobenzene	86	(75 - 115)	SW846 8260B
1,1-Dichloroethane	83	(77 - 117)	SW846 8260B
1,2-Dichloropropane	81	(76 - 116)	SW846 8260B
Ethylbenzene	91	(78 - 118)	SW846 8260B
Methylene chloride	85	(71 - 119)	SW846 8260B
Tetrachloroethene	96	(77 - 117)	SW846 8260B
1,1,1-Trichloroethane	85	(78 - 118)	SW846 8260B
Carbon tetrachloride	84	(80 - 120)	SW846 8260B
trans-1,2-Dichloroethene	87	(80 - 120)	SW846 8260B
Bromodichloromethane	79	(78 - 118)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(79 - 120)
1,2-Dichloroethane-d4	92	(65 - 126)
4-Bromofluorobenzene	105	(75 - 120)
Toluene-d8	109	(78 - 120)

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 #...: D9D090294 Work Order #...: LAL3J1AC Matrix.....: WATER
LCS Lot-Sample#: D9D220000-466
Prep Date.....: 04/21/09 Analysis Date..: 04/21/09
Prep Batch #...: 9112466 Analysis Time..: 10:46
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**5.00**	**4.47**	**ug/L**	**89**	**SW846 8260B**
1,1-Dichloroethene	**5.00**	**4.91**	**ug/L**	**98**	**SW846 8260B**
Benzene	**5.00**	**4.22**	**ug/L**	**84**	**SW846 8260B**
Chlorobenzene	**5.00**	**4.33**	**ug/L**	**87**	**SW846 8260B**
Trichloroethene	**5.00**	**4.29**	**ug/L**	**86**	**SW846 8260B**
Chloroform	**5.00**	**4.05**	**ug/L**	**81**	**SW846 8260B**
1,3-Dichlorobenzene	**5.00**	**4.32**	**ug/L**	**86**	**SW846 8260B**
1,1-Dichloroethane	**5.00**	**4.14**	**ug/L**	**83**	**SW846 8260B**
1,2-Dichloropropane	**5.00**	**4.06**	**ug/L**	**81**	**SW846 8260B**
Ethylbenzene	**5.00**	**4.55**	**ug/L**	**91**	**SW846 8260B**
Methylene chloride	**5.00**	**4.27**	**ug/L**	**85**	**SW846 8260B**
Tetrachloroethene	**5.00**	**4.78**	**ug/L**	**96**	**SW846 8260B**
1,1,1-Trichloroethane	**5.00**	**4.25**	**ug/L**	**85**	**SW846 8260B**
Carbon tetrachloride	**5.00**	**4.22**	**ug/L**	**84**	**SW846 8260B**
trans-1,2-Dichloroethene	**5.00**	**4.37**	**ug/L**	**87**	**SW846 8260B**
Bromodichloromethane	**5.00**	**3.94**	**ug/L**	**79**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(79 - 120)
1,2-Dichloroethane-d4	92	(65 - 126)
4-Bromofluorobenzene	105	(75 - 120)
Toluene-d8	109	(78 - 120)

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 #...: D9D090294 Work Order #...: LALFR1AC-MS Matrix.....: WATER
MS Lot-Sample #: D9C020173-020 LALFR1AD-MSD
Date Sampled...: 04/08/09 10:00 Date Received..: 04/09/09
Prep Date.....: 04/21/09 Analysis Date..: 04/21/09
Prep Batch #...: 9112466 Analysis Time..: 12:14
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Toluene	101	(73 - 120)			SW846 8260B
	96	(73 - 120)	5.0	(0-20)	SW846 8260B
1,1-Dichloroethene	73	(68 - 133)			SW846 8260B
	69	(68 - 133)	5.1	(0-20)	SW846 8260B
Benzene	91	(77 - 118)			SW846 8260B
	93	(77 - 118)	2.0	(0-20)	SW846 8260B
Chlorobenzene	94	(78 - 118)			SW846 8260B
	94	(78 - 118)	0.25	(0-20)	SW846 8260B
Trichloroethene	163 a	(78 - 122)			SW846 8260B
	156 a	(78 - 122)	0.96	(0-20)	SW846 8260B
Chloroform	89	(78 - 118)			SW846 8260B
	92	(78 - 118)	2.7	(0-20)	SW846 8260B
1,3-Dichlorobenzene	94	(75 - 115)			SW846 8260B
	99	(75 - 115)	4.6	(0-20)	SW846 8260B
1,1-Dichloroethane	86	(77 - 117)			SW846 8260B
	87	(77 - 117)	0.59	(0-21)	SW846 8260B
1,2-Dichloropropane	85	(76 - 116)			SW846 8260B
	90	(76 - 116)	6.6	(0-20)	SW846 8260B
Ethylbenzene	107	(78 - 118)			SW846 8260B
	101	(78 - 118)	5.5	(0-26)	SW846 8260B
Methylene chloride	73	(71 - 119)			SW846 8260B
	81	(71 - 119)	9.9	(0-20)	SW846 8260B
Tetrachloroethene	113	(77 - 117)			SW846 8260B
	106	(77 - 117)	6.8	(0-20)	SW846 8260B
1,1,1-Trichloroethane	99	(78 - 118)			SW846 8260B
	95	(78 - 118)	3.3	(0-20)	SW846 8260B
Carbon tetrachloride	102	(80 - 120)			SW846 8260B
	96	(80 - 120)	3.9	(0-21)	SW846 8260B
trans-1,2-Dichloroethene	84	(80 - 120)			SW846 8260B
	86	(80 - 120)	1.2	(0-24)	SW846 8260B
Bromodichloromethane	77 a	(78 - 118)			SW846 8260B
	87	(78 - 118)	12	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(79 - 120)
	93	(79 - 120)
1,2-Dichloroethane-d4	76	(65 - 126)
	86	(65 - 126)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D9D090294 Work Order #...: LALFR1AC-MS Matrix.....: WATER
MS Lot-Sample #: D9C020173-020 LALFR1AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	93	(75 - 120)
	95	(75 - 120)
Toluene-d8	110	(78 - 120)
	104	(78 - 120)

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 #...: D9D090294 Work Order #...: LALFR1AC-MS Matrix.....: WATER
MS Lot-Sample #: D9C020173-020 LALFR1AD-MSD
Date Sampled...: 04/08/09 10:00 Date Received..: 04/09/09
Prep Date.....: 04/21/09 Analysis Date..: 04/21/09
Prep Batch #...: 9112466 Analysis Time..: 12:14
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Toluene	ND	5.00	5.05	ug/L	101		SW846 8260B
	ND	5.00	4.80	ug/L	96	5.0	SW846 8260B
1,1-Dichloroethene	0.48	5.00	4.15	ug/L	73		SW846 8260B
	0.48	5.00	3.94	ug/L	69	5.1	SW846 8260B
Benzene	ND	5.00	4.54	ug/L	91		SW846 8260B
	ND	5.00	4.63	ug/L	93	2.0	SW846 8260B
Chlorobenzene	ND	5.00	4.69	ug/L	94		SW846 8260B
	ND	5.00	4.68	ug/L	94	0.25	SW846 8260B
Trichloroethene	30	5.00	37.9	ug/L	163 a		SW846 8260B
	30	5.00	37.5	ug/L	156 a	0.96	SW846 8260B
Chloroform	0.44	5.00	4.89	ug/L	89		SW846 8260B
	0.44	5.00	5.02	ug/L	92	2.7	SW846 8260B
1,3-Dichlorobenzene	ND	5.00	4.71	ug/L	94		SW846 8260B
	ND	5.00	4.93	ug/L	99	4.6	SW846 8260B
1,1-Dichloroethane	0.17	5.00	4.49	ug/L	86		SW846 8260B
	0.17	5.00	4.51	ug/L	87	0.59	SW846 8260B
1,2-Dichloropropane	ND	5.00	4.23	ug/L	85		SW846 8260B
	ND	5.00	4.52	ug/L	90	6.6	SW846 8260B
Ethylbenzene	ND	5.00	5.33	ug/L	107		SW846 8260B
	ND	5.00	5.04	ug/L	101	5.5	SW846 8260B
Methylene chloride	ND	5.00	3.66	ug/L	73		SW846 8260B
	ND	5.00	4.03	ug/L	81	9.9	SW846 8260B
Tetrachloroethene	ND	5.00	5.65	ug/L	113		SW846 8260B
	ND	5.00	5.28	ug/L	106	6.8	SW846 8260B
1,1,1-Trichloroethane	ND	5.00	4.93	ug/L	99		SW846 8260B
	ND	5.00	4.76	ug/L	95	3.3	SW846 8260B
Carbon tetrachloride	1.8	5.00	6.90	ug/L	102		SW846 8260B
	1.8	5.00	6.64	ug/L	96	3.9	SW846 8260B
trans-1,2-Dichloroethene	ND	5.00	4.22	ug/L	84		SW846 8260B
	ND	5.00	4.28	ug/L	86	1.2	SW846 8260B
Bromodichloromethane	ND	5.00	3.85	ug/L	77 a		SW846 8260B
	ND	5.00	4.36	ug/L	87	12	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(79 - 120)
	93	(79 - 120)
1,2-Dichloroethane-d4	76	(65 - 126)
	86	(65 - 126)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D9D090294 Work Order #...: LALFR1AC-MS Matrix.....: WATER
MS Lot-Sample #: D9C020173-020 LALFR1AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	93	(75 - 120)
	95	(75 - 120)
Toluene-d8	110	(78 - 120)
	104	(78 - 120)

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.

[redacted]

Chain of Custody Record

3.6°C
CTK
4-9-09
IR1

Sampler ID _____

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

22

TAL-4124-280 (0508)

Client: WM	Project Manager: AL LACSAMANA	Date:	Chain of Custody Number: 117406
Address: 1000 PARKWOOD CIRCLE, STE. 700	Telephone Number (Area Code)/Fax Number: (770)-805-3366 / (866) 213-3007	Lab Number:	Page 1 of 1
City: ATLANTA; State: GA; Zip Code: 30339	Site Contact:	Lab Contact: Betsy Sars	
Project Name and Location (State): Redmond	Carrier/Waybill Number: FED-EX / ORDER 727899		
Contract/Purchase Order/Quote No.: 134 267744-L			

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		Vinylchloride	Toluene	Special Instructions/ Conditions of Receipt
~~MW-02~~ 3406-MW02	4/8/09	1115		Y							Y				X		
~~MW-04D~~ 3406-MW04D	"	1200		Y							Y					X	
3406-FIELD BLANK	"	1205		Y							Y				X	X	
3406-Trip Blank	—	—		Y							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):

1. Relinquished By: [signature]	Date: 4/8/09	Time: 1300	1. Received By: [signature]	Date: 4/9/09	Time: 0900
2. Relinquished By:	Date:	Time:	2. Received By:	Date:	Time:
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments:

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

TestAmerica

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.: 3406 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: D9D08274 - 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
040809	1107	00	12	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-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) (5): 778.04 (ft/msl)

Depth to Water (DTW) (from TOC): 28.10 (ft)

Groundwater Elevation (site datum, from TOC) (4): 749.94 (ft/msl)

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

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

Casing ID: 02 (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)
1107	1st	525	99	139	51	26	-598	285
1110	2nd	517	99	141	43	21	-559	284
1113	3rd	514	97	141	47	23	-554	284
	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 (2) (std)	CONDUCTANCE (1) (umhos/cm @ 25°C)	TEMP. (3) (°C)	TURBIDITY (7) (ntu)	DO (6) (mg/L-ppm)	eH/ORP (8) (mV)	Other: DTW Units: Ft
040809	514	97	41	47	23	-554	28.4

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: Colorless Other: —

Weather Conditions (required daily, or as conditions change): Direction/Speed: Slight Breeze Outlook: Partly Cloudy, 40s Precipitation: Y or (N)

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

FIELD COMMENTS

System Volume: 750 mL Flow cell vol: 500 mL
Purging rate: ≈ 250 mL/min PSI Setting: ≈ 18
Well condition: Good, no label on well
Sampling time: 11:15

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
4,8,09	Carrie Mitchell	[signature]	JEI
4,8,09	Robert Winfield	[signature]	JEI

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.: 3406 Sample Point: MW04D (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: 590090294-002

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
040809	1146		80	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: C/O — 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): 1305 (ft)

Groundwater Elevation (site datum, from TOC): 74428 (ft/msl)

Total Well Depth (from TOC): 6260 (ft)

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

Casing ID: 02 (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)
1146	1st	630	1st 84	120	706	22	-838	138
1149	2nd	593	2nd 75	131	1425	19	-531	137
1152	3rd	583	3rd 75	136	1860	20	-411	136
1155	4th	584	4th 76	139	2430	21	-419	136
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 Ft.
040809	584	76	139	2430	21	-419	136

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: Cloudy Odor: None Color: Light Brown Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: Breezy Outlook: Mostly Cloudy, 50's Precipitation: Y or (N)

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

System Volume: 1020mL Flow Cell Vol: 500 mL

Purge Rate: 250 ml/min PSI SETTING: 22

Well condition: Good Sample Time: 12:00

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
4/8/09	Carrie Mitchell	[signature]	JEI
4/8/09	Robert Winfield	[signature]	JEI

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

Project No. Site 134

Piedmont Landfill

Lot #: D9C120154

Leachate

Al Lacsamana

Waste Management Inc.
Southern Area
1000 Parkwood Circle
Suite 700
Atlanta, GA 30339

Cc: Van Burbach

TestAmerica Denver
North Carolina Certification # 358

Betsy Sara
Project Manager

March 25, 2009

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**

Case Narrative

Enclosed is the report for two samples received at TestAmerica Denver on March 12, 2009. 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 D9C120154

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

All holding times were within established control limits.

Trip Blank

Methylene Chloride, a common laboratory contaminant, was detected in the trip blank sample at a level below the requested reporting limit. Methylene Chloride was also detected in the sample 3406-T01, however at a level greater than ten times the result for the trip blank sample, and therefore there is no impact on the sample result.

Method Blanks

Total Mercury Method 7470A, Total Silver Method 6010B and Total Thallium 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.

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-T01 was selected to fulfill the laboratory batch quality control requirements for Method 7470A. Analysis of the laboratory generated MS/MSD for this sample provided recoveries of Total Mercury below the lower control limit indicating the possible presence of a matrix interference.

The percent recoveries and/or the relative percent difference of the MS/MSD performed on a sample from another client were not calculated for Total Magnesium, Total Calcium and Total Sodium during Method 6010B analysis because the sample concentration was greater than four times the spike amount.

The Matrix Spikes and Matrix Spike Duplicates performed on samples from other clients exhibited recoveries outside control limits for Total Lead Method 6010B and Sulfate Method D516-02. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

Due to the result concentration exceeding the calibration range the MS/MSD results for Sulfate Method D516-02 are estimated. The Sulfate MS/MSD was performed on a sample from another client.

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

Sample Duplicate

The RPD for Total Suspended Solids Method 2540 D performed on a sample from another client was outside control limits. Because all other QC and calibration criteria were met no corrective action was needed.

The RPD for Total Alkalinity Method 2320 B performed on a sample from another client was outside control limits. Because all other QC and calibration criteria were met no corrective action was needed.

General Chemistry

The historical data was reviewed for the sample 3406-T01 and the Biochemical Oxygen Demand (BOD) dilution factor of 10X was determined from the historical data range and the COD pre-screen result, however the dilution factor applied was higher than required for the sample in this submission, and therefore the BOD result is reported as less than 37 mg/L. The sample was over-diluted. Because the 48-hour holding time expired, reanalysis was not performed.

Due to a limitation in the instrument software, there has been a modification to the source ASTM Method D516-02. Two sets of readings are performed and compared per the manufacturer specifications. This procedure has been reviewed and accepted by TestAmerica Denver's NELAC accrediting body.

EXECUTIVE SUMMARY - Detection Highlights

D9C120154

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
3406-T01 03/11/09 08:35 001				
Thallium	0.069 B,J	1.0	ug/L	SW846 6020
Cadmium	0.22 B	1.0	ug/L	SW846 6020
Arsenic	12	5.0	ug/L	SW846 6020
Antimony	4.3	2.0	ug/L	SW846 6020
Mercury	0.054 B,J	0.20	ug/L	SW846 7470A
Potassium	150000	3000	ug/L	SW846 6010B
Magnesium	19000	200	ug/L	SW846 6010B
Calcium	30000	200	ug/L	SW846 6010B
Manganese	1900	10	ug/L	SW846 6010B
Iron	16000	100	ug/L	SW846 6010B
Sodium	540000	5000	ug/L	SW846 6010B
Barium	330	100	ug/L	SW846 6010B
Chromium	46	10	ug/L	SW846 6010B
Copper	24	15	ug/L	SW846 6010B
Nickel	96	50	ug/L	SW846 6010B
Vanadium	34	25	ug/L	SW846 6010B
Zinc	36	20	ug/L	SW846 6010B
Silver	0.93 B,J	10	ug/L	SW846 6010B
Cobalt	17	10	ug/L	SW846 6010B
Acetone	44 J	100	ug/L	SW846 8260B
Benzene	1.3 J	3.0	ug/L	SW846 8260B
2-Butanone (MEK)	15 J	100	ug/L	SW846 8260B
Chlorobenzene	0.20 J	3.0	ug/L	SW846 8260B
Chloroethane	0.48 J	10	ug/L	SW846 8260B
1,4-Dichlorobenzene	4.5	3.0	ug/L	SW846 8260B
1,1-Dichloroethane	0.44 J	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.95 J	5.0	ug/L	SW846 8260B
Ethylbenzene	0.68 J	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	8.3 J	100	ug/L	SW846 8260B
Toluene	2.3 J	5.0	ug/L	SW846 8260B
Trichloroethene	0.21 J	3.0	ug/L	SW846 8260B
Xylenes (total)	11	4.0	ug/L	SW846 8260B
Bicarbonate Alkalinity	1500	5.0	mg/L	SM18 2320 B
Chloride	740 Q	15	mg/L	MCAWW 300.0A
Field eH (Redox)	-110		mV	NONE Field eH (Re
Field Temperature	15.3	--	deg C	MCAWW 170.1
Field pH	7.02	0.1	No Units	MCAWW 150.1
Field Conductivity	9363	1	umhos/cm	MCAWW 120.1
Total phosphorus	1.3 Q	0.25	mg/L	MCAWW 365.3
Field Dissolved Oxygen	0.2	0.5	mg/L	MCAWW 360.1
Biochemical Oxygen Demand (BOD)	37 <,G	20	mg/L	SM18 5210 B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D9C120154

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
3406-T01 03/11/09 08:35 001				
Total Organic Carbon	140 Q	10	mg/L	SM18 5310B
Total Dissolved Solids	1900 Q	20	mg/L	SM18 2540 C
Total Suspended Solids	70 Q	8.0	mg/L	SM18 2540 D
Total Alkalinity	1500	5.0	mg/L	SM18 2320 B
Field Turbidity	25.0		NTU	MCAWW 180.1
Ammonia as N	280 Q	4.0	mg/L	MCAWW 350.1
Chemical Oxygen Demand (COD)	260 Q	250	mg/L	MCAWW 410.4
Sulfate	15	5.0	mg/L	ASTM D516-02
TRIP 03/11/09 002				
Acetone	3.0 J	100	ug/L	SW846 8260B

PREPARATION METHODS SUMMARY

D9C120154

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
********		MCAWW 180.1
********		MCAWW 360.1
********		NONE Field eH (
Acid Digestion for Total Metals by ICPMS	SW846 3020A	SW846 6020
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
Alkalinity	SM18 2320 B	SM18 2320 B
Ammonia preparation	MCAWW 350.1	MCAWW 350.1
Bicarbonate Alkalinity	SM20 2320B	SM18 2320 B
Carbonate Alkalinity	SM20 2320B	SM18 2320 B
Chemical Oxygen Demand	MCAWW 410.4	MCAWW 410.4
Chloride	MCAWW 300.0A	MCAWW 300.0A
Field pH	MCAWW 150.1	MCAWW 150.1
Field Conductivity	MCAWW 120.1	MCAWW 120.1
Field Temperature	MCAWW 170.1	MCAWW 170.1
Incubation	SM18 5210 B	SM18 5210 B
Mercury Sample Preparation	SW846 7470A	SW846 7470A
Result obtained by calculation	MCAWW 353.2	MCAWW 353.2
Total Dissoved Solids	SM18 2540 C	SM18 2540 C
Total Organic Carbon	SM18 5310 B	SM18 5310B
Total Phosphorus	MCAWW 365.3	MCAWW 365.3
Total Suspended Solids	SM18 2540 D	SM18 2540 D
Turbidimetric Sulfate	ASTM D516-02	ASTM D516-02
25 mL Purge-and-Trap	SW846 5030B/826	SW846 8260B

References:

ASTM Annual Book Of ASTM Standards.

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

NONE

SM18 "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.

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

ANALYTICAL METHODS SUMMARY

D9C120154

PARAMETER	ANALYTICAL METHOD
	NONE Field eH (Redox)
Alkalinity, Total	SM18 2320 B
Bicarbonate alkalinity	SM18 2320 B
Biochemical Oxygen Demand	SM18 5210 B
Carbonate Alkalinity	SM18 2320 B
Chemical Oxygen Demand	MCAWW 410.4
Chloride	MCAWW 300.0A
Field pH	MCAWW 150.1
Field Conductivity	MCAWW 120.1
Field Dissolved Oxygen	MCAWW 360.1
Field Temperature	MCAWW 170.1
Field Turbidity	MCAWW 180.1
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
Sulfate	ASTM D516-02
Total phosphorus	MCAWW 365.3
Total Dissolved Solids	SM18 2540 C
Total Organic Carbon by Combustion-Infrared	SM18 5310B
Total Suspended Solids	SM18 2540 D
Volatile Organics by GC/MS	SW846 8260B

References:

ASTM Annual Book Of ASTM Standards.

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

NONE

SM18 "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.

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

METHOD / ANALYST SUMMARY

D9C120154

ANALYTICAL METHOD	ANALYST	ANALYST ID
ASTM D516-02	Bryan Gilbert	007254
MCAWW 120.1	Outside Lab	OUT
MCAWW 150.1	Outside Lab	OUT
MCAWW 170.1	Outside Lab	OUT
MCAWW 180.1	Outside Lab	OUT
MCAWW 300.0A	Thu L. Phan	014145
MCAWW 350.1	Brett Wolff	009878
MCAWW 353.2	Brett Wolff	009878
MCAWW 360.1	Outside Lab	OUT
MCAWW 365.3	Bryan Gilbert	007254
MCAWW 410.4	ReAnna Davis	002266
NONE Field eH (Redox)	Outside Lab	OUT
SM18 2320 B	Marcia DeRosia	002500
SM18 2540 C	Brandon Domnick	018631
SM18 2540 D	braden H. peterson	006733
SM18 5210 B	Elizabeth Fisher	009292
SM18 5310B	ReAnna Davis	002266
SW846 6010B	Lynn-Anne Trudell	6645
SW846 6020	Thomas Lill	006929
SW846 6020	Thomas Lill	6929
SW846 7470A	Christopher Grisdale	9582
SW846 8260B	Huaqing Zhou	005417

References:

ASTM Annual Book Of ASTM Standards.

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

NONE

SM18 "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.

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

SAMPLE SUMMARY

D9C120154

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K8EHW	001	3406-T01	03/11/09	08:35
K8EH4	002	TRIP	03/11/09	

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-T01

GC/MS Volatiles

Lot-Sample #...: D9C120154-001 **Work Order #...:** K8EHW1AG **Matrix.....:** WL
Date Sampled...: 03/11/09 08:35 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 15:26
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**44 J**	**100**	**ug/L**	**1.9**
Acrylonitrile	ND	200	ug/L	1.4
Benzene	**1.3 J**	**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)	**15 J**	**100**	**ug/L**	**1.8**
Carbon disulfide	ND	100	ug/L	0.45
Carbon tetrachloride	ND	5.5	ug/L	0.19
Chlorobenzene	**0.20 J**	**3.0**	**ug/L**	**0.17**
Dibromochloromethane	ND	3.0	ug/L	0.17
Chloroethane	**0.48 J**	**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	**4.5**	**3.0**	**ug/L**	**0.16**
trans-1,4-Dichloro-2-butene	ND	100	ug/L	0.80
1,1-Dichloroethane	**0.44 J**	**5.0**	**ug/L**	**0.16**
1,2-Dichloroethane	ND	3.0	ug/L	0.13
cis-1,2-Dichloroethene	**0.95 J**	**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	**0.68 J**	**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	**8.3 J**	**100**	**ug/L**	**1.0**
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: 3406-T01

GC/MS Volatiles

Lot-Sample #...: D9C120154-001 **Work Order #...:** K8EHW1AG **Matrix.....:** WL

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	**2.3 J**	**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	**0.21 J**	**3.0**	**ug/L**	**0.16**
Trichlorofluoromethane	ND	5.0	ug/L	0.29
1,2,3-Trichloropropane	ND	8.0	ug/L	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	5.5	ug/L	0.40
Xylenes (total)	**11**	**4.0**	**ug/L**	**0.19**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(79 - 120)
1,2-Dichloroethane-d4	99	(65 - 126)
4-Bromofluorobenzene	94	(75 - 120)
Toluene-d8	91	(78 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: TRIP

GC/MS Volatiles

Lot-Sample #...: D9C120154-002 **Work Order #...:** K8EH41AA **Matrix.....:** WQ
Date Sampled...: 03/11/09 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 15:06
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**3.0 J**	**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	1.0
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 #...: D9C120154-002 **Work Order #...:** K8EH41AA **Matrix.....:** WQ

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	5.5	ug/L	0.40
Xylenes (total)	ND	4.0	ug/L	0.19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(79 - 120)
1,2-Dichloroethane-d4	95	(65 - 126)
4-Bromofluorobenzene	110	(75 - 120)
Toluene-d8	109	(78 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-T01

TOTAL Metals

Lot-Sample #...: D9C120154-001 **Matrix.....:** WL
Date Sampled...: 03/11/09 08:35 **Date Received..:** 03/12/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9071488						
Mercury	**0.054 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**03/18-03/19/09**	**K8EHW1AK**
		Dilution Factor: 1		Analysis Time..: 01:30	MDL.....: 0.027	
Prep Batch #...: 9072068						
Potassium	**150000**	**3000**	**ug/L**	**SW846 6010B**	**03/16-03/17/09**	**K8EHW1AM**
		Dilution Factor: 1		Analysis Time..: 14:37	MDL.....: 240	
Magnesium	**19000**	**200**	**ug/L**	**SW846 6010B**	**03/16-03/17/09**	**K8EHW1AN**
		Dilution Factor: 1		Analysis Time..: 14:37	MDL.....: 11	
Calcium	**30000**	**200**	**ug/L**	**SW846 6010B**	**03/16-03/17/09**	**K8EHW1AR**
		Dilution Factor: 1		Analysis Time..: 14:37	MDL.....: 34	
Manganese	**1900**	**10**	**ug/L**	**SW846 6010B**	**03/16-03/17/09**	**K8EHW1AT**
		Dilution Factor: 1		Analysis Time..: 14:37	MDL.....: 0.25	
Iron	**16000**	**100**	**ug/L**	**SW846 6010B**	**03/16-03/17/09**	**K8EHW1AU**
		Dilution Factor: 1		Analysis Time..: 14:37	MDL.....: 22	
Sodium	**540000**	**5000**	**ug/L**	**SW846 6010B**	**03/16-03/17/09**	**K8EHW1AV**
		Dilution Factor: 1		Analysis Time..: 14:37	MDL.....: 92	
Barium	**330**	**100**	**ug/L**	**SW846 6010B**	**03/16-03/17/09**	**K8EHW1AW**
		Dilution Factor: 1		Analysis Time..: 14:37	MDL.....: 0.58	
Chromium	**46**	**10**	**ug/L**	**SW846 6010B**	**03/16-03/17/09**	**K8EHW1AX**
		Dilution Factor: 1		Analysis Time..: 14:37	MDL.....: 0.66	
Copper	**24**	**15**	**ug/L**	**SW846 6010B**	**03/16-03/17/09**	**K8EHW1A0**
		Dilution Factor: 1		Analysis Time..: 14:37	MDL.....: 1.4	
Nickel	**96**	**50**	**ug/L**	**SW846 6010B**	**03/16-03/17/09**	**K8EHW1A1**
		Dilution Factor: 1		Analysis Time..: 14:37	MDL.....: 1.3	
Lead	ND	10	ug/L	SW846 6010B	03/16-03/17/09	K8EHW1A2
		Dilution Factor: 1		Analysis Time..: 14:37	MDL.....: 2.6	
Selenium	ND	15	ug/L	SW846 6010B	03/16-03/17/09	K8EHW1A3
		Dilution Factor: 1		Analysis Time..: 14:37	MDL.....: 4.9	

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Waste Management, Inc.

Client Sample ID: 3406-T01

TOTAL Metals

Lot-Sample #...: D9C120154-001 **Matrix.....:** WL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**34**	**25**	**ug/L**	**SW846 6010B**	**03/16-03/17/09**	**K8EHW1A4**
		Dilution Factor: 1		Analysis Time..: 14:37	MDL.....: 1.1	
Zinc	**36**	**20**	**ug/L**	**SW846 6010B**	**03/16-03/17/09**	**K8EHW1A5**
		Dilution Factor: 1		Analysis Time..: 14:37	MDL.....: 4.5	
Silver	**0.93 B,J**	**10**	**ug/L**	**SW846 6010B**	**03/16-03/17/09**	**K8EHW1A6**
		Dilution Factor: 1		Analysis Time..: 14:37	MDL.....: 0.93	
Cobalt	**17**	**10**	**ug/L**	**SW846 6010B**	**03/16-03/17/09**	**K8EHW1A7**
		Dilution Factor: 1		Analysis Time..: 14:37	MDL.....: 1.2	
Prep Batch #...: 9072210						
Thallium	**0.069 B,J**	**1.0**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8EHW1AA**
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 0.020	
Cadmium	**0.22 B**	**1.0**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8EHW1AC**
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 0.040	
Arsenic	**12**	**5.0**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8EHW1AD**
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 0.21	
Beryllium	ND	5.0	ug/L	SW846 6020	03/17-03/18/09	K8EHW1AE
		Dilution Factor: 5		Analysis Time..: 20:35	MDL.....: 0.40	
Antimony	**4.3**	**2.0**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8EHW1AF**
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 0.070	

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-T01

General Chemistry

Lot-Sample #...: D9C120154-001 **Work Order #...:** K8EHW **Matrix.....:** WL
Date Sampled...: 03/11/09 08:35 **Date Received..:** 03/12/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	**280 Q**	**4.0**	**mg/L**	**MCAWW 350.1**	**03/13/09**	**9072421**
		Dilution Factor: 100		Analysis Time..: 11:11	MDL.....: 2.2	
Bicarbonate Alkalinity	**1500**	**5.0**	**mg/L**	**SM18 2320 B**	**03/19/09**	**9079138**
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 1.1	
Biochemical Oxygen Demand (BOD)	**37 <,G**	**20**	**mg/L**	**SM18 5210 B**	**03/12/09**	**9071429**
		Dilution Factor: 10		Analysis Time..: 10:00	MDL.....: 3.0	
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	03/19/09	9079141
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 1.1	
Chemical Oxygen Demand (COD)	**260 Q**	**250**	**mg/L**	**MCAWW 410.4**	**03/16/09**	**9075394**
		Dilution Factor: 5		Analysis Time..: 16:00	MDL.....: 20	
Chloride	**740 Q**	**15**	**mg/L**	**MCAWW 300.0A**	**03/18/09**	**9078254**
		Dilution Factor: 50		Analysis Time..: 20:17	MDL.....: 13	
Field eH (Redox)	**-110**		**mV**	**NONE Field eH (Re**	**03/11/09**	**9076233**
		Dilution Factor: 1		Analysis Time..: 08:35	MDL.....:	
Field pH	**7.02**	**0.1**	**No Units**	**MCAWW 150.1**	**03/11/09**	**9076233**
		Dilution Factor: 1		Analysis Time..: 08:35	MDL.....:	
Field Conductivity	**9363**	**1**	**umhos/cm**	**MCAWW 120.1**	**03/11/09**	**9076233**
		Dilution Factor: 1		Analysis Time..: 08:35	MDL.....:	
Field Dissolved Oxygen	**0.2**	**0.5**	**mg/L**	**MCAWW 360.1**	**03/11/09**	**9076233**
		Dilution Factor: 1		Analysis Time..: 08:35	MDL.....: 0.01	
Field Temperature	**15.3**	**--**	**deg C**	**MCAWW 170.1**	**03/11/09**	**9076233**
		Dilution Factor: 1		Analysis Time..: 08:35	MDL.....:	
Field Turbidity	**25.0**		**NTU**	**MCAWW 180.1**	**03/11/09**	**9076233**
		Dilution Factor: 1		Analysis Time..: 08:35	MDL.....:	
Nitrate	ND	0.50	mg/L	MCAWW 353.2	03/12/09	9072426
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 0.019	
Sulfate	**15**	**5.0**	**mg/L**	**ASTM D516-02**	**03/13/09**	**9072331**
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 4.9	

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Waste Management, Inc.

Client Sample ID: 3406-T01

General Chemistry

Lot-Sample #...: D9C120154-001 **Work Order #...:** K8EHW **Matrix.....:** WL

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total phosphorus	1.3 Q	0.25	mg/L	MCAWW 365.3	03/19-03/20/09	9081047
		Dilution Factor: 5		Analysis Time..: 12:00	MDL.....: 0.025	
Total Alkalinity	1500	5.0	mg/L	SM18 2320 B	03/19/09	9079135
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 1.1	
Total Dissolved Solids	1900 Q	20	mg/L	SM18 2540 C	03/17/09	9076079
		Dilution Factor: 2		Analysis Time..: 12:00	MDL.....: 9.4	
Total Organic Carbon	140 Q	10	mg/L	SM18 5310B	03/17/09	9077340
		Dilution Factor: 10		Analysis Time..: 15:07	MDL.....: 1.6	
Total Suspended Solids	70 Q	8.0	mg/L	SM18 2540 D	03/12/09	9071361
		Dilution Factor: 2		Analysis Time..: 15:30	MDL.....: 2.2	

NOTE(S):

RL Reporting Limit

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

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

QC DATA ASSOCIATION SUMMARY

D9C120154

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WL	SM18 2320 B		9079138	
	WL	MCAWW 353.2		9072426	
	WL	MCAWW 300.0A		9078254	9078302
	WL	NONE Field eH (Re		9076233	
	WL	MCAWW 170.1		9076233	
	WL	MCAWW 150.1		9076233	
	WL	MCAWW 120.1		9076233	
	WL	MCAWW 365.3		9081047	9082034
	WL	MCAWW 360.1		9076233	
	WL	SM18 2320 B		9079141	
	WL	SM18 5210 B		9071429	9076266
	WL	SM18 5310B		9077340	9077210
	WL	SM18 2540 C		9076079	9076039
	WL	SM18 2540 D		9071361	9071200
	WL	SM18 2320 B		9079135	9079199
	WL	SW846 6020		9072210	9072130
	WL	SW846 7470A		9071488	9071268
	WL	SW846 8260B		9082210	9082122
	WL	SW846 6010B		9072068	9072053
	WL	MCAWW 180.1		9076233	
	WL	MCAWW 350.1		9072421	9072252
	WL	MCAWW 410.4		9075394	9075300
	WL	ASTM D516-02		9072331	9075089
002	WQ	SW846 8260B		9082210	9082122

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D9C120154 **Work Order #...:** K80W81AA **Matrix.....:** WATER
MB Lot-Sample #: D9C230000-210

Prep Date.....: 03/22/09 **Analysis Time..:** 12:39
Analysis Date..: 03/22/09 **Prep Batch #...:** 9082210
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 #...: D9C120154 **Work Order #...:** K80W81AA **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	90	(79 - 120)
1,2-Dichloroethane-d4	88	(65 - 126)
4-Bromofluorobenzene	93	(75 - 120)
Toluene-d8	107	(78 - 120)

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 #...: D9C120154 **Work Order #...:** K80W81AC **Matrix.....:** WATER
LCS Lot-Sample#: D9C230000-210
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 13:46
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**105**	**(77 - 118)**	**SW846 8260B**
1,3-Dichlorobenzene	**97**	**(75 - 115)**	**SW846 8260B**
Bromodichloromethane	**89**	**(78 - 118)**	**SW846 8260B**
Carbon tetrachloride	**92**	**(80 - 120)**	**SW846 8260B**
Chlorobenzene	**94**	**(78 - 118)**	**SW846 8260B**
Chloroform	**95**	**(78 - 118)**	**SW846 8260B**
1,1-Dichloroethane	**101**	**(77 - 117)**	**SW846 8260B**
trans-1,2-Dichloroethene	**109**	**(80 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**102**	**(68 - 133)**	**SW846 8260B**
1,2-Dichloropropane	**104**	**(76 - 116)**	**SW846 8260B**
Ethylbenzene	**99**	**(78 - 118)**	**SW846 8260B**
Methylene chloride	**89**	**(71 - 119)**	**SW846 8260B**
Tetrachloroethene	**93**	**(77 - 117)**	**SW846 8260B**
Toluene	**97**	**(73 - 120)**	**SW846 8260B**
1,1,1-Trichloroethane	**94**	**(78 - 118)**	**SW846 8260B**
Trichloroethene	**93**	**(78 - 122)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(79 - 120)
1,2-Dichloroethane-d4	88	(65 - 126)
4-Bromofluorobenzene	96	(75 - 120)
Toluene-d8	91	(78 - 120)

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 #...: D9C120154 **Work Order #...:** K80W81AC **Matrix.....:** WATER
LCS Lot-Sample#: D9C230000-210
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 13:46
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**5.00**	**5.24**	**ug/L**	**105**	**SW846 8260B**
1,3-Dichlorobenzene	**5.00**	**4.83**	**ug/L**	**97**	**SW846 8260B**
Bromodichloromethane	**5.00**	**4.47**	**ug/L**	**89**	**SW846 8260B**
Carbon tetrachloride	**5.00**	**4.62**	**ug/L**	**92**	**SW846 8260B**
Chlorobenzene	**5.00**	**4.71**	**ug/L**	**94**	**SW846 8260B**
Chloroform	**5.00**	**4.75**	**ug/L**	**95**	**SW846 8260B**
1,1-Dichloroethane	**5.00**	**5.04**	**ug/L**	**101**	**SW846 8260B**
trans-1,2-Dichloroethene	**5.00**	**5.45**	**ug/L**	**109**	**SW846 8260B**
1,1-Dichloroethene	**5.00**	**5.08**	**ug/L**	**102**	**SW846 8260B**
1,2-Dichloropropane	**5.00**	**5.21**	**ug/L**	**104**	**SW846 8260B**
Ethylbenzene	**5.00**	**4.94**	**ug/L**	**99**	**SW846 8260B**
Methylene chloride	**5.00**	**4.46**	**ug/L**	**89**	**SW846 8260B**
Tetrachloroethene	**5.00**	**4.65**	**ug/L**	**93**	**SW846 8260B**
Toluene	**5.00**	**4.87**	**ug/L**	**97**	**SW846 8260B**
1,1,1-Trichloroethane	**5.00**	**4.71**	**ug/L**	**94**	**SW846 8260B**
Trichloroethene	**5.00**	**4.65**	**ug/L**	**93**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(79 - 120)
1,2-Dichloroethane-d4	88	(65 - 126)
4-Bromofluorobenzene	96	(75 - 120)
Toluene-d8	91	(78 - 120)

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 #...: D9C120154 Work Order #...: K8FE91CP-MS Matrix.....: WATER
MS Lot-Sample #: D9C120250-001 K8FE91CQ-MSD
Date Sampled...: 03/10/09 15:33 Date Received..: 03/12/09
Prep Date.....: 03/22/09 Analysis Date..: 03/22/09
Prep Batch #...: 9082210 Analysis Time..: 14:26
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	106	(77 - 118)			SW846 8260B
	112	(77 - 118)	5.8	(0-20)	SW846 8260B
1,3-Dichlorobenzene	99	(75 - 115)			SW846 8260B
	105	(75 - 115)	6.5	(0-20)	SW846 8260B
Bromodichloromethane	92	(78 - 118)			SW846 8260B
	96	(78 - 118)	4.6	(0-20)	SW846 8260B
Carbon tetrachloride	90	(80 - 120)			SW846 8260B
	94	(80 - 120)	4.3	(0-21)	SW846 8260B
Chlorobenzene	95	(78 - 118)			SW846 8260B
	101	(78 - 118)	5.8	(0-20)	SW846 8260B
Chloroform	96	(78 - 118)			SW846 8260B
	98	(78 - 118)	2.1	(0-20)	SW846 8260B
1,1-Dichloroethane	101	(77 - 117)			SW846 8260B
	105	(77 - 117)	3.7	(0-21)	SW846 8260B
trans-1,2-Dichloroethene	105	(80 - 120)			SW846 8260B
	109	(80 - 120)	3.7	(0-24)	SW846 8260B
1,1-Dichloroethene	100	(68 - 133)			SW846 8260B
	102	(68 - 133)	2.0	(0-20)	SW846 8260B
1,2-Dichloropropane	104	(76 - 116)			SW846 8260B
	114	(76 - 116)	8.4	(0-20)	SW846 8260B
Ethylbenzene	98	(78 - 118)			SW846 8260B
	103	(78 - 118)	4.8	(0-26)	SW846 8260B
Methylene chloride	102	(71 - 119)			SW846 8260B
	104	(71 - 119)	1.6	(0-20)	SW846 8260B
Tetrachloroethene	94	(77 - 117)			SW846 8260B
	101	(77 - 117)	6.5	(0-20)	SW846 8260B
Toluene	101	(73 - 120)			SW846 8260B
	109	(73 - 120)	7.5	(0-20)	SW846 8260B
1,1,1-Trichloroethane	93	(78 - 118)			SW846 8260B
	96	(78 - 118)	3.4	(0-20)	SW846 8260B
Trichloroethene	94	(78 - 122)			SW846 8260B
	96	(78 - 122)	2.4	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(79 - 120)
	89	(79 - 120)
1,2-Dichloroethane-d4	88	(65 - 126)
	87	(65 - 126)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D9C120154 **Work Order #...:** K8FE91CP-MS **Matrix.....:** WATER
MS Lot-Sample #: D9C120250-001 K8FE91CQ-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	99	(75 - 120)
	97	(75 - 120)
Toluene-d8	97	(78 - 120)
	99	(78 - 120)

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 #...: D9C120154 **Work Order #...:** K8FE91CP-MS **Matrix.....:** WATER
MS Lot-Sample #: D9C120250-001 K8FE91CQ-MSD
Date Sampled...: 03/10/09 15:33 **Date Received..:** 03/12/09
Prep Date.....: 03/22/09 **Analysis Date..:** 03/22/09
Prep Batch #...: 9082210 **Analysis Time..:** 14:26
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	ND	5.00	5.29	ug/L	106		SW846 8260B
	ND	5.00	5.61	ug/L	112	5.8	SW846 8260B
1,3-Dichlorobenzene	ND	5.00	4.93	ug/L	99		SW846 8260B
	ND	5.00	5.26	ug/L	105	6.5	SW846 8260B
Bromodichloromethane	ND	5.00	4.58	ug/L	92		SW846 8260B
	ND	5.00	4.80	ug/L	96	4.6	SW846 8260B
Carbon tetrachloride	ND	5.00	4.49	ug/L	90		SW846 8260B
	ND	5.00	4.69	ug/L	94	4.3	SW846 8260B
Chlorobenzene	ND	5.00	4.77	ug/L	95		SW846 8260B
	ND	5.00	5.06	ug/L	101	5.8	SW846 8260B
Chloroform	ND	5.00	4.82	ug/L	96		SW846 8260B
	ND	5.00	4.92	ug/L	98	2.1	SW846 8260B
1,1-Dichloroethane	ND	5.00	5.06	ug/L	101		SW846 8260B
	ND	5.00	5.25	ug/L	105	3.7	SW846 8260B
trans-1,2-Dichloroethene	ND	5.00	5.26	ug/L	105		SW846 8260B
	ND	5.00	5.46	ug/L	109	3.7	SW846 8260B
1,1-Dichloroethene	ND	5.00	5.02	ug/L	100		SW846 8260B
	ND	5.00	5.12	ug/L	102	2.0	SW846 8260B
1,2-Dichloropropane	ND	5.00	5.22	ug/L	104		SW846 8260B
	ND	5.00	5.68	ug/L	114	8.4	SW846 8260B
Ethylbenzene	ND	5.00	4.91	ug/L	98		SW846 8260B
	ND	5.00	5.16	ug/L	103	4.8	SW846 8260B
Methylene chloride	ND	5.00	5.12	ug/L	102		SW846 8260B
	ND	5.00	5.20	ug/L	104	1.6	SW846 8260B
Tetrachloroethene	ND	5.00	4.72	ug/L	94		SW846 8260B
	ND	5.00	5.04	ug/L	101	6.5	SW846 8260B
Toluene	ND	5.00	5.06	ug/L	101		SW846 8260B
	ND	5.00	5.45	ug/L	109	7.5	SW846 8260B
1,1,1-Trichloroethane	ND	5.00	4.65	ug/L	93		SW846 8260B
	ND	5.00	4.81	ug/L	96	3.4	SW846 8260B
Trichloroethene	ND	5.00	4.70	ug/L	94		SW846 8260B
	ND	5.00	4.81	ug/L	96	2.4	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(79 - 120)
	89	(79 - 120)
1,2-Dichloroethane-d4	88	(65 - 126)
	87	(65 - 126)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D9C120154 **Work Order #...:** K8FE91CP-MS **Matrix.....:** WATER
MS Lot-Sample #: D9C120250-001 K8FE91CQ-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	99	(75 - 120)
	97	(75 - 120)
Toluene-d8	97	(78 - 120)
	99	(78 - 120)

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 #...: D9C120154 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D9C120000-488 **Prep Batch #...:** 9071488						
Mercury	**0.048 B**	**0.20**	**ug/L**	**SW846 7470A**	**03/18-03/19/09**	**K8FWX1AA**
		Dilution Factor: 1				
		Analysis Time..: 01:17				
MB Lot-Sample #: D9C130000-068 **Prep Batch #...:** 9072068						
Potassium	ND	3000	ug/L	SW846 6010B	03/16-03/17/09	K8GD21AP
		Dilution Factor: 1				
		Analysis Time..: 13:50				
Magnesium	ND	200	ug/L	SW846 6010B	03/16-03/17/09	K8GD21AL
		Dilution Factor: 1				
		Analysis Time..: 13:50				
Calcium	ND	200	ug/L	SW846 6010B	03/16-03/17/09	K8GD21AG
		Dilution Factor: 1				
		Analysis Time..: 13:50				
Manganese	ND	10	ug/L	SW846 6010B	03/16-03/17/09	K8GD21AM
		Dilution Factor: 1				
		Analysis Time..: 13:50				
Iron	ND	100	ug/L	SW846 6010B	03/16-03/17/09	K8GD21AK
		Dilution Factor: 1				
		Analysis Time..: 13:50				
Sodium	ND	5000	ug/L	SW846 6010B	03/16-03/17/09	K8GD21AQ
		Dilution Factor: 1				
		Analysis Time..: 13:50				
Barium	ND	100	ug/L	SW846 6010B	03/16-03/17/09	K8GD21AD
		Dilution Factor: 1				
		Analysis Time..: 13:50				
Chromium	ND	10	ug/L	SW846 6010B	03/16-03/17/09	K8GD21AH
		Dilution Factor: 1				
		Analysis Time..: 13:50				
Copper	ND	15	ug/L	SW846 6010B	03/16-03/17/09	K8GD21AJ
		Dilution Factor: 1				
		Analysis Time..: 13:50				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D9C120154 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	50	ug/L	SW846 6010B	03/16-03/17/09	K8GD21AN
		Dilution Factor: 1				
		Analysis Time..: 13:50				
Lead	ND	10	ug/L	SW846 6010B	03/16-03/17/09	K8GD21AW
		Dilution Factor: 1				
		Analysis Time..: 13:50				
Selenium	ND	15	ug/L	SW846 6010B	03/16-03/17/09	K8GD21AX
		Dilution Factor: 1				
		Analysis Time..: 13:50				
Vanadium	ND	25	ug/L	SW846 6010B	03/16-03/17/09	K8GD21AT
		Dilution Factor: 1				
		Analysis Time..: 13:50				
Zinc	ND	20	ug/L	SW846 6010B	03/16-03/17/09	K8GD21AU
		Dilution Factor: 1				
		Analysis Time..: 13:50				
Silver	**1.1 B**	**10**	**ug/L**	**SW846 6010B**	**03/16-03/17/09**	**K8GD21A4**
		Dilution Factor: 1				
		Analysis Time..: 13:50				
Cobalt	ND	10	ug/L	SW846 6010B	03/16-03/17/09	K8GD21A2
		Dilution Factor: 1				
		Analysis Time..: 13:50				

MB Lot-Sample #: D9C130000-210 **Prep Batch #...:** 9072210

Thallium	**0.035 B**	**1.0**	**ug/L**	**SW846 6020**	**03/17-03/18/09**	**K8GV11AE**
		Dilution Factor: 1				
		Analysis Time..: 19:08				
Cadmium	ND	1.0	ug/L	SW846 6020	03/17-03/18/09	K8GV11AC
		Dilution Factor: 1				
		Analysis Time..: 19:08				
Arsenic	ND	5.0	ug/L	SW846 6020	03/17-03/18/09	K8GV11AA
		Dilution Factor: 1				
		Analysis Time..: 19:08				
Beryllium	ND	1.0	ug/L	SW846 6020	03/17-03/18/09	K8GV11AR
		Dilution Factor: 1				
		Analysis Time..: 19:08				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D9C120154 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	2.0	ug/L	SW846 6020	03/17-03/18/09	K8GV11AD

Dilution Factor: 1

Analysis Time..: 19:08

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 #...: D9C120154 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D9C120000-488 **Prep Batch #...:** 9071488					
Mercury	100	(88 - 111)	SW846 7470A	03/18-03/19/09	K8FWX1AC
		Dilution Factor: 1	Analysis Time..: 01:19		
LCS Lot-Sample#: D9C130000-068 **Prep Batch #...:** 9072068					
Potassium	102	(89 - 114)	SW846 6010B	03/16-03/17/09	K8GD21CK
		Dilution Factor: 1	Analysis Time..: 13:53		
Magnesium	96	(90 - 113)	SW846 6010B	03/16-03/17/09	K8GD21CG
		Dilution Factor: 1	Analysis Time..: 13:53		
Calcium	99	(90 - 111)	SW846 6010B	03/16-03/17/09	K8GD21CC
		Dilution Factor: 1	Analysis Time..: 13:53		
Manganese	103	(90 - 110)	SW846 6010B	03/16-03/17/09	K8GD21CH
		Dilution Factor: 1	Analysis Time..: 13:53		
Iron	96	(89 - 115)	SW846 6010B	03/16-03/17/09	K8GD21CF
		Dilution Factor: 1	Analysis Time..: 13:53		
Sodium	103	(90 - 115)	SW846 6010B	03/16-03/17/09	K8GD21CL
		Dilution Factor: 1	Analysis Time..: 13:53		
Barium	96	(90 - 112)	SW846 6010B	03/16-03/17/09	K8GD21A8
		Dilution Factor: 1	Analysis Time..: 13:53		
Chromium	101	(90 - 113)	SW846 6010B	03/16-03/17/09	K8GD21CD
		Dilution Factor: 1	Analysis Time..: 13:53		
Copper	93	(86 - 112)	SW846 6010B	03/16-03/17/09	K8GD21CE
		Dilution Factor: 1	Analysis Time..: 13:53		
Nickel	97	(89 - 111)	SW846 6010B	03/16-03/17/09	K8GD21CJ
		Dilution Factor: 1	Analysis Time..: 13:53		
Lead	91	(89 - 110)	SW846 6010B	03/16-03/17/09	K8GD21CR
		Dilution Factor: 1	Analysis Time..: 13:53		
Selenium	98	(85 - 112)	SW846 6010B	03/16-03/17/09	K8GD21CT
		Dilution Factor: 1	Analysis Time..: 13:53		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D9C120154 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	102	(90 - 111)	SW846 6010B	03/16-03/17/09	K8GD21CN
		Dilution Factor: 1	Analysis Time..: 13:53		
Zinc	100	(85 - 111)	SW846 6010B	03/16-03/17/09	K8GD21CP
		Dilution Factor: 1	Analysis Time..: 13:53		
Silver	109	(86 - 115)	SW846 6010B	03/16-03/17/09	K8GD21C0
		Dilution Factor: 1	Analysis Time..: 13:53		
Cobalt	97	(89 - 111)	SW846 6010B	03/16-03/17/09	K8GD21CW
		Dilution Factor: 1	Analysis Time..: 13:53		
LCS Lot-Sample#: D9C130000-210 **Prep Batch #...:** 9072210					
Thallium	105	(85 - 118)	SW846 6020	03/17-03/18/09	K8GV11AM
		Dilution Factor: 1	Analysis Time..: 19:13		
Cadmium	95	(85 - 115)	SW846 6020	03/17-03/18/09	K8GV11AK
		Dilution Factor: 1	Analysis Time..: 19:13		
Arsenic	97	(85 - 117)	SW846 6020	03/17-03/18/09	K8GV11AJ
		Dilution Factor: 1	Analysis Time..: 19:13		
Beryllium	96	(80 - 125)	SW846 6020	03/17-03/18/09	K8GV11AT
		Dilution Factor: 1	Analysis Time..: 19:13		
Antimony	97	(85 - 115)	SW846 6020	03/17-03/18/09	K8GV11AL
		Dilution Factor: 1	Analysis Time..: 19:13		

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C120154 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D9C120000-488 **Prep Batch #...:** 9071488							
Mercury	5.00	5.01	ug/L	100	SW846 7470A	03/18-03/19/09	K8FWX1AC
			Dilution Factor: 1		Analysis Time..: 01:19		
LCS Lot-Sample#: D9C130000-068 **Prep Batch #...:** 9072068							
Potassium	50000	51200	ug/L	102	SW846 6010B	03/16-03/17/09	K8GD21CK
			Dilution Factor: 1		Analysis Time..: 13:53		
Magnesium	50000	47900	ug/L	96	SW846 6010B	03/16-03/17/09	K8GD21CG
			Dilution Factor: 1		Analysis Time..: 13:53		
Calcium	50000	49600	ug/L	99	SW846 6010B	03/16-03/17/09	K8GD21CC
			Dilution Factor: 1		Analysis Time..: 13:53		
Manganese	500	513	ug/L	103	SW846 6010B	03/16-03/17/09	K8GD21CH
			Dilution Factor: 1		Analysis Time..: 13:53		
Iron	1000	962	ug/L	96	SW846 6010B	03/16-03/17/09	K8GD21CF
			Dilution Factor: 1		Analysis Time..: 13:53		
Sodium	50000	51700	ug/L	103	SW846 6010B	03/16-03/17/09	K8GD21CL
			Dilution Factor: 1		Analysis Time..: 13:53		
Barium	2000	1920	ug/L	96	SW846 6010B	03/16-03/17/09	K8GD21A8
			Dilution Factor: 1		Analysis Time..: 13:53		
Chromium	200	201	ug/L	101	SW846 6010B	03/16-03/17/09	K8GD21CD
			Dilution Factor: 1		Analysis Time..: 13:53		
Copper	250	232	ug/L	93	SW846 6010B	03/16-03/17/09	K8GD21CE
			Dilution Factor: 1		Analysis Time..: 13:53		
Nickel	500	486	ug/L	97	SW846 6010B	03/16-03/17/09	K8GD21CJ
			Dilution Factor: 1		Analysis Time..: 13:53		
Lead	500	456	ug/L	91	SW846 6010B	03/16-03/17/09	K8GD21CR
			Dilution Factor: 1		Analysis Time..: 13:53		
Selenium	2000	1960	ug/L	98	SW846 6010B	03/16-03/17/09	K8GD21CT
			Dilution Factor: 1		Analysis Time..: 13:53		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C120154 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	500	512	ug/L	102	SW846 6010B	03/16-03/17/09	K8GD21CN
			Dilution Factor: 1		Analysis Time..: 13:53		
Zinc	500	498	ug/L	100	SW846 6010B	03/16-03/17/09	K8GD21CP
			Dilution Factor: 1		Analysis Time..: 13:53		
Silver	50.0	54.7	ug/L	109	SW846 6010B	03/16-03/17/09	K8GD21C0
			Dilution Factor: 1		Analysis Time..: 13:53		
Cobalt	500	483	ug/L	97	SW846 6010B	03/16-03/17/09	K8GD21CW
			Dilution Factor: 1		Analysis Time..: 13:53		
LCS Lot-Sample#: D9C130000-210 **Prep Batch #...:** 9072210							
Thallium	40.0	42.0	ug/L	105	SW846 6020	03/17-03/18/09	K8GV11AM
			Dilution Factor: 1		Analysis Time..: 19:13		
Cadmium	40.0	37.9	ug/L	95	SW846 6020	03/17-03/18/09	K8GV11AK
			Dilution Factor: 1		Analysis Time..: 19:13		
Arsenic	40.0	38.9	ug/L	97	SW846 6020	03/17-03/18/09	K8GV11AJ
			Dilution Factor: 1		Analysis Time..: 19:13		
Beryllium	40.0	38.4	ug/L	96	SW846 6020	03/17-03/18/09	K8GV11AT
			Dilution Factor: 1		Analysis Time..: 19:13		
Antimony	40.0	38.6	ug/L	97	SW846 6020	03/17-03/18/09	K8GV11AL
			Dilution Factor: 1		Analysis Time..: 19:13		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D9C120154 **Matrix.....:** WATER
Date Sampled...: 03/10/09 08:25 **Date Received..:** 03/11/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C110301-001 **Prep Batch #...:** 9071488							
Mercury	101	(88 - 111)			SW846 7470A	03/18-03/19/09	K8DQC1A5
	98	(88 - 111)	3.1	(0-10)	SW846 7470A	03/18-03/19/09	K8DQC1A6

Dilution Factor: 1
Analysis Time..: 02:05

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C120154 **Matrix.....:** WATER
Date Sampled...: 03/10/09 08:25 **Date Received..:** 03/11/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C110301-001 **Prep Batch #...:** 9071488									
Mercury									
	0.049	5.00	5.11	ug/L	101		SW846 7470A	03/18-03/19/09	K8DQC1A5
	0.049	5.00	4.96	ug/L	98	3.1	SW846 7470A	03/18-03/19/09	K8DQC1A6

Dilution Factor: 1
Analysis Time..: 02:05

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D9C120154 **Matrix.....:** WL
Date Sampled...: 03/11/09 08:35 **Date Received..:** 03/12/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C120154-001 **Prep Batch #...:** 9071488							
Mercury	81 N	(88 - 111)			SW846 7470A	03/18-03/19/09	K8EHW1CH
	79 N	(88 - 111)	3.0	(0-10)	SW846 7470A	03/18-03/19/09	K8EHW1CJ

Dilution Factor: 1
Analysis Time..: 01:33

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 #...: D9C120154 **Matrix.....:** WL
Date Sampled...: 03/11/09 08:35 **Date Received..:** 03/12/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C120154-001 **Prep Batch #...:** 9071488									
Mercury									
	0.054	5.00	4.10 N	ug/L	81		SW846 7470A	03/18-03/19/09	K8EHW1CH
	0.054	5.00	3.98 N	ug/L	79	3.0	SW846 7470A	03/18-03/19/09	K8EHW1CJ

Dilution Factor: 1
Analysis Time..: 01:33

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 #...: D9C120154 **Matrix.....:** WATER
Date Sampled...: 03/09/09 12:00 **Date Received..:** 03/10/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C110120-001 **Prep Batch #...:** 9072068							
Potassium	107	(76 - 132)			SW846 6010B	03/16-03/17/09	K8CHC1DK
	111	(76 - 132)	2.1	(0-25)	SW846 6010B	03/16-03/17/09	K8CHC1DL
		Dilution Factor: 1					
		Analysis Time..: 14:07					
Magnesium	70 MSB	(62 - 146)			SW846 6010B	03/16-03/17/09	K8CHC1DD
	152 N,MSB	(62 - 146)	4.1	(0-25)	SW846 6010B	03/16-03/17/09	K8CHC1DE
		Dilution Factor: 1					
		Analysis Time..: 14:07					
Calcium	95 MSB	(48 - 153)			SW846 6010B	03/16-03/17/09	K8CHC1C4
	114 MSB	(48 - 153)	2.9	(0-25)	SW846 6010B	03/16-03/17/09	K8CHC1C5
		Dilution Factor: 1					
		Analysis Time..: 14:07					
Manganese	99	(79 - 121)			SW846 6010B	03/16-03/17/09	K8CHC1DF
	101	(79 - 121)	1.2	(0-25)	SW846 6010B	03/16-03/17/09	K8CHC1DG
		Dilution Factor: 1					
		Analysis Time..: 14:07					
Iron	91	(52 - 155)			SW846 6010B	03/16-03/17/09	K8CHC1DA
	92	(52 - 155)	0.63	(0-25)	SW846 6010B	03/16-03/17/09	K8CHC1DC
		Dilution Factor: 1					
		Analysis Time..: 14:07					
Sodium	148 MSB	(70 - 203)			SW846 6010B	03/16-03/17/09	K8CHC1DM
	323 N,MSB	(70 - 203)	3.2	(0-40)	SW846 6010B	03/16-03/17/09	K8CHC1DN
		Dilution Factor: 1					
		Analysis Time..: 14:07					
Barium	95	(85 - 120)			SW846 6010B	03/16-03/17/09	K8CHC1CW
	95	(85 - 120)	0.21	(0-25)	SW846 6010B	03/16-03/17/09	K8CHC1CX
		Dilution Factor: 1					
		Analysis Time..: 14:07					
Chromium	96	(73 - 135)			SW846 6010B	03/16-03/17/09	K8CHC1C6
	96	(73 - 135)	0.05	(0-25)	SW846 6010B	03/16-03/17/09	K8CHC1C7
		Dilution Factor: 1					
		Analysis Time..: 14:07					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D9C120154 **Matrix.....:** WATER
Date Sampled...: 03/09/09 12:00 **Date Received..:** 03/10/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	96	(82 - 129)			SW846 6010B	03/16-03/17/09	K8CHC1C8
	97	(82 - 129)	0.87	(0-25)	SW846 6010B	03/16-03/17/09	K8CHC1C9
		Dilution Factor: 1					
		Analysis Time..: 14:07					
Nickel	87	(84 - 120)			SW846 6010B	03/16-03/17/09	K8CHC1DH
	89	(84 - 120)	1.3	(0-25)	SW846 6010B	03/16-03/17/09	K8CHC1DJ
		Dilution Factor: 1					
		Analysis Time..: 14:07					
Lead	79 N	(89 - 121)			SW846 6010B	03/16-03/17/09	K8CHC1D0
	79 N	(89 - 121)	0.63	(0-25)	SW846 6010B	03/16-03/17/09	K8CHC1D1
		Dilution Factor: 1					
		Analysis Time..: 14:07					
Selenium	113	(71 - 140)			SW846 6010B	03/16-03/17/09	K8CHC1D2
	114	(71 - 140)	0.24	(0-25)	SW846 6010B	03/16-03/17/09	K8CHC1D3
		Dilution Factor: 1					
		Analysis Time..: 14:07					
Vanadium	103	(85 - 120)			SW846 6010B	03/16-03/17/09	K8CHC1DR
	104	(85 - 120)	0.46	(0-25)	SW846 6010B	03/16-03/17/09	K8CHC1DT
		Dilution Factor: 1					
		Analysis Time..: 14:07					
Zinc	94	(60 - 137)			SW846 6010B	03/16-03/17/09	K8CHC1DU
	96	(60 - 137)	1.8	(0-25)	SW846 6010B	03/16-03/17/09	K8CHC1DV
		Dilution Factor: 1					
		Analysis Time..: 14:07					
Silver	122	(75 - 141)			SW846 6010B	03/16-03/17/09	K8CHC1ED
	124	(75 - 141)	1.6	(0-25)	SW846 6010B	03/16-03/17/09	K8CHC1EE
		Dilution Factor: 1					
		Analysis Time..: 14:07					
Cobalt	89	(82 - 119)			SW846 6010B	03/16-03/17/09	K8CHC1D8
	89	(82 - 119)	0.21	(0-25)	SW846 6010B	03/16-03/17/09	K8CHC1D9
		Dilution Factor: 1					
		Analysis Time..: 14:07					

NOTE(S):

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

MSB The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C120154 **Matrix.....:** WATER
Date Sampled...: 03/09/09 12:00 **Date Received..:** 03/10/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C110120-001 **Prep Batch #...:** 9072068									
Potassium									
	39000	50000	92200	ug/L	107		SW846 6010B	03/16-03/17/09	K8CHC1DK
	39000	50000	94100	ug/L	111	2.1	SW846 6010B	03/16-03/17/09	K8CHC1DL
			Dilution Factor: 1						
			Analysis Time..: 14:07						
Magnesium									
	940000	50000	970000	ug/L	70		SW846 6010B	03/16-03/17/09	K8CHC1DD
			Qualifiers: MSB						
	940000	50000	1010000	ug/L	152	4.1	SW846 6010B	03/16-03/17/09	K8CHC1DE
			Qualifiers: N,MSB						
			Dilution Factor: 1						
			Analysis Time..: 14:07						
Calcium									
	280000	50000	325000	ug/L	95		SW846 6010B	03/16-03/17/09	K8CHC1C4
			Qualifiers: MSB						
	280000	50000	334000	ug/L	114	2.9	SW846 6010B	03/16-03/17/09	K8CHC1C5
			Qualifiers: MSB						
			Dilution Factor: 1						
			Analysis Time..: 14:07						
Manganese									
	52	500	549	ug/L	99		SW846 6010B	03/16-03/17/09	K8CHC1DF
	52	500	555	ug/L	101	1.2	SW846 6010B	03/16-03/17/09	K8CHC1DG
			Dilution Factor: 1						
			Analysis Time..: 14:07						
Iron									
	ND	1000	931	ug/L	91		SW846 6010B	03/16-03/17/09	K8CHC1DA
	ND	1000	937	ug/L	92	0.63	SW846 6010B	03/16-03/17/09	K8CHC1DC
			Dilution Factor: 1						
			Analysis Time..: 14:07						
Sodium									
	2600000	50000	2650000	ug/L	148		SW846 6010B	03/16-03/17/09	K8CHC1DM
			Qualifiers: MSB						
	2600000	50000	2740000	ug/L	323	3.2	SW846 6010B	03/16-03/17/09	K8CHC1DN
			Qualifiers: N,MSB						
			Dilution Factor: 1						
			Analysis Time..: 14:07						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C120154 **Matrix.....:** WATER
Date Sampled...: 03/09/09 12:00 **Date Received..:** 03/10/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Barium									
	21	2000	1920	ug/L	95		SW846 6010B	03/16-03/17/09	K8CHC1CW
	21	2000	1920	ug/L	95	0.21	SW846 6010B	03/16-03/17/09	K8CHC1CX
			Dilution Factor: 1						
			Analysis Time..: 14:07						
Chromium									
	2.2	200	195	ug/L	96		SW846 6010B	03/16-03/17/09	K8CHC1C6
	2.2	200	195	ug/L	96	0.05	SW846 6010B	03/16-03/17/09	K8CHC1C7
			Dilution Factor: 1						
			Analysis Time..: 14:07						
Copper									
	32	250	271	ug/L	96		SW846 6010B	03/16-03/17/09	K8CHC1C8
	32	250	273	ug/L	97	0.87	SW846 6010B	03/16-03/17/09	K8CHC1C9
			Dilution Factor: 1						
			Analysis Time..: 14:07						
Nickel									
	470	500	909	ug/L	87		SW846 6010B	03/16-03/17/09	K8CHC1DH
	470	500	921	ug/L	89	1.3	SW846 6010B	03/16-03/17/09	K8CHC1DJ
			Dilution Factor: 1						
			Analysis Time..: 14:07						
Lead									
	ND	500	396 N	ug/L	79		SW846 6010B	03/16-03/17/09	K8CHC1D0
	ND	500	393 N	ug/L	79	0.63	SW846 6010B	03/16-03/17/09	K8CHC1D1
			Dilution Factor: 1						
			Analysis Time..: 14:07						
Selenium									
	11	2000	2280	ug/L	113		SW846 6010B	03/16-03/17/09	K8CHC1D2
	11	2000	2280	ug/L	114	0.24	SW846 6010B	03/16-03/17/09	K8CHC1D3
			Dilution Factor: 1						
			Analysis Time..: 14:07						
Vanadium									
	4.3	500	520	ug/L	103		SW846 6010B	03/16-03/17/09	K8CHC1DR
	4.3	500	522	ug/L	104	0.46	SW846 6010B	03/16-03/17/09	K8CHC1DT
			Dilution Factor: 1						
			Analysis Time..: 14:07						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C120154 **Matrix.....:** WATER
Date Sampled...: 03/09/09 12:00 **Date Received..:** 03/10/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	200	500	666	ug/L	94		SW846 6010B	03/16-03/17/09	K8CHC1DU
	200	500	678	ug/L	96	1.8	SW846 6010B	03/16-03/17/09	K8CHC1DV
			Dilution Factor: 1						
			Analysis Time..: 14:07						
Silver									
	ND	50.0	61.4	ug/L	122		SW846 6010B	03/16-03/17/09	K8CHC1ED
	ND	50.0	62.3	ug/L	124	1.6	SW846 6010B	03/16-03/17/09	K8CHC1EE
			Dilution Factor: 1						
			Analysis Time..: 14:07						
Cobalt									
	1.4	500	446	ug/L	89		SW846 6010B	03/16-03/17/09	K8CHC1D8
	1.4	500	445	ug/L	89	0.21	SW846 6010B	03/16-03/17/09	K8CHC1D9
			Dilution Factor: 1						
			Analysis Time..: 14:07						

NOTE(S):

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

MSB The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D9C120154 **Matrix.....:** WATER
Date Sampled...: 03/10/09 16:17 **Date Received..:** 03/12/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C120250-002 **Prep Batch #...:** 9072210							
Thallium	102	(85 - 118)			SW846 6020	03/17-03/18/09	K8FFK1A3
	102	(85 - 118)	0.04	(0-20)	SW846 6020	03/17-03/18/09	K8FFK1A4
		Dilution Factor: 1					
		Analysis Time..: 19:40					
Cadmium	96	(85 - 115)			SW846 6020	03/17-03/18/09	K8FFK1AX
	96	(85 - 115)	0.70	(0-20)	SW846 6020	03/17-03/18/09	K8FFK1A0
		Dilution Factor: 1					
		Analysis Time..: 19:40					
Arsenic	98	(85 - 117)			SW846 6020	03/17-03/18/09	K8FFK1AV
	98	(85 - 117)	0.17	(0-20)	SW846 6020	03/17-03/18/09	K8FFK1AW
		Dilution Factor: 1					
		Analysis Time..: 19:40					
Beryllium	94	(80 - 125)			SW846 6020	03/17-03/18/09	K8FFK1CD
	96	(80 - 125)	1.4	(0-20)	SW846 6020	03/17-03/18/09	K8FFK1CE
		Dilution Factor: 1					
		Analysis Time..: 19:40					
Antimony	99	(85 - 115)			SW846 6020	03/17-03/18/09	K8FFK1A1
	98	(85 - 115)	0.53	(0-20)	SW846 6020	03/17-03/18/09	K8FFK1A2
		Dilution Factor: 1					
		Analysis Time..: 19:40					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C120154 **Matrix.....:** WATER
Date Sampled...: 03/10/09 16:17 **Date Received..:** 03/12/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C120250-002 **Prep Batch #...:** 9072210									
Thallium									
	ND	40.0	40.9	ug/L	102		SW846 6020	03/17-03/18/09	K8FFK1A3
	ND	40.0	40.8	ug/L	102	0.04	SW846 6020	03/17-03/18/09	K8FFK1A4
			Dilution Factor: 1						
			Analysis Time..: 19:40						
Cadmium									
	ND	40.0	38.5	ug/L	96		SW846 6020	03/17-03/18/09	K8FFK1AX
	ND	40.0	38.2	ug/L	96	0.70	SW846 6020	03/17-03/18/09	K8FFK1A0
			Dilution Factor: 1						
			Analysis Time..: 19:40						
Arsenic									
	ND	40.0	39.2	ug/L	98		SW846 6020	03/17-03/18/09	K8FFK1AV
	ND	40.0	39.1	ug/L	98	0.17	SW846 6020	03/17-03/18/09	K8FFK1AW
			Dilution Factor: 1						
			Analysis Time..: 19:40						
Beryllium									
	0.35	40.0	38.1	ug/L	94		SW846 6020	03/17-03/18/09	K8FFK1CD
	0.35	40.0	38.6	ug/L	96	1.4	SW846 6020	03/17-03/18/09	K8FFK1CE
			Dilution Factor: 1						
			Analysis Time..: 19:40						
Antimony									
	ND	40.0	39.6	ug/L	99		SW846 6020	03/17-03/18/09	K8FFK1A1
	ND	40.0	39.4	ug/L	98	0.53	SW846 6020	03/17-03/18/09	K8FFK1A2
			Dilution Factor: 1						
			Analysis Time..: 19:40						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D9C120154 **Matrix.....:** WATER
Date Sampled...: 03/10/09 16:22 **Date Received..:** 03/12/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C120250-013 **Prep Batch #...:** 9072210							
Thallium	106	(85 - 118)			SW846 6020	03/17-03/18/09	K8FGD1A3
	103	(85 - 118)	2.0	(0-20)	SW846 6020	03/17-03/18/09	K8FGD1A4
		Dilution Factor: 1					
		Analysis Time..: 21:06					
Cadmium	98	(85 - 115)			SW846 6020	03/17-03/18/09	K8FGD1AX
	97	(85 - 115)	0.35	(0-20)	SW846 6020	03/17-03/18/09	K8FGD1A0
		Dilution Factor: 1					
		Analysis Time..: 21:06					
Arsenic	97	(85 - 117)			SW846 6020	03/17-03/18/09	K8FGD1AV
	97	(85 - 117)	0.10	(0-20)	SW846 6020	03/17-03/18/09	K8FGD1AW
		Dilution Factor: 1					
		Analysis Time..: 21:06					
Antimony	96	(85 - 115)			SW846 6020	03/17-03/18/09	K8FGD1A1
	96	(85 - 115)	0.62	(0-20)	SW846 6020	03/17-03/18/09	K8FGD1A2
		Dilution Factor: 1					
		Analysis Time..: 21:06					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C120154 **Matrix.....:** WATER
Date Sampled...: 03/10/09 16:22 **Date Received..:** 03/12/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C120250-013 **Prep Batch #...:** 9072210									
Thallium									
	ND	40.0	42.3	ug/L	106		SW846 6020	03/17-03/18/09	K8FGD1A3
	ND	40.0	41.4	ug/L	103	2.0	SW846 6020	03/17-03/18/09	K8FGD1A4
			Dilution Factor: 1						
			Analysis Time..: 21:06						
Cadmium									
	ND	40.0	39.0	ug/L	98		SW846 6020	03/17-03/18/09	K8FGD1AX
	ND	40.0	38.9	ug/L	97	0.35	SW846 6020	03/17-03/18/09	K8FGD1A0
			Dilution Factor: 1						
			Analysis Time..: 21:06						
Arsenic									
	ND	40.0	38.8	ug/L	97		SW846 6020	03/17-03/18/09	K8FGD1AV
	ND	40.0	38.8	ug/L	97	0.10	SW846 6020	03/17-03/18/09	K8FGD1AW
			Dilution Factor: 1						
			Analysis Time..: 21:06						
Antimony									
	ND	40.0	38.5	ug/L	96		SW846 6020	03/17-03/18/09	K8FGD1A1
	ND	40.0	38.2	ug/L	96	0.62	SW846 6020	03/17-03/18/09	K8FGD1A2
			Dilution Factor: 1						
			Analysis Time..: 21:06						

NOTE(S):

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

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D9C120154 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		Work Order #: K8JJT1AA		MB Lot-Sample #:	D9C130000-421	
	ND	0.040	mg/L	MCAWW 350.1	03/13/09	9072421
		Dilution Factor: 1				
		Analysis Time..: 11:11				
Bicarbonate Alkalinity		Work Order #: K8W7Q1AA		MB Lot-Sample #:	D9C200000-138	
	ND	5.0	mg/L	SM18 2320 B	03/19/09	9079138
		Dilution Factor: 1				
		Analysis Time..: 11:00				
Biochemical Oxygen Demand (BOD)		Work Order #: K8N1Q1AA		MB Lot-Sample #:	D9C120000-429	
	ND	2.0	mg/L	SM18 5210 B	03/12/09	9071429
		Dilution Factor: 1				
		Analysis Time..: 10:00				
Carbonate Alkalinity		Work Order #: K8W721AA		MB Lot-Sample #:	D9C200000-141	
	ND	5.0	mg/L	SM18 2320 B	03/19/09	9079141
		Dilution Factor: 1				
		Analysis Time..: 11:00				
Chemical Oxygen Demand (COD)		Work Order #: K8LMV1AA		MB Lot-Sample #:	D9C160000-394	
	ND	50	mg/L	MCAWW 410.4	03/16/09	9075394
		Dilution Factor: 1				
		Analysis Time..: 16:00				
Chloride		Work Order #: K8TMQ1AA		MB Lot-Sample #:	D9C190000-254	
	ND	0.30	mg/L	MCAWW 300.0A	03/18/09	9078254
		Dilution Factor: 1				
		Analysis Time..: 15:23				
Nitrate		Work Order #: K8JK21AA		MB Lot-Sample #:	D9C130000-426	
	ND	0.50	mg/L	MCAWW 353.2	03/12/09	9072426
		Dilution Factor: 1				
		Analysis Time..: 14:00				
Sulfate		Work Order #: K8KK61AA		MB Lot-Sample #:	D9C130000-331	
	ND	5.0	mg/L	ASTM D516-02	03/13/09	9072331
		Dilution Factor: 1				
		Analysis Time..: 11:00				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: D9C120154 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total phosphorus		Work Order #: K80KG1AA		MB Lot-Sample #:	D9C220000-047	
	ND	0.050	mg/L	MCAWW 365.3	03/19-03/20/09	9081047
		Dilution Factor: 1				
		Analysis Time..: 12:00				
Total Alkalinity		Work Order #: K8W7F1AA		MB Lot-Sample #:	D9C200000-135	
	ND	5.0	mg/L	SM18 2320 B	03/19/09	9079135
		Dilution Factor: 1				
		Analysis Time..: 11:00				
Total Dissolved Solids		Work Order #: K8LXL1AA		MB Lot-Sample #:	D9C170000-079	
	ND	10	mg/L	SM18 2540 C	03/17/09	9076079
		Dilution Factor: 1				
		Analysis Time..: 12:00				
Total Organic Carbon		Work Order #: K8QC41AA		MB Lot-Sample #:	D9C180000-340	
	ND	1.0	mg/L	SM18 5310B	03/17/09	9077340
		Dilution Factor: 1				
		Analysis Time..: 14:17				
Total Suspended Solids		Work Order #: K8E7V1AA		MB Lot-Sample #:	D9C120000-361	
	ND	4.0	mg/L	SM18 2540 D	03/12/09	9071361
		Dilution Factor: 1				
		Analysis Time..: 15:30				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D9C120154 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		WO#:K8JJT1AC-LCS/K8JJT1AD-LCSD				LCS Lot-Sample#: D9C130000-421	
	100	(90 - 110)			MCAWW 350.1	03/13/09	9072421
	101	(90 - 110)	0.48	(0-10)	MCAWW 350.1	03/13/09	9072421
		Dilution Factor: 1			Analysis Time..: 11:11		
Biochemical Oxygen Demand (BOD)		WO#:K8N1Q1AC-LCS/K8N1Q1AD-LCSD				LCS Lot-Sample#: D9C120000-429	
	99	(85 - 115)			SM18 5210 B	03/12/09	9071429
	101	(85 - 115)	1.5	(0-20)	SM18 5210 B	03/12/09	9071429
		Dilution Factor: 1			Analysis Time..: 10:00		
Chemical Oxygen Demand (COD)		WO#:K8LMV1AC-LCS/K8LMV1AD-LCSD				LCS Lot-Sample#: D9C160000-394	
	100	(80 - 115)			MCAWW 410.4	03/16/09	9075394
	101	(80 - 115)	0.63	(0-11)	MCAWW 410.4	03/16/09	9075394
		Dilution Factor: 1			Analysis Time..: 16:00		
Chloride		WO#:K8TMQ1AC-LCS/K8TMQ1AD-LCSD				LCS Lot-Sample#: D9C190000-254	
	104	(90 - 110)			MCAWW 300.0A	03/18/09	9078254
	103	(90 - 110)	0.53	(0-10)	MCAWW 300.0A	03/18/09	9078254
		Dilution Factor: 1			Analysis Time..: 14:49		
Nitrate		WO#:K8JK21AC-LCS/K8JK21AD-LCSD				LCS Lot-Sample#: D9C130000-426	
	93	(90 - 110)			MCAWW 353.2	03/12/09	9072426
	91	(90 - 110)	2.0	(0-10)	MCAWW 353.2	03/12/09	9072426
		Dilution Factor: 1			Analysis Time..: 14:00		
Sulfate		WO#:K8KK61AC-LCS/K8KK61AD-LCSD				LCS Lot-Sample#: D9C130000-331	
	98	(91 - 112)			ASTM D516-02	03/13/09	9072331
	99	(91 - 112)	0.92	(0-15)	ASTM D516-02	03/13/09	9072331
		Dilution Factor: 1			Analysis Time..: 11:00		
Total phosphorus		WO#:K80KG1AC-LCS/K80KG1AD-LCSD				LCS Lot-Sample#: D9C220000-047	
	103	(90 - 110)			MCAWW 365.3	03/19-03/20/09	9081047
	106	(90 - 110)	2.5	(0-20)	MCAWW 365.3	03/19-03/20/09	9081047
		Dilution Factor: 1			Analysis Time..: 12:00		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D9C120154 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:K8W7F1AC-LCS/K8W7F1AD-LCSD				LCS Lot-Sample#: D9C200000-135	
	99	(90 - 110)			SM18 2320 B	03/19/09	9079135
	97	(90 - 110)	1.8	(0-10)	SM18 2320 B	03/19/09	9079135
		Dilution Factor: 1			Analysis Time..: 11:00		
Total Dissolved Solids		WO#:K8LXL1AC-LCS/K8LXL1AD-LCSD				LCS Lot-Sample#: D9C170000-079	
	96	(86 - 106)			SM18 2540 C	03/17/09	9076079
	94	(86 - 106)	2.1	(0-20)	SM18 2540 C	03/17/09	9076079
		Dilution Factor: 1			Analysis Time..: 12:00		
Total Organic Carbon		WO#:K8QC41AC-LCS/K8QC41AD-LCSD				LCS Lot-Sample#: D9C180000-340	
	100	(86 - 114)			SM18 5310B	03/17/09	9077340
	100	(86 - 114)	0.24	(0-12)	SM18 5310B	03/17/09	9077340
		Dilution Factor: 1			Analysis Time..: 13:45		
Total Suspended Solids		WO#:K8E7V1AC-LCS/K8E7V1AD-LCSD				LCS Lot-Sample#: D9C120000-361	
	90	(86 - 114)			SM18 2540 D	03/12/09	9071361
	93	(86 - 114)	3.3	(0-20)	SM18 2540 D	03/12/09	9071361
		Dilution Factor: 1			Analysis Time..: 15:30		

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D9C120154 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		WO#:K8JJT1AC-LCS/K8JJT1AD-LCSD				LCS Lot-Sample#: D9C130000-421		
	5.00	5.02	mg/L	100		MCAWW 350.1	03/13/09	9072421
	5.00	5.05	mg/L	101	0.48	MCAWW 350.1	03/13/09	9072421
		Dilution Factor: 1				Analysis Time..: 11:11		
Biochemical Oxygen Demand (BOD)		WO#:K8N1Q1AC-LCS/K8N1Q1AD-LCSD				LCS Lot-Sample#: D9C120000-429		
	198	197	mg/L	99		SM18 5210 B	03/12/09	9071429
	198	200	mg/L	101	1.5	SM18 5210 B	03/12/09	9071429
		Dilution Factor: 1				Analysis Time..: 10:00		
Chemical Oxygen Demand (COD)		WO#:K8LMV1AC-LCS/K8LMV1AD-LCSD				LCS Lot-Sample#: D9C160000-394		
	100	100	mg/L	100		MCAWW 410.4	03/16/09	9075394
	100	101	mg/L	101	0.63	MCAWW 410.4	03/16/09	9075394
		Dilution Factor: 1				Analysis Time..: 16:00		
Chloride		WO#:K8TMQ1AC-LCS/K8TMQ1AD-LCSD				LCS Lot-Sample#: D9C190000-254		
	25.0	26.0	mg/L	104		MCAWW 300.0A	03/18/09	9078254
	25.0	25.8	mg/L	103	0.53	MCAWW 300.0A	03/18/09	9078254
		Dilution Factor: 1				Analysis Time..: 14:49		
Nitrate		WO#:K8JK21AC-LCS/K8JK21AD-LCSD				LCS Lot-Sample#: D9C130000-426		
	0.0500	0.0463	mg/L	93		MCAWW 353.2	03/12/09	9072426
	0.0500	0.0454	mg/L	91	2.0	MCAWW 353.2	03/12/09	9072426
		Dilution Factor: 1				Analysis Time..: 14:00		
Sulfate		WO#:K8KK61AC-LCS/K8KK61AD-LCSD				LCS Lot-Sample#: D9C130000-331		
	25.0	24.5	mg/L	98		ASTM D516-02	03/13/09	9072331
	25.0	24.7	mg/L	99	0.92	ASTM D516-02	03/13/09	9072331
		Dilution Factor: 1				Analysis Time..: 11:00		
Total phosphorus		WO#:K80KG1AC-LCS/K80KG1AD-LCSD				LCS Lot-Sample#: D9C220000-047		
	0.500	0.514	mg/L	103		MCAWW 365.3	03/19-03/20/09	9081047
	0.500	0.528	mg/L	106	2.5	MCAWW 365.3	03/19-03/20/09	9081047
		Dilution Factor: 1				Analysis Time..: 12:00		

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D9C120154 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:K8W7F1AC-LCS/K8W7F1AD-LCSD				LCS Lot-Sample#: D9C200000-135		
	200	198	mg/L	99		SM18 2320 B	03/19/09	9079135
	200	195	mg/L	97	1.8	SM18 2320 B	03/19/09	9079135
		Dilution Factor: 1				Analysis Time..: 11:00		
Total Dissolved Solids		WO#:K8LXL1AC-LCS/K8LXL1AD-LCSD				LCS Lot-Sample#: D9C170000-079		
	500	482	mg/L	96		SM18 2540 C	03/17/09	9076079
	500	472	mg/L	94	2.1	SM18 2540 C	03/17/09	9076079
		Dilution Factor: 1				Analysis Time..: 12:00		
Total Organic Carbon		WO#:K8QC41AC-LCS/K8QC41AD-LCSD				LCS Lot-Sample#: D9C180000-340		
	25.0	24.9	mg/L	100		SM18 5310B	03/17/09	9077340
	25.0	25.0	mg/L	100	0.24	SM18 5310B	03/17/09	9077340
		Dilution Factor: 1				Analysis Time..: 13:45		
Total Suspended Solids		WO#:K8E7V1AC-LCS/K8E7V1AD-LCSD				LCS Lot-Sample#: D9C120000-361		
	100	90.0	mg/L	90		SM18 2540 D	03/12/09	9071361
	100	93.0	mg/L	93	3.3	SM18 2540 D	03/12/09	9071361
		Dilution Factor: 1				Analysis Time..: 15:30		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D9C120154 **Matrix.....:** WATER
Date Sampled...: 03/11/09 12:01 **Date Received..:** 03/12/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		WO#: K8EJA1CR-MS/K8EJA1CT-MSD				MS Lot-Sample #: D9C120156-001	
	110	(90 - 110)			MCAWW 350.1	03/13/09	9072421
	110	(90 - 110)	0.38	(0-10)	MCAWW 350.1	03/13/09	9072421
		Dilution Factor: 1					
		Analysis Time..: 11:11					
Chemical Oxygen Demand (COD)		WO#: K8H5F1AC-MS/K8H5F1AD-MSD				MS Lot-Sample #: D9C130296-009	
	95	(74 - 109)			MCAWW 410.4	03/16/09	9075395
	98	(74 - 109)	2.9	(0-11)	MCAWW 410.4	03/16/09	9075395
		Dilution Factor: 1					
		Analysis Time..: 16:00					
Chloride		WO#: K8FNL1DP-MS/K8FNL1DQ-MSD				MS Lot-Sample #: D9C120272-001	
	103	(92 - 123)			MCAWW 300.0A	03/18/09	9078257
	107	(92 - 123)	2.6	(0-20)	MCAWW 300.0A	03/18/09	9078257
		Dilution Factor: 1					
		Analysis Time..: 17:24					
Sulfate		WO#: K733D1A6-MS/K733D1A7-MSD				MS Lot-Sample #: D9C050189-001	
	81 I	(45 - 153)			ASTM D516-02	03/13/09	9072331
	84 I	(45 - 153)	1.8	(0-21)	ASTM D516-02	03/13/09	9072331
		Dilution Factor: 5					
		Analysis Time..: 11:00					
Sulfate		WO#: K77GP1EC-MS/K77GP1ED-MSD				MS Lot-Sample #: D9C070129-002	
	43 N	(45 - 153)			ASTM D516-02	03/13/09	9072331
	45	(45 - 153)	2.2	(0-21)	ASTM D516-02	03/13/09	9072331
		Dilution Factor: 5					
		Analysis Time..: 11:00					
Total Organic Carbon		WO#: K8EKJ1CT-MS/K8EKJ1CU-MSD				MS Lot-Sample #: D9C120160-005	
	105	(65 - 139)			SM18 5310B	03/17/09	9077340
	105	(65 - 139)	0.07	(0-41)	SM18 5310B	03/17/09	9077340
		Dilution Factor: 1					
		Analysis Time..: 19:29					

NOTE(S):

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

I Estimated result. Result concentration exceeds the calibration range.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D9C120154 **Matrix.....:** WATER
Date Sampled...: 03/11/09 12:01 **Date Received..:** 03/12/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N			WO#: K8EJA1CR-MS/K8EJA1CT-MSD				MS Lot-Sample #: D9C120156-001		
	ND	4.00	4.42	mg/L	110		MCAWW 350.1	03/13/09	9072421
	ND	4.00	4.41	mg/L	110	0.38	MCAWW 350.1	03/13/09	9072421
			Dilution Factor: 1						
			Analysis Time..: 11:11						
Chemical Oxygen Demand (COD)			WO#: K8H5F1AC-MS/K8H5F1AD-MSD				MS Lot-Sample #: D9C130296-009		
	6.0	50.0	53.4	mg/L	95		MCAWW 410.4	03/16/09	9075395
	6.0	50.0	54.9	mg/L	98	2.9	MCAWW 410.4	03/16/09	9075395
			Dilution Factor: 1						
			Analysis Time..: 16:00						
Chloride			WO#: K8FNL1DP-MS/K8FNL1DQ-MSD				MS Lot-Sample #: D9C120272-001		
	17	25.0	42.4	mg/L	103		MCAWW 300.0A	03/18/09	9078257
	17	25.0	43.5	mg/L	107	2.6	MCAWW 300.0A	03/18/09	9078257
			Dilution Factor: 1						
			Analysis Time..: 17:24						
Sulfate			WO#: K733D1A6-MS/K733D1A7-MSD				MS Lot-Sample #: D9C050189-001		
	99	125	200 I	mg/L	81		ASTM D516-02	03/13/09	9072331
	99	125	204 I	mg/L	84	1.8	ASTM D516-02	03/13/09	9072331
			Dilution Factor: 5						
			Analysis Time..: 11:00						
Sulfate			WO#: K77GP1EC-MS/K77GP1ED-MSD				MS Lot-Sample #: D9C070129-002		
	77	125	131 N	mg/L	43		ASTM D516-02	03/13/09	9072331
	77	125	134	mg/L	45	2.2	ASTM D516-02	03/13/09	9072331
			Dilution Factor: 5						
			Analysis Time..: 11:00						
Total Organic Carbon			WO#: K8EKJ1CT-MS/K8EKJ1CU-MSD				MS Lot-Sample #: D9C120160-005		
	1.5	25.0	27.7	mg/L	105		SM18 5310B	03/17/09	9077340
	1.5	25.0	27.7	mg/L	105	0.07	SM18 5310B	03/17/09	9077340
			Dilution Factor: 1						
			Analysis Time..: 19:29						

NOTE(S):

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

I Estimated result. Result concentration exceeds the calibration range.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D9C120154 **Matrix.....:** WL
Date Sampled...: 03/11/09 08:35 **Date Received..:** 03/12/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total phosphorus		WO#: K8EHW1CW-MS/K8EHW1CX-MSD				MS Lot-Sample #: D9C120154-001	
	113	(71 - 128)			MCAWW 365.3	03/19-03/20/09	9081047
	76	(71 - 128)	11	(0-22)	MCAWW 365.3	03/19-03/20/09	9081047
		Dilution Factor: 5					
		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 #...: D9C120154 **Matrix.....:** WL
Date Sampled...: 03/11/09 08:35 **Date Received..:** 03/12/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total phosphorus			WO#: K8EHW1CW-MS/K8EHW1CX-MSD				MS Lot-Sample #: D9C120154-001		
	1.3	0.500	1.84	mg/L	113		MCAWW 365.3	03/19-03/20/09	9081047
	1.3	0.500	1.65	mg/L	76	11	MCAWW 365.3	03/19-03/20/09	9081047
			Dilution Factor: 5						
			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 #...: D9C120154 **Work Order #...:** K783M-SMP K783M-DUP **Matrix.....:** WATER

Date Sampled...: 03/09/09 11:10 **Date Received..:** 03/09/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids						SD Lot-Sample #:	D9C090168-015	
	1.6 B	ND	mg/L	120	(0-20)	SM18 2540 D	03/12/09	9071360

Dilution Factor: 1 Analysis Time..: 15:30

NOTE(S):

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

B Estimated result. Result is less than RL.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D9C120154 **Work Order #...:** K8EX2-SMP K8EX2-DUP **Matrix.....:** WATER

Date Sampled...: 03/11/09 15:10 **Date Received..:** 03/12/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids						SD Lot-Sample #:	D9C120208-001	
	69 Q	69 Q	mg/L	0.0	(0-20)	SM18 2540 D	03/12/09	9071361

Dilution Factor: 2 Analysis Time..: 15:30

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 #...: D9C120154 **Work Order #...:** K8EHW-SMP K8EHW-DUP **Matrix.....:** WL

Date Sampled...: 03/11/09 08:35 **Date Received..:** 03/12/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)						SD Lot-Sample #:	D9C120154-001	
	37 <,G	40 <,G	mg/L	7.8	(0-20)	SM18 5210 B	03/12/09	9071429

Dilution Factor: 10 Analysis Time..: 10:00

NOTE(S):

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

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D9C120154 **Work Order #...:** K8EPV-SMP K8EPV-DUP **Matrix.....:** WATER

Date Sampled...: 03/11/09 **Date Received..:** 03/12/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #:	D9C120177-008	
	630	640	mg/L	0.79	(0-20)	SM18 2540 C	03/17/09	9076079

Dilution Factor: 1 Analysis Time..: 12:00

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D9C120154 **Work Order #...:** K8HFD-SMP K8HFD-DUP **Matrix.....:** WATER

Date Sampled...: 03/12/09 11:35 **Date Received..:** 03/13/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #:	D9C130208-008	
	1100	1100	mg/L	0.64	(0-20)	SM18 2540 C	03/17/09	9076079

Dilution Factor: 1 Analysis Time..: 12:00

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D9C120154 **Work Order #...:** K79MV-SMP K79MV-DUP **Matrix.....:** WATER

Date Sampled...: 03/09/09 15:05 **Date Received..:** 03/10/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #:	D9C100136-001	
	2.2 F	2.0 F	mg/L	11	(0-10)	SM18 2320 B	03/19/09	9079134

Dilution Factor: 1 Analysis Time..: 11:00

NOTE(S):

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

F Found: Analyte positively identified, concentration is an estimate >MDL and <RL.

Chain of Custody Record

TAL-4124-280 (0508)

Sampler ID _____

Temperature on Receipt 2.2°C 3.12.09 17,

Drinking Water? Yes ☐ No ☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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Client	Project Manager	Date	Chain of Custody Number
WM	AL LACSAMANA	3-11-09	106542
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**

City	State	Zip Code	Site Contact	Lab Contact
				Betty Sare

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

Contract/Purchase Order/Quote No.: 134 26744-F

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 (Total)	VOA	NO3 (353.2)	COD	T. Phos.	NH3	CN, Total Sulfide	BOD	TDS	Tot	TSS	Special Instructions/ Conditions of Receipt
TO1	3-11	0835		X			4	2	1	3			1	3	✓	✓	1	1	1	2	✓	✓	✓	
TRIP	3-11	—		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	3-11-09	1400	1. Received By	3-12-09	0900
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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: T01 (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: D9C120154-1

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
031109	0835	—	—	—	—

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: F

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)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
(6) (ft/msl)	(ft)	(4) (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)
1st									
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 ____
(2) 031109	702	(1) 9363	(5) 153	(7) 250	(6) 02	(8) -110	

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: ____ Color: LT. BROWN Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: CLOUDY 70°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
03/11/09	BEN RAMYEAWAN	Ben Ramyeawan	PRO-TECH

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

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TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

Project No. Site 134

Piedmont Landfill

Lot #: D9C130318

Surfacewater

Al Lacsamana

Waste Management Inc.
Southern Area
1000 Parkwood Circle
Suite 700
Atlanta, GA 30339

Cc: Van Burbach

TestAmerica Denver
North Carolina Certification # 358

Betsy Sara
Project Manager

March 30, 2009

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**

Case Narrative

Enclosed is the report for six samples received at TestAmerica Denver on March 13, 2009. 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 D9C130318

Sample Receiving

The cooler temperature upon receipt at the Denver laboratory was 1.2°C.

All sample bottles were received in acceptable condition.

Holding Times

The holding times were within established control limits.

Method Blanks

All Method Blanks were within established control limits.

Laboratory Control Samples (LCS)

The Laboratory Control Samples were within established control limits.

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

Sample 3406-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 a recovery of 1,1-Dichloroethene 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

D9C130318

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
3406-S01 03/11/09 09:15 001				
Copper	0.85 B	10	ug/L	SW846 6020
Zinc	3.4 B	10	ug/L	SW846 6020
Barium	34 B	100	ug/L	SW846 6010B
Vanadium	1.5 B	25	ug/L	SW846 6010B
Cobalt	1.2 B	10	ug/L	SW846 6010B
Chromium	1.0 B	10	ug/L	SW846 6010B
cis-1,2-Dichloroethene	0.24 J	5.0	ug/L	SW846 8260B
Field Temperature	12.4	--	deg C	MCAWW 170.1
Field pH	7.09	0.1	No Units	MCAWW 150.1
Field Conductivity	89	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	5.4	0.5	mg/L	MCAWW 360.1
Field Turbidity	11.1		NTU	MCAWW 180.1
3406-S02 03/11/09 10:01 002				
Copper	0.86 B	10	ug/L	SW846 6020
Zinc	3.1 B	10	ug/L	SW846 6020
Barium	33 B	100	ug/L	SW846 6010B
Vanadium	1.1 B	25	ug/L	SW846 6010B
Silver	1.2 B	10	ug/L	SW846 6010B
Chromium	0.91 B	10	ug/L	SW846 6010B
cis-1,2-Dichloroethene	0.15 J	5.0	ug/L	SW846 8260B
Field Temperature	12.9	--	deg C	MCAWW 170.1
Field pH	7.22	0.1	No Units	MCAWW 150.1
Field Conductivity	72	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	5.6	0.5	mg/L	MCAWW 360.1
Field Turbidity	5.6		NTU	MCAWW 180.1
3406-S03 03/11/09 09:30 003				
Copper	1.3 B	10	ug/L	SW846 6020
Zinc	2.8 B	10	ug/L	SW846 6020
Barium	32 B	100	ug/L	SW846 6010B
Vanadium	3.4 B	25	ug/L	SW846 6010B
Silver	0.95 B	10	ug/L	SW846 6010B
Chromium	1.3 B	10	ug/L	SW846 6010B
Field Temperature	12.1	--	deg C	MCAWW 170.1
Field pH	7.24	0.1	No Units	MCAWW 150.1
Field Conductivity	72	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	5.4	0.5	mg/L	MCAWW 360.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D9C130318

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
3406-S03 03/11/09 09:30 003				
Field Turbidity	14.9		NTU	MCAWW 180.1
3406-S04 03/11/09 09:41 004				
Copper	1.5 B	10	ug/L	SW846 6020
Zinc	5.1 B	10	ug/L	SW846 6020
Barium	33 B	100	ug/L	SW846 6010B
Vanadium	2.3 B	25	ug/L	SW846 6010B
Chromium	0.91 B	10	ug/L	SW846 6010B
Field Temperature	13.3	--	deg C	MCAWW 170.1
Field pH	7.26	0.1	No Units	MCAWW 150.1
Field Conductivity	77	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	5.2	0.5	mg/L	MCAWW 360.1
Field Turbidity	15.6		NTU	MCAWW 180.1
3406-S05 03/11/09 08:58 005				
Copper	1.1 B	10	ug/L	SW846 6020
Zinc	3.1 B	10	ug/L	SW846 6020
Barium	34 B	100	ug/L	SW846 6010B
Vanadium	1.7 B	25	ug/L	SW846 6010B
Chromium	0.96 B	10	ug/L	SW846 6010B
Field Temperature	13.6	--	deg C	MCAWW 170.1
Field pH	6.92	0.1	No Units	MCAWW 150.1
Field Conductivity	87	1	umhos/cm	MCAWW 120.1
Field Dissolved Oxygen	5.2	0.5	mg/L	MCAWW 360.1
Field Turbidity	8.7		NTU	MCAWW 180.1

PREPARATION METHODS SUMMARY

D9C130318

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
********		MCAWW 180.1
********		MCAWW 360.1
Acid Digestion for Total Metals by ICPMS	SW846 3020A	SW846 6020
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
Field pH	MCAWW 150.1	MCAWW 150.1
Field Conductivity	MCAWW 120.1	MCAWW 120.1
Field Temperature	MCAWW 170.1	MCAWW 170.1
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

D9C130318

PARAMETER	ANALYTICAL METHOD
Field pH	MCAWW 150.1
Field Conductivity	MCAWW 120.1
Field Dissolved Oxygen	MCAWW 360.1
Field Temperature	MCAWW 170.1
Field Turbidity	MCAWW 180.1
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
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

D9C130318

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 120.1	Outside Lab	OUT
MCAWW 150.1	Outside Lab	OUT
MCAWW 170.1	Outside Lab	OUT
MCAWW 180.1	Outside Lab	OUT
MCAWW 360.1	Outside Lab	OUT
SW846 6010B	David Wells	5099
SW846 6020	Thomas Lill	6929
SW846 8260B	Mike Dobransky	008777

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

D9C130318

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K8H88	001	3406-S01	03/11/09	09:15
K8H9G	002	3406-S02	03/11/09	10:01
K8H9J	003	3406-S03	03/11/09	09:30
K8H9K	004	3406-S04	03/11/09	09:41
K8H9L	005	3406-S05	03/11/09	08:58
K8H9N	006	TRIP	03/11/09	

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 #...: D9C130318-001 **Work Order #...:** K8H881AA **Matrix.....:** WS
Date Sampled...: 03/11/09 09:15 **Date Received..:** 03/13/09
Prep Date.....: 03/23/09 **Analysis Date..:** 03/23/09
Prep Batch #...: 9083085 **Analysis Time..:** 18:33
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	0.30
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	**0.24 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	0.29
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	1.0
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-S01

GC/MS Volatiles

Lot-Sample #...: D9C130318-001 **Work Order #...:** K8H881AA **Matrix.....:** WS

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
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	83	(79 - 120)
1,2-Dichloroethane-d4	80	(65 - 126)
4-Bromofluorobenzene	91	(75 - 120)
Toluene-d8	98	(78 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-S02

GC/MS Volatiles

Lot-Sample #...: D9C130318-002 **Work Order #...:** K8H9G1AA **Matrix.....:** WS
Date Sampled...: 03/11/09 10:01 **Date Received..:** 03/13/09
Prep Date.....: 03/23/09 **Analysis Date..:** 03/23/09
Prep Batch #...: 9083085 **Analysis Time..:** 19:33
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	0.30
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	**0.15 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	0.29
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	1.0
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-S02

GC/MS Volatiles

Lot-Sample #...: D9C130318-002 **Work Order #...:** K8H9G1AA **Matrix.....:** WS

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
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	91	(79 - 120)
1,2-Dichloroethane-d4	89	(65 - 126)
4-Bromofluorobenzene	97	(75 - 120)
Toluene-d8	102	(78 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-S03

GC/MS Volatiles

Lot-Sample #...: D9C130318-003 **Work Order #...:** K8H9J1AA **Matrix.....:** WS
Date Sampled...: 03/11/09 09:30 **Date Received..:** 03/13/09
Prep Date.....: 03/23/09 **Analysis Date..:** 03/23/09
Prep Batch #...: 9083085 **Analysis Time..:** 20:14
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	0.30
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	0.29
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	1.0
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 #...: D9C130318-003 **Work Order #...:** K8H9J1AA **Matrix.....:** WS

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
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	89	(79 - 120)
1,2-Dichloroethane-d4	90	(65 - 126)
4-Bromofluorobenzene	96	(75 - 120)
Toluene-d8	106	(78 - 120)

Waste Management, Inc.

Client Sample ID: 3406-S04

GC/MS Volatiles

Lot-Sample #...: D9C130318-004 **Work Order #...:** K8H9K1AA **Matrix.....:** WS
Date Sampled...: 03/11/09 09:41 **Date Received..:** 03/13/09
Prep Date.....: 03/23/09 **Analysis Date..:** 03/23/09
Prep Batch #...: 9083085 **Analysis Time..:** 20:34
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	0.30
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	0.29
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	1.0
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 #...: D9C130318-004 **Work Order #...:** K8H9K1AA **Matrix.....:** WS

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
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	91	(79 - 120)
1,2-Dichloroethane-d4	93	(65 - 126)
4-Bromofluorobenzene	98	(75 - 120)
Toluene-d8	106	(78 - 120)

Waste Management, Inc.

Client Sample ID: 3406-S05

GC/MS Volatiles

Lot-Sample #...: D9C130318-005 **Work Order #...:** K8H9L1AA **Matrix.....:** WS
Date Sampled...: 03/11/09 08:58 **Date Received..:** 03/13/09
Prep Date.....: 03/23/09 **Analysis Date..:** 03/23/09
Prep Batch #...: 9083085 **Analysis Time..:** 20:54
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	0.30
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	0.29
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	1.0
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 #...: D9C130318-005 **Work Order #...:** K8H9L1AA **Matrix.....:** WS

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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5
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	101	(79 - 120)
1,2-Dichloroethane-d4	103	(65 - 126)
4-Bromofluorobenzene	107	(75 - 120)
Toluene-d8	115	(78 - 120)

Waste Management, Inc.

Client Sample ID: TRIP

GC/MS Volatiles

Lot-Sample #...: D9C130318-006 **Work Order #...:** K8H9N1AA **Matrix.....:** WQ
Date Sampled...: 03/11/09 **Date Received..:** 03/13/09
Prep Date.....: 03/23/09 **Analysis Date..:** 03/23/09
Prep Batch #...: 9083085 **Analysis Time..:** 21:14
Dilution Factor: 1

Method.....: SW846 8260B

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
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	0.30
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	0.29
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	1.0
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

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Waste Management, Inc.

Client Sample ID: TRIP

GC/MS Volatiles

Lot-Sample #...: D9C130318-006 **Work Order #...:** K8H9N1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
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	0.77
Vinyl acetate	ND	50	ug/L	0.94
Vinyl chloride	ND	1.0	ug/L	0.40
Xylenes (total)	ND	5.0	ug/L	0.19
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	1.5

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(79 - 120)
1,2-Dichloroethane-d4	92	(65 - 126)
4-Bromofluorobenzene	101	(75 - 120)
Toluene-d8	101	(78 - 120)

Waste Management, Inc.

Client Sample ID: 3406-S01

TOTAL Metals

Lot-Sample #...: D9C130318-001 **Matrix.....:** WS
Date Sampled...: 03/11/09 09:15 **Date Received..:** 03/13/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9075399						
Arsenic	ND	10	ug/L	SW846 6020	03/18-03/19/09	K8H881AF
		Dilution Factor: 1		Analysis Time..: 04:27	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	03/18-03/19/09	K8H881AG
		Dilution Factor: 1		Analysis Time..: 04:27	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/18-03/19/09	K8H881AH
		Dilution Factor: 1		Analysis Time..: 04:27	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	03/18-03/19/09	K8H881AJ
		Dilution Factor: 1		Analysis Time..: 04:27	MDL.....: 0.020	
Copper	**0.85 B**	**10**	**ug/L**	**SW846 6020**	**03/18-03/19/09**	**K8H881AK**
		Dilution Factor: 1		Analysis Time..: 04:27	MDL.....: 0.56	
Selenium	ND	10	ug/L	SW846 6020	03/18-03/19/09	K8H881AL
		Dilution Factor: 1		Analysis Time..: 04:27	MDL.....: 0.70	
Zinc	**3.4 B**	**10**	**ug/L**	**SW846 6020**	**03/18-03/19/09**	**K8H881AM**
		Dilution Factor: 1		Analysis Time..: 04:27	MDL.....: 2.0	
Prep Batch #...: 9075476						
Barium	**34 B**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/18/09**	**K8H881AD**
		Dilution Factor: 1		Analysis Time..: 23:52	MDL.....: 0.58	
Vanadium	**1.5 B**	**25**	**ug/L**	**SW846 6010B**	**03/17-03/18/09**	**K8H881AE**
		Dilution Factor: 1		Analysis Time..: 23:52	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/09	K8H881AN
		Dilution Factor: 1		Analysis Time..: 23:52	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	03/17-03/18/09	K8H881AP
		Dilution Factor: 1		Analysis Time..: 23:52	MDL.....: 0.93	
Cobalt	**1.2 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/18/09**	**K8H881AQ**
		Dilution Factor: 1		Analysis Time..: 23:52	MDL.....: 1.2	
Chromium	**1.0 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/18/09**	**K8H881AR**
		Dilution Factor: 1		Analysis Time..: 23:52	MDL.....: 0.66	

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Waste Management, Inc.

Client Sample ID: 3406-S01

TOTAL Metals

Lot-Sample #...: D9C130318-001 **Matrix.....:** WS

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	10	ug/L	SW846 6010B	03/17-03/18/09	K8H881AT
		Dilution Factor: 1		Analysis Time..: 23:52	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	03/17-03/18/09	K8H881AU
		Dilution Factor: 1		Analysis Time..: 23:52	MDL.....: 1.3	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-S02

TOTAL Metals

Lot-Sample #...: D9C130318-002 **Matrix.....:** WS
Date Sampled...: 03/11/09 10:01 **Date Received..:** 03/13/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9075399						
Arsenic	ND	10	ug/L	SW846 6020	03/18-03/19/09	K8H9G1AF
		Dilution Factor: 1		Analysis Time..: 04:59	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	03/18-03/19/09	K8H9G1AG
		Dilution Factor: 1		Analysis Time..: 04:59	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/18-03/19/09	K8H9G1AH
		Dilution Factor: 1		Analysis Time..: 04:59	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	03/18-03/19/09	K8H9G1AJ
		Dilution Factor: 1		Analysis Time..: 04:59	MDL.....: 0.020	
Copper	**0.86 B**	**10**	**ug/L**	**SW846 6020**	**03/18-03/19/09**	**K8H9G1AK**
		Dilution Factor: 1		Analysis Time..: 04:59	MDL.....: 0.56	
Selenium	ND	10	ug/L	SW846 6020	03/18-03/19/09	K8H9G1AL
		Dilution Factor: 1		Analysis Time..: 04:59	MDL.....: 0.70	
Zinc	**3.1 B**	**10**	**ug/L**	**SW846 6020**	**03/18-03/19/09**	**K8H9G1AM**
		Dilution Factor: 1		Analysis Time..: 04:59	MDL.....: 2.0	
Prep Batch #...: 9075476						
Barium	**33 B**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/18/09**	**K8H9G1AD**
		Dilution Factor: 1		Analysis Time..: 23:56	MDL.....: 0.58	
Vanadium	**1.1 B**	**25**	**ug/L**	**SW846 6010B**	**03/17-03/18/09**	**K8H9G1AE**
		Dilution Factor: 1		Analysis Time..: 23:56	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/09	K8H9G1AN
		Dilution Factor: 1		Analysis Time..: 23:56	MDL.....: 0.47	
Silver	**1.2 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/18/09**	**K8H9G1AP**
		Dilution Factor: 1		Analysis Time..: 23:56	MDL.....: 0.93	
Cobalt	ND	10	ug/L	SW846 6010B	03/17-03/18/09	K8H9G1AQ
		Dilution Factor: 1		Analysis Time..: 23:56	MDL.....: 1.2	
Chromium	**0.91 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/18/09**	**K8H9G1AR**
		Dilution Factor: 1		Analysis Time..: 23:56	MDL.....: 0.66	

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Waste Management, Inc.

Client Sample ID: 3406-S02

TOTAL Metals

Lot-Sample #...: D9C130318-002 **Matrix.....:** WS

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	10	ug/L	SW846 6010B	03/17-03/18/09	K8H9G1AT
		Dilution Factor: 1		Analysis Time..: 23:56	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	03/17-03/18/09	K8H9G1AU
		Dilution Factor: 1		Analysis Time..: 23:56	MDL.....: 1.3	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-S03

TOTAL Metals

Lot-Sample #...: D9C130318-003 **Matrix.....:** WS
Date Sampled...: 03/11/09 09:30 **Date Received..:** 03/13/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9075399						
Arsenic	ND	10	ug/L	SW846 6020	03/18-03/19/09	K8H9J1AF
		Dilution Factor: 1		Analysis Time..: 05:03	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	03/18-03/19/09	K8H9J1AG
		Dilution Factor: 1		Analysis Time..: 05:03	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/18-03/19/09	K8H9J1AH
		Dilution Factor: 1		Analysis Time..: 05:03	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	03/18-03/19/09	K8H9J1AJ
		Dilution Factor: 1		Analysis Time..: 05:03	MDL.....: 0.020	
Copper	**1.3 B**	**10**	**ug/L**	**SW846 6020**	**03/18-03/19/09**	**K8H9J1AK**
		Dilution Factor: 1		Analysis Time..: 05:03	MDL.....: 0.56	
Selenium	ND	10	ug/L	SW846 6020	03/18-03/19/09	K8H9J1AL
		Dilution Factor: 1		Analysis Time..: 05:03	MDL.....: 0.70	
Zinc	**2.8 B**	**10**	**ug/L**	**SW846 6020**	**03/18-03/19/09**	**K8H9J1AM**
		Dilution Factor: 1		Analysis Time..: 05:03	MDL.....: 2.0	
Prep Batch #...: 9075476						
Barium	**32 B**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/18/09**	**K8H9J1AD**
		Dilution Factor: 1		Analysis Time..: 23:59	MDL.....: 0.58	
Vanadium	**3.4 B**	**25**	**ug/L**	**SW846 6010B**	**03/17-03/18/09**	**K8H9J1AE**
		Dilution Factor: 1		Analysis Time..: 23:59	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/09	K8H9J1AN
		Dilution Factor: 1		Analysis Time..: 23:59	MDL.....: 0.47	
Silver	**0.95 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/18/09**	**K8H9J1AP**
		Dilution Factor: 1		Analysis Time..: 23:59	MDL.....: 0.93	
Cobalt	ND	10	ug/L	SW846 6010B	03/17-03/18/09	K8H9J1AQ
		Dilution Factor: 1		Analysis Time..: 23:59	MDL.....: 1.2	
Chromium	**1.3 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/18/09**	**K8H9J1AR**
		Dilution Factor: 1		Analysis Time..: 23:59	MDL.....: 0.66	

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Waste Management, Inc.

Client Sample ID: 3406-S03

TOTAL Metals

Lot-Sample #...: D9C130318-003 **Matrix.....:** WS

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	10	ug/L	SW846 6010B	03/17-03/18/09	K8H9J1AT
		Dilution Factor: 1		Analysis Time..: 23:59	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	03/17-03/18/09	K8H9J1AU
		Dilution Factor: 1		Analysis Time..: 23:59	MDL.....: 1.3	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-S04

TOTAL Metals

Lot-Sample #...: D9C130318-004 **Matrix.....:** WS
Date Sampled...: 03/11/09 09:41 **Date Received..:** 03/13/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9075399						
Arsenic	ND	10	ug/L	SW846 6020	03/18-03/19/09	K8H9K1AF
		Dilution Factor: 1		Analysis Time..: 05:08	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	03/18-03/19/09	K8H9K1AG
		Dilution Factor: 1		Analysis Time..: 05:08	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/18-03/19/09	K8H9K1AH
		Dilution Factor: 1		Analysis Time..: 05:08	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	03/18-03/19/09	K8H9K1AJ
		Dilution Factor: 1		Analysis Time..: 05:08	MDL.....: 0.020	
Copper	**1.5 B**	**10**	**ug/L**	**SW846 6020**	**03/18-03/19/09**	**K8H9K1AK**
		Dilution Factor: 1		Analysis Time..: 05:08	MDL.....: 0.56	
Selenium	ND	10	ug/L	SW846 6020	03/18-03/19/09	K8H9K1AL
		Dilution Factor: 1		Analysis Time..: 05:08	MDL.....: 0.70	
Zinc	**5.1 B**	**10**	**ug/L**	**SW846 6020**	**03/18-03/19/09**	**K8H9K1AM**
		Dilution Factor: 1		Analysis Time..: 05:08	MDL.....: 2.0	
Prep Batch #...: 9075476						
Barium	**33 B**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8H9K1AD**
		Dilution Factor: 1		Analysis Time..: 00:14	MDL.....: 0.58	
Vanadium	**2.3 B**	**25**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8H9K1AE**
		Dilution Factor: 1		Analysis Time..: 00:14	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/19/09	K8H9K1AN
		Dilution Factor: 1		Analysis Time..: 00:14	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8H9K1AP
		Dilution Factor: 1		Analysis Time..: 00:14	MDL.....: 0.93	
Cobalt	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8H9K1AQ
		Dilution Factor: 1		Analysis Time..: 00:14	MDL.....: 1.2	
Chromium	**0.91 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8H9K1AR**
		Dilution Factor: 1		Analysis Time..: 00:14	MDL.....: 0.66	

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Waste Management, Inc.

Client Sample ID: 3406-S04

TOTAL Metals

Lot-Sample #...: D9C130318-004 **Matrix.....:** WS

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8H9K1AT
		Dilution Factor: 1		Analysis Time..: 00:14	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	03/17-03/19/09	K8H9K1AU
		Dilution Factor: 1		Analysis Time..: 00:14	MDL.....: 1.3	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-S05

TOTAL Metals

Lot-Sample #...: D9C130318-005 **Matrix.....:** WS
Date Sampled...: 03/11/09 08:58 **Date Received..:** 03/13/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9075399						
Arsenic	ND	10	ug/L	SW846 6020	03/18-03/19/09	K8H9L1AF
		Dilution Factor: 1		Analysis Time..: 05:12	MDL.....: 0.21	
Cadmium	ND	1.0	ug/L	SW846 6020	03/18-03/19/09	K8H9L1AG
		Dilution Factor: 1		Analysis Time..: 05:12	MDL.....: 0.040	
Antimony	ND	6.0	ug/L	SW846 6020	03/18-03/19/09	K8H9L1AH
		Dilution Factor: 1		Analysis Time..: 05:12	MDL.....: 0.070	
Thallium	ND	5.5	ug/L	SW846 6020	03/18-03/19/09	K8H9L1AJ
		Dilution Factor: 1		Analysis Time..: 05:12	MDL.....: 0.020	
Copper	**1.1 B**	**10**	**ug/L**	**SW846 6020**	**03/18-03/19/09**	**K8H9L1AK**
		Dilution Factor: 1		Analysis Time..: 05:12	MDL.....: 0.56	
Selenium	ND	10	ug/L	SW846 6020	03/18-03/19/09	K8H9L1AL
		Dilution Factor: 1		Analysis Time..: 05:12	MDL.....: 0.70	
Zinc	**3.1 B**	**10**	**ug/L**	**SW846 6020**	**03/18-03/19/09**	**K8H9L1AM**
		Dilution Factor: 1		Analysis Time..: 05:12	MDL.....: 2.0	
Prep Batch #...: 9075476						
Barium	**34 B**	**100**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8H9L1AD**
		Dilution Factor: 1		Analysis Time..: 00:29	MDL.....: 0.58	
Vanadium	**1.7 B**	**25**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8H9L1AE**
		Dilution Factor: 1		Analysis Time..: 00:29	MDL.....: 1.1	
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/19/09	K8H9L1AN
		Dilution Factor: 1		Analysis Time..: 00:29	MDL.....: 0.47	
Silver	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8H9L1AP
		Dilution Factor: 1		Analysis Time..: 00:29	MDL.....: 0.93	
Cobalt	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8H9L1AQ
		Dilution Factor: 1		Analysis Time..: 00:29	MDL.....: 1.2	
Chromium	**0.96 B**	**10**	**ug/L**	**SW846 6010B**	**03/17-03/19/09**	**K8H9L1AR**
		Dilution Factor: 1		Analysis Time..: 00:29	MDL.....: 0.66	

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Waste Management, Inc.

Client Sample ID: 3406-S05

TOTAL Metals

Lot-Sample #...: D9C130318-005 **Matrix.....:** WS

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	10	ug/L	SW846 6010B	03/17-03/19/09	K8H9L1AT
		Dilution Factor: 1		Analysis Time..: 00:29	MDL.....: 2.6	
Nickel	ND	50	ug/L	SW846 6010B	03/17-03/19/09	K8H9L1AU
		Dilution Factor: 1		Analysis Time..: 00:29	MDL.....: 1.3	

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-S01

General Chemistry

Lot-Sample #...: D9C130318-001 **Work Order #...:** K8H88 **Matrix.....:** WS
Date Sampled...: 03/11/09 09:15 **Date Received..:** 03/13/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Field pH	**7.09**	**0.1**	**No Units**	**MCAWW 150.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 09:15	MDL.....:	
Field Conductivity	**89**	**1**	**umhos/cm**	**MCAWW 120.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 09:15	MDL.....:	
Field Dissolved Oxygen	**5.4**	**0.5**	**mg/L**	**MCAWW 360.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 09:15	MDL.....: 0.01	
Field Temperature	**12.4**	--	**deg C**	**MCAWW 170.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 09:15	MDL.....:	
Field Turbidity	**11.1**		**NTU**	**MCAWW 180.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 09:15	MDL.....:	

Waste Management, Inc.

Client Sample ID: 3406-S02

General Chemistry

Lot-Sample #...: D9C130318-002 **Work Order #...:** K8H9G **Matrix.....:** WS
Date Sampled...: 03/11/09 10:01 **Date Received..:** 03/13/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Field pH	**7.22**	**0.1**	**No Units**	**MCAWW 150.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 10:01	MDL.....:	
Field Conductivity	**72**	**1**	**umhos/cm**	**MCAWW 120.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 10:01	MDL.....:	
Field Dissolved Oxygen	**5.6**	**0.5**	**mg/L**	**MCAWW 360.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 10:01	MDL.....: 0.01	
Field Temperature	**12.9**	--	**deg C**	**MCAWW 170.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 10:01	MDL.....:	
Field Turbidity	**5.6**		**NTU**	**MCAWW 180.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 10:01	MDL.....:	

Waste Management, Inc.

Client Sample ID: 3406-S03

General Chemistry

Lot-Sample #...: D9C130318-003 **Work Order #...:** K8H9J **Matrix.....:** WS
Date Sampled...: 03/11/09 09:30 **Date Received..:** 03/13/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Field pH	**7.24**	**0.1**	**No Units**	**MCAWW 150.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....:	
Field Conductivity	**72**	**1**	**umhos/cm**	**MCAWW 120.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....:	
Field Dissolved Oxygen	**5.4**	**0.5**	**mg/L**	**MCAWW 360.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 0.01	
Field Temperature	**12.1**	--	**deg C**	**MCAWW 170.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....:	
Field Turbidity	**14.9**		**NTU**	**MCAWW 180.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....:	

Waste Management, Inc.

Client Sample ID: 3406-S04

General Chemistry

Lot-Sample #...: D9C130318-004 **Work Order #...:** K8H9K **Matrix.....:** WS
Date Sampled...: 03/11/09 09:41 **Date Received..:** 03/13/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Field pH	**7.26**	**0.1**	**No Units**	**MCAWW 150.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 09:41	MDL.....:	
Field Conductivity	**77**	**1**	**umhos/cm**	**MCAWW 120.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 09:41	MDL.....:	
Field Dissolved Oxygen	**5.2**	**0.5**	**mg/L**	**MCAWW 360.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 09:41	MDL.....: 0.01	
Field Temperature	**13.3**	**--**	**deg C**	**MCAWW 170.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 09:41	MDL.....:	
Field Turbidity	**15.6**		**NTU**	**MCAWW 180.1**	**03/11/09**	**9077189**
		Dilution Factor: 1		Analysis Time..: 09:41	MDL.....:	

Waste Management, Inc.

Client Sample ID: 3406-S05

General Chemistry

Lot-Sample #...: D9C130318-005 **Work Order #...:** K8H9L **Matrix.....:** WS
Date Sampled...: 03/11/09 08:58 **Date Received..:** 03/13/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Field pH	**6.92**	**0.1**	**No Units**	**MCAWW 150.1**	**03/11/09**	**9077190**
		Dilution Factor: 1		Analysis Time..: 08:58	MDL.....:	
Field Conductivity	**87**	**1**	**umhos/cm**	**MCAWW 120.1**	**03/11/09**	**9077190**
		Dilution Factor: 1		Analysis Time..: 08:58	MDL.....:	
Field Dissolved Oxygen	**5.2**	**0.5**	**mg/L**	**MCAWW 360.1**	**03/11/09**	**9077190**
		Dilution Factor: 1		Analysis Time..: 08:58	MDL.....: 0.01	
Field Temperature	**13.6**	--	**deg C**	**MCAWW 170.1**	**03/11/09**	**9077190**
		Dilution Factor: 1		Analysis Time..: 08:58	MDL.....:	
Field Turbidity	**8.7**		**NTU**	**MCAWW 180.1**	**03/11/09**	**9077190**
		Dilution Factor: 1		Analysis Time..: 08:58	MDL.....:	

QC DATA ASSOCIATION SUMMARY

D9C130318

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WS	MCAWW 170.1		9077189	
	WS	MCAWW 150.1		9077189	
	WS	MCAWW 120.1		9077189	
	WS	MCAWW 360.1		9077189	
	WS	SW846 6020		9075399	9075223
	WS	SW846 8260B		9083085	9083051
	WS	SW846 6010B		9075476	9075283
	WS	MCAWW 180.1		9077189	
002	WS	MCAWW 170.1		9077189	
	WS	MCAWW 150.1		9077189	
	WS	MCAWW 120.1		9077189	
	WS	MCAWW 360.1		9077189	
	WS	SW846 6020		9075399	9075223
	WS	SW846 8260B		9083085	9083051
	WS	SW846 6010B		9075476	9075283
	WS	MCAWW 180.1		9077189	
003	WS	MCAWW 170.1		9077189	
	WS	MCAWW 150.1		9077189	
	WS	MCAWW 120.1		9077189	
	WS	MCAWW 360.1		9077189	
	WS	SW846 6020		9075399	9075223
	WS	SW846 8260B		9083085	9083051
	WS	SW846 6010B		9075476	9075283
	WS	MCAWW 180.1		9077189	
004	WS	MCAWW 170.1		9077189	
	WS	MCAWW 150.1		9077189	
	WS	MCAWW 120.1		9077189	
	WS	MCAWW 360.1		9077189	
	WS	SW846 6020		9075399	9075223
	WS	SW846 8260B		9083085	9083051
	WS	SW846 6010B		9075476	9075283
	WS	MCAWW 180.1		9077189	
005	WS	MCAWW 170.1		9077190	
	WS	MCAWW 150.1		9077190	
	WS	MCAWW 120.1		9077190	
	WS	MCAWW 360.1		9077190	
	WS	SW846 6020		9075399	9075223
	WS	SW846 8260B		9083085	9083051
	WS	SW846 6010B		9075476	9075283

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QC DATA ASSOCIATION SUMMARY

D9C130318

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
005	WS	MCAWW 180.1		9077190	
006	WQ	SW846 8260B		9083085	9083051

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D9C130318 **Work Order #...:** K810W1AA **Matrix.....:** WATER
MB Lot-Sample #: D9C240000-085

Prep Date.....: 03/23/09 **Analysis Time..:** 17:47
Analysis Date..: 03/23/09 **Prep Batch #...:** 9083085
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 #...: D9C130318 **Work Order #...:** K810W1AA **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	84	(79 - 120)
1,2-Dichloroethane-d4	82	(65 - 126)
4-Bromofluorobenzene	88	(75 - 120)
Toluene-d8	103	(78 - 120)

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 #...: D9C130318 **Work Order #...:** K810W1AC **Matrix.....:** WATER
LCS Lot-Sample#: D9C240000-085
Prep Date.....: 03/23/09 **Analysis Date..:** 03/23/09
Prep Batch #...: 9083085 **Analysis Time..:** 17:07
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**121**	**(68 - 133)**	**SW846 8260B**
Benzene	**100**	**(77 - 118)**	**SW846 8260B**
Chlorobenzene	**96**	**(78 - 118)**	**SW846 8260B**
Toluene	**98**	**(73 - 120)**	**SW846 8260B**
Trichloroethene	**104**	**(78 - 122)**	**SW846 8260B**
Chloroform	**95**	**(78 - 118)**	**SW846 8260B**
1,1-Dichloroethane	**95**	**(77 - 117)**	**SW846 8260B**
1,2-Dichloropropane	**98**	**(76 - 116)**	**SW846 8260B**
Ethylbenzene	**96**	**(78 - 118)**	**SW846 8260B**
Methylene chloride	**92**	**(71 - 119)**	**SW846 8260B**
Tetrachloroethene	**99**	**(77 - 117)**	**SW846 8260B**
1,1,1-Trichloroethane	**97**	**(78 - 118)**	**SW846 8260B**
Carbon tetrachloride	**99**	**(80 - 120)**	**SW846 8260B**
trans-1,2-Dichloroethene	**103**	**(80 - 120)**	**SW846 8260B**
Bromodichloromethane	**96**	**(78 - 118)**	**SW846 8260B**
1,3-Dichlorobenzene	**97**	**(75 - 115)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	83	(79 - 120)
1,2-Dichloroethane-d4	77	(65 - 126)
4-Bromofluorobenzene	89	(75 - 120)
Toluene-d8	103	(78 - 120)

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 #...: D9C130318 **Work Order #...:** K810W1AC **Matrix.....:** WATER
LCS Lot-Sample#: D9C240000-085
Prep Date.....: 03/23/09 **Analysis Date..:** 03/23/09
Prep Batch #...: 9083085 **Analysis Time..:** 17:07
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**12.1**	**ug/L**	**121**	**SW846 8260B**
Benzene	**10.0**	**10.0**	**ug/L**	**100**	**SW846 8260B**
Chlorobenzene	**10.0**	**9.62**	**ug/L**	**96**	**SW846 8260B**
Toluene	**10.0**	**9.75**	**ug/L**	**98**	**SW846 8260B**
Trichloroethene	**10.0**	**10.4**	**ug/L**	**104**	**SW846 8260B**
Chloroform	**10.0**	**9.53**	**ug/L**	**95**	**SW846 8260B**
1,1-Dichloroethane	**10.0**	**9.54**	**ug/L**	**95**	**SW846 8260B**
1,2-Dichloropropane	**10.0**	**9.78**	**ug/L**	**98**	**SW846 8260B**
Ethylbenzene	**10.0**	**9.64**	**ug/L**	**96**	**SW846 8260B**
Methylene chloride	**10.0**	**9.15**	**ug/L**	**92**	**SW846 8260B**
Tetrachloroethene	**10.0**	**9.89**	**ug/L**	**99**	**SW846 8260B**
1,1,1-Trichloroethane	**10.0**	**9.69**	**ug/L**	**97**	**SW846 8260B**
Carbon tetrachloride	**10.0**	**9.87**	**ug/L**	**99**	**SW846 8260B**
trans-1,2-Dichloroethene	**10.0**	**10.3**	**ug/L**	**103**	**SW846 8260B**
Bromodichloromethane	**10.0**	**9.58**	**ug/L**	**96**	**SW846 8260B**
1,3-Dichlorobenzene	**10.0**	**9.68**	**ug/L**	**97**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	83	(79 - 120)
1,2-Dichloroethane-d4	77	(65 - 126)
4-Bromofluorobenzene	89	(75 - 120)
Toluene-d8	103	(78 - 120)

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 #...: D9C130318 Work Order #...: K8H881CH-MS Matrix.....: WS
MS Lot-Sample #: D9C130318-001 K8H881CJ-MSD
Date Sampled...: 03/11/09 09:15 Date Received..: 03/13/09
Prep Date.....: 03/23/09 Analysis Date..: 03/23/09
Prep Batch #...: 9083085 Analysis Time..: 19:54
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	130	(68 - 133)			SW846 8260B
	135 a	(68 - 133)	4.1	(0-20)	SW846 8260B
Benzene	106	(77 - 118)			SW846 8260B
	109	(77 - 118)	2.7	(0-20)	SW846 8260B
Chlorobenzene	103	(78 - 118)			SW846 8260B
	106	(78 - 118)	2.5	(0-20)	SW846 8260B
Toluene	103	(73 - 120)			SW846 8260B
	98	(73 - 120)	4.4	(0-20)	SW846 8260B
Trichloroethene	105	(78 - 122)			SW846 8260B
	108	(78 - 122)	2.8	(0-20)	SW846 8260B
Chloroform	105	(78 - 118)			SW846 8260B
	109	(78 - 118)	3.0	(0-20)	SW846 8260B
1,1-Dichloroethane	106	(77 - 117)			SW846 8260B
	110	(77 - 117)	3.7	(0-21)	SW846 8260B
1,2-Dichloropropane	99	(76 - 116)			SW846 8260B
	105	(76 - 116)	6.3	(0-20)	SW846 8260B
Ethylbenzene	103	(78 - 118)			SW846 8260B
	106	(78 - 118)	2.5	(0-26)	SW846 8260B
Methylene chloride	108	(71 - 119)			SW846 8260B
	107	(71 - 119)	0.61	(0-20)	SW846 8260B
Tetrachloroethene	108	(77 - 117)			SW846 8260B
	98	(77 - 117)	10	(0-20)	SW846 8260B
1,1,1-Trichloroethane	108	(78 - 118)			SW846 8260B
	110	(78 - 118)	1.9	(0-20)	SW846 8260B
Carbon tetrachloride	110	(80 - 120)			SW846 8260B
	109	(80 - 120)	0.77	(0-21)	SW846 8260B
trans-1,2-Dichloroethene	116	(80 - 120)			SW846 8260B
	118	(80 - 120)	1.9	(0-24)	SW846 8260B
Bromodichloromethane	94	(78 - 118)			SW846 8260B
	104	(78 - 118)	10	(0-20)	SW846 8260B
1,3-Dichlorobenzene	103	(75 - 115)			SW846 8260B
	105	(75 - 115)	2.0	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	86	(79 - 120)
	86	(79 - 120)
1,2-Dichloroethane-d4	84	(65 - 126)
	84	(65 - 126)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D9C130318 **Work Order #...:** K8H881CH-MS **Matrix.....:** WS
MS Lot-Sample #: D9C130318-001 K8H881CJ-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	95	(75 - 120)
	97	(75 - 120)
Toluene-d8	104	(78 - 120)
	94	(78 - 120)

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 #...: D9C130318 Work Order #...: K8H881CH-MS Matrix.....: WS
MS Lot-Sample #: D9C130318-001 K8H881CJ-MSD
Date Sampled...: 03/11/09 09:15 Date Received..: 03/13/09
Prep Date.....: 03/23/09 Analysis Date..: 03/23/09
Prep Batch #...: 9083085 Analysis Time..: 19:54
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	5.00	6.50	ug/L	130		SW846 8260B
	ND	5.00	6.77	ug/L	135 a	4.1	SW846 8260B
Benzene	ND	5.00	5.31	ug/L	106		SW846 8260B
	ND	5.00	5.46	ug/L	109	2.7	SW846 8260B
Chlorobenzene	ND	5.00	5.17	ug/L	103		SW846 8260B
	ND	5.00	5.30	ug/L	106	2.5	SW846 8260B
Toluene	ND	5.00	5.15	ug/L	103		SW846 8260B
	ND	5.00	4.92	ug/L	98	4.4	SW846 8260B
Trichloroethene	ND	5.00	5.25	ug/L	105		SW846 8260B
	ND	5.00	5.40	ug/L	108	2.8	SW846 8260B
Chloroform	ND	5.00	5.27	ug/L	105		SW846 8260B
	ND	5.00	5.43	ug/L	109	3.0	SW846 8260B
1,1-Dichloroethane	ND	5.00	5.28	ug/L	106		SW846 8260B
	ND	5.00	5.48	ug/L	110	3.7	SW846 8260B
1,2-Dichloropropane	ND	5.00	4.94	ug/L	99		SW846 8260B
	ND	5.00	5.26	ug/L	105	6.3	SW846 8260B
Ethylbenzene	ND	5.00	5.16	ug/L	103		SW846 8260B
	ND	5.00	5.29	ug/L	106	2.5	SW846 8260B
Methylene chloride	ND	5.00	5.39	ug/L	108		SW846 8260B
	ND	5.00	5.36	ug/L	107	0.61	SW846 8260B
Tetrachloroethene	ND	5.00	5.42	ug/L	108		SW846 8260B
	ND	5.00	4.88	ug/L	98	10	SW846 8260B
1,1,1-Trichloroethane	ND	5.00	5.41	ug/L	108		SW846 8260B
	ND	5.00	5.52	ug/L	110	1.9	SW846 8260B
Carbon tetrachloride	ND	5.00	5.48	ug/L	110		SW846 8260B
	ND	5.00	5.44	ug/L	109	0.77	SW846 8260B
trans-1,2-Dichloroethene	ND	5.00	5.78	ug/L	116		SW846 8260B
	ND	5.00	5.89	ug/L	118	1.9	SW846 8260B
Bromodichloromethane	ND	5.00	4.68	ug/L	94		SW846 8260B
	ND	5.00	5.18	ug/L	104	10	SW846 8260B
1,3-Dichlorobenzene	ND	5.00	5.15	ug/L	103		SW846 8260B
	ND	5.00	5.26	ug/L	105	2.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	86	(79 - 120)
	86	(79 - 120)
1,2-Dichloroethane-d4	84	(65 - 126)
	84	(65 - 126)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D9C130318 **Work Order #...:** K8H881CH-MS **Matrix.....:** WS
MS Lot-Sample #: D9C130318-001 K8H881CJ-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	95	(75 - 120)
	97	(75 - 120)
Toluene-d8	104	(78 - 120)
	94	(78 - 120)

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 #...: D9C130318 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D9C160000-399 **Prep Batch #...:** 9075399						
Arsenic	ND	10	ug/L	SW846 6020	03/18-03/19/09	K8K551AA
		Dilution Factor: 1				
		Analysis Time..: 04:18				
Cadmium	ND	1.0	ug/L	SW846 6020	03/18-03/19/09	K8K551AC
		Dilution Factor: 1				
		Analysis Time..: 04:18				
Antimony	ND	6.0	ug/L	SW846 6020	03/18-03/19/09	K8K551AD
		Dilution Factor: 1				
		Analysis Time..: 04:18				
Thallium	ND	5.5	ug/L	SW846 6020	03/18-03/19/09	K8K551AE
		Dilution Factor: 1				
		Analysis Time..: 04:18				
Copper	ND	10	ug/L	SW846 6020	03/18-03/19/09	K8K551AF
		Dilution Factor: 1				
		Analysis Time..: 04:18				
Selenium	ND	10	ug/L	SW846 6020	03/18-03/19/09	K8K551AG
		Dilution Factor: 1				
		Analysis Time..: 04:18				
Zinc	ND	10	ug/L	SW846 6020	03/18-03/19/09	K8K551AH
		Dilution Factor: 1				
		Analysis Time..: 04:18				
MB Lot-Sample #: D9C160000-476 **Prep Batch #...:** 9075476						
Barium	ND	100	ug/L	SW846 6010B	03/17-03/18/09	K8LJA1AA
		Dilution Factor: 1				
		Analysis Time..: 23:41				
Vanadium	ND	25	ug/L	SW846 6010B	03/17-03/18/09	K8LJA1AC
		Dilution Factor: 1				
		Analysis Time..: 23:41				
Beryllium	ND	1.0	ug/L	SW846 6010B	03/17-03/18/09	K8LJA1AD
		Dilution Factor: 1				
		Analysis Time..: 23:41				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D9C130318 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	03/17-03/18/09	K8LJA1AE
		Dilution Factor: 1				
		Analysis Time..: 23:41				
Cobalt	ND	10	ug/L	SW846 6010B	03/17-03/18/09	K8LJA1AF
		Dilution Factor: 1				
		Analysis Time..: 23:41				
Chromium	ND	10	ug/L	SW846 6010B	03/17-03/18/09	K8LJA1AG
		Dilution Factor: 1				
		Analysis Time..: 23:41				
Lead	ND	10	ug/L	SW846 6010B	03/17-03/18/09	K8LJA1AH
		Dilution Factor: 1				
		Analysis Time..: 23:41				
Nickel	ND	50	ug/L	SW846 6010B	03/17-03/18/09	K8LJA1AJ
		Dilution Factor: 1				
		Analysis Time..: 23:41				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D9C130318 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D9C160000-399 **Prep Batch #...:** 9075399					
Arsenic	97	(85 - 117)	SW846 6020	03/18-03/19/09	K8K551AJ
		Dilution Factor: 1	Analysis Time..: 04:22		
Cadmium	97	(85 - 115)	SW846 6020	03/18-03/19/09	K8K551AK
		Dilution Factor: 1	Analysis Time..: 04:22		
Antimony	98	(85 - 115)	SW846 6020	03/18-03/19/09	K8K551AL
		Dilution Factor: 1	Analysis Time..: 04:22		
Thallium	104	(85 - 118)	SW846 6020	03/18-03/19/09	K8K551AM
		Dilution Factor: 1	Analysis Time..: 04:22		
Copper	101	(85 - 119)	SW846 6020	03/18-03/19/09	K8K551AN
		Dilution Factor: 1	Analysis Time..: 04:22		
Selenium	94	(77 - 122)	SW846 6020	03/18-03/19/09	K8K551AP
		Dilution Factor: 1	Analysis Time..: 04:22		
Zinc	100	(83 - 122)	SW846 6020	03/18-03/19/09	K8K551AQ
		Dilution Factor: 1	Analysis Time..: 04:22		
LCS Lot-Sample#: D9C160000-476 **Prep Batch #...:** 9075476					
Barium	97	(90 - 112)	SW846 6010B	03/17-03/18/09	K8LJA1AK
		Dilution Factor: 1	Analysis Time..: 23:45		
Vanadium	97	(90 - 111)	SW846 6010B	03/17-03/18/09	K8LJA1AL
		Dilution Factor: 1	Analysis Time..: 23:45		
Beryllium	95	(89 - 113)	SW846 6010B	03/17-03/18/09	K8LJA1AM
		Dilution Factor: 1	Analysis Time..: 23:45		
Silver	102	(86 - 115)	SW846 6010B	03/17-03/18/09	K8LJA1AN
		Dilution Factor: 1	Analysis Time..: 23:45		
Cobalt	95	(89 - 111)	SW846 6010B	03/17-03/18/09	K8LJA1AP
		Dilution Factor: 1	Analysis Time..: 23:45		
Chromium	98	(90 - 113)	SW846 6010B	03/17-03/18/09	K8LJA1AQ
		Dilution Factor: 1	Analysis Time..: 23:45		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D9C130318 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	97	(89 - 110)	SW846 6010B	03/17-03/18/09	K8LJA1AR
		Dilution Factor: 1	Analysis Time..: 23:45		
Nickel	95	(89 - 111)	SW846 6010B	03/17-03/18/09	K8LJA1AT
		Dilution Factor: 1	Analysis Time..: 23:45		

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C130318 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D9C160000-399 **Prep Batch #...:** 9075399							
Arsenic	40.0	38.8	ug/L	97	SW846 6020	03/18-03/19/09	K8K551AJ
			Dilution Factor: 1		Analysis Time..: 04:22		
Cadmium	40.0	38.9	ug/L	97	SW846 6020	03/18-03/19/09	K8K551AK
			Dilution Factor: 1		Analysis Time..: 04:22		
Antimony	40.0	39.1	ug/L	98	SW846 6020	03/18-03/19/09	K8K551AL
			Dilution Factor: 1		Analysis Time..: 04:22		
Thallium	40.0	41.7	ug/L	104	SW846 6020	03/18-03/19/09	K8K551AM
			Dilution Factor: 1		Analysis Time..: 04:22		
Copper	40.0	40.3	ug/L	101	SW846 6020	03/18-03/19/09	K8K551AN
			Dilution Factor: 1		Analysis Time..: 04:22		
Selenium	40.0	37.6	ug/L	94	SW846 6020	03/18-03/19/09	K8K551AP
			Dilution Factor: 1		Analysis Time..: 04:22		
Zinc	40.0	40.0	ug/L	100	SW846 6020	03/18-03/19/09	K8K551AQ
			Dilution Factor: 1		Analysis Time..: 04:22		
LCS Lot-Sample#: D9C160000-476 **Prep Batch #...:** 9075476							
Barium	2000	1940	ug/L	97	SW846 6010B	03/17-03/18/09	K8LJA1AK
			Dilution Factor: 1		Analysis Time..: 23:45		
Vanadium	500	484	ug/L	97	SW846 6010B	03/17-03/18/09	K8LJA1AL
			Dilution Factor: 1		Analysis Time..: 23:45		
Beryllium	50.0	47.7	ug/L	95	SW846 6010B	03/17-03/18/09	K8LJA1AM
			Dilution Factor: 1		Analysis Time..: 23:45		
Silver	50.0	51.2	ug/L	102	SW846 6010B	03/17-03/18/09	K8LJA1AN
			Dilution Factor: 1		Analysis Time..: 23:45		
Cobalt	500	476	ug/L	95	SW846 6010B	03/17-03/18/09	K8LJA1AP
			Dilution Factor: 1		Analysis Time..: 23:45		
Chromium	200	195	ug/L	98	SW846 6010B	03/17-03/18/09	K8LJA1AQ
			Dilution Factor: 1		Analysis Time..: 23:45		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C130318 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	500	483	ug/L	97	SW846 6010B	03/17-03/18/09	K8LJA1AR
			Dilution Factor: 1		Analysis Time..: 23:45		
Nickel	500	475	ug/L	95	SW846 6010B	03/17-03/18/09	K8LJA1AT
			Dilution Factor: 1		Analysis Time..: 23:45		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D9C130318 **Matrix.....:** WS
Date Sampled...: 03/11/09 09:15 **Date Received..:** 03/13/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C130318-001 **Prep Batch #...:** 9075399							
Arsenic	99	(85 - 117)			SW846 6020	03/18-03/19/09	K8H881AV
	100	(85 - 117)	1.1	(0-20)	SW846 6020	03/18-03/19/09	K8H881AW
		Dilution Factor: 1					
		Analysis Time..: 04:40					
Cadmium	97	(85 - 115)			SW846 6020	03/18-03/19/09	K8H881AX
	98	(85 - 115)	1.3	(0-20)	SW846 6020	03/18-03/19/09	K8H881A0
		Dilution Factor: 1					
		Analysis Time..: 04:40					
Antimony	99	(85 - 115)			SW846 6020	03/18-03/19/09	K8H881A1
	101	(85 - 115)	2.0	(0-20)	SW846 6020	03/18-03/19/09	K8H881A2
		Dilution Factor: 1					
		Analysis Time..: 04:40					
Thallium	102	(85 - 118)			SW846 6020	03/18-03/19/09	K8H881A3
	105	(85 - 118)	2.8	(0-20)	SW846 6020	03/18-03/19/09	K8H881A4
		Dilution Factor: 1					
		Analysis Time..: 04:40					
Copper	98	(85 - 119)			SW846 6020	03/18-03/19/09	K8H881A5
	100	(85 - 119)	1.8	(0-20)	SW846 6020	03/18-03/19/09	K8H881A6
		Dilution Factor: 1					
		Analysis Time..: 04:40					
Selenium	96	(77 - 122)			SW846 6020	03/18-03/19/09	K8H881A7
	98	(77 - 122)	2.0	(0-20)	SW846 6020	03/18-03/19/09	K8H881A8
		Dilution Factor: 1					
		Analysis Time..: 04:40					
Zinc	95	(83 - 122)			SW846 6020	03/18-03/19/09	K8H881A9
	98	(83 - 122)	2.9	(0-20)	SW846 6020	03/18-03/19/09	K8H881CA
		Dilution Factor: 1					
		Analysis Time..: 04:40					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C130318 **Matrix.....:** WS
Date Sampled...: 03/11/09 09:15 **Date Received..:** 03/13/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C130318-001 **Prep Batch #...:** 9075399									
Arsenic									
	ND	40.0	39.6	ug/L	99		SW846 6020	03/18-03/19/09	K8H881AV
	ND	40.0	40.1	ug/L	100	1.1	SW846 6020	03/18-03/19/09	K8H881AW
			Dilution Factor: 1						
			Analysis Time..: 04:40						
Cadmium									
	ND	40.0	38.7	ug/L	97		SW846 6020	03/18-03/19/09	K8H881AX
	ND	40.0	39.2	ug/L	98	1.3	SW846 6020	03/18-03/19/09	K8H881A0
			Dilution Factor: 1						
			Analysis Time..: 04:40						
Antimony									
	ND	40.0	39.6	ug/L	99		SW846 6020	03/18-03/19/09	K8H881A1
	ND	40.0	40.4	ug/L	101	2.0	SW846 6020	03/18-03/19/09	K8H881A2
			Dilution Factor: 1						
			Analysis Time..: 04:40						
Thallium									
	ND	40.0	40.9	ug/L	102		SW846 6020	03/18-03/19/09	K8H881A3
	ND	40.0	42.0	ug/L	105	2.8	SW846 6020	03/18-03/19/09	K8H881A4
			Dilution Factor: 1						
			Analysis Time..: 04:40						
Copper									
	0.85	40.0	40.0	ug/L	98		SW846 6020	03/18-03/19/09	K8H881A5
	0.85	40.0	40.8	ug/L	100	1.8	SW846 6020	03/18-03/19/09	K8H881A6
			Dilution Factor: 1						
			Analysis Time..: 04:40						
Selenium									
	ND	40.0	38.5	ug/L	96		SW846 6020	03/18-03/19/09	K8H881A7
	ND	40.0	39.3	ug/L	98	2.0	SW846 6020	03/18-03/19/09	K8H881A8
			Dilution Factor: 1						
			Analysis Time..: 04:40						
Zinc									
	3.4	40.0	41.5	ug/L	95		SW846 6020	03/18-03/19/09	K8H881A9
	3.4	40.0	42.7	ug/L	98	2.9	SW846 6020	03/18-03/19/09	K8H881CA
			Dilution Factor: 1						
			Analysis Time..: 04:40						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D9C130318 **Matrix.....:** WS
Date Sampled...: 03/11/09 09:41 **Date Received..:** 03/13/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C130318-004 **Prep Batch #...:** 9075476							
Barium	99	(85 - 120)			SW846 6010B	03/17-03/19/09	K8H9K1AV
	102	(85 - 120)	2.6	(0-25)	SW846 6010B	03/17-03/19/09	K8H9K1AW
		Dilution Factor: 1					
		Analysis Time..: 00:22					
Vanadium	99	(85 - 120)			SW846 6010B	03/17-03/19/09	K8H9K1AX
	100	(85 - 120)	1.2	(0-25)	SW846 6010B	03/17-03/19/09	K8H9K1A0
		Dilution Factor: 1					
		Analysis Time..: 00:22					
Beryllium	97	(79 - 121)			SW846 6010B	03/17-03/19/09	K8H9K1A1
	100	(79 - 121)	2.6	(0-25)	SW846 6010B	03/17-03/19/09	K8H9K1A2
		Dilution Factor: 1					
		Analysis Time..: 00:22					
Silver	103	(75 - 141)			SW846 6010B	03/17-03/19/09	K8H9K1A3
	105	(75 - 141)	1.2	(0-25)	SW846 6010B	03/17-03/19/09	K8H9K1A4
		Dilution Factor: 1					
		Analysis Time..: 00:22					
Cobalt	97	(82 - 119)			SW846 6010B	03/17-03/19/09	K8H9K1A5
	98	(82 - 119)	1.5	(0-25)	SW846 6010B	03/17-03/19/09	K8H9K1A6
		Dilution Factor: 1					
		Analysis Time..: 00:22					
Chromium	99	(73 - 135)			SW846 6010B	03/17-03/19/09	K8H9K1A7
	101	(73 - 135)	1.8	(0-25)	SW846 6010B	03/17-03/19/09	K8H9K1A8
		Dilution Factor: 1					
		Analysis Time..: 00:22					
Lead	98	(89 - 121)			SW846 6010B	03/17-03/19/09	K8H9K1A9
	99	(89 - 121)	1.6	(0-25)	SW846 6010B	03/17-03/19/09	K8H9K1CA
		Dilution Factor: 1					
		Analysis Time..: 00:22					
Nickel	97	(84 - 120)			SW846 6010B	03/17-03/19/09	K8H9K1CC
	98	(84 - 120)	1.4	(0-25)	SW846 6010B	03/17-03/19/09	K8H9K1CD
		Dilution Factor: 1					
		Analysis Time..: 00:22					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C130318 **Matrix.....:** WS
Date Sampled...: 03/11/09 09:41 **Date Received..:** 03/13/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D9C130318-004 **Prep Batch #...:** 9075476									
Barium									
	33	2000	2010	ug/L	99		SW846 6010B	03/17-03/19/09	K8H9K1AV
	33	2000	2070	ug/L	102	2.6	SW846 6010B	03/17-03/19/09	K8H9K1AW
			Dilution Factor: 1						
			Analysis Time..: 00:22						
Vanadium									
	2.3	500	496	ug/L	99		SW846 6010B	03/17-03/19/09	K8H9K1AX
	2.3	500	502	ug/L	100	1.2	SW846 6010B	03/17-03/19/09	K8H9K1A0
			Dilution Factor: 1						
			Analysis Time..: 00:22						
Beryllium									
	ND	50.0	48.7	ug/L	97		SW846 6010B	03/17-03/19/09	K8H9K1A1
	ND	50.0	49.9	ug/L	100	2.6	SW846 6010B	03/17-03/19/09	K8H9K1A2
			Dilution Factor: 1						
			Analysis Time..: 00:22						
Silver									
	ND	50.0	52.4	ug/L	103		SW846 6010B	03/17-03/19/09	K8H9K1A3
	ND	50.0	53.0	ug/L	105	1.2	SW846 6010B	03/17-03/19/09	K8H9K1A4
			Dilution Factor: 1						
			Analysis Time..: 00:22						
Cobalt									
	ND	500	485	ug/L	97		SW846 6010B	03/17-03/19/09	K8H9K1A5
	ND	500	492	ug/L	98	1.5	SW846 6010B	03/17-03/19/09	K8H9K1A6
			Dilution Factor: 1						
			Analysis Time..: 00:22						
Chromium									
	0.91	200	200	ug/L	99		SW846 6010B	03/17-03/19/09	K8H9K1A7
	0.91	200	203	ug/L	101	1.8	SW846 6010B	03/17-03/19/09	K8H9K1A8
			Dilution Factor: 1						
			Analysis Time..: 00:22						
Lead									
	ND	500	488	ug/L	98		SW846 6010B	03/17-03/19/09	K8H9K1A9
	ND	500	496	ug/L	99	1.6	SW846 6010B	03/17-03/19/09	K8H9K1CA
			Dilution Factor: 1						
			Analysis Time..: 00:22						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D9C130318 **Matrix.....:** WS
Date Sampled...: 03/11/09 09:41 **Date Received..:** 03/13/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	ND	500	484	ug/L	97		SW846 6010B	03/17-03/19/09	K8H9K1CC
	ND	500	491	ug/L	98	1.4	SW846 6010B	03/17-03/19/09	K8H9K1CD

Dilution Factor: 1
Analysis Time..: 00:22

NOTE(S):

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

Chain of Custody Record

Sampler ID _____

Temperature on Receipt 1.2°C 3/13/09

Drinking Water? Yes ☐ No ☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124-280 (0508)

Client	Project Manager	Date	Chain of Custody Number
VM	AL LACSAMANA	3-12-09	106541
Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 1
City / State / Zip Code	Site Contact	Lab Contact: Betsy Sart	
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	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	VOA	Metals (67)
S01	3-11	0915		X					1	3			3	1
S02	3-11	1001		X					1	3			3	1
S03	3-11	0930		X					1	3			3	1
S04	3-11	0941		X					1	3			3	1
S05	3-11	0858		X					1	3			3	1
TRIP	3-11	—		X						✓			✓	

Analysis (Attach list if more space is needed)

Special Instructions/ Conditions of Receipt

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	3-12-09	1200	1. Received By	3/13/09	0930
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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: 501 (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: -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
03/11/09	—	—	—	—	—

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: —
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)	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)
09:15	NA 1st	7.09 1st	89	12.4	1.1	5.4		
	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 ____
03/11/09	7.09	89	12.4	1.1	5.4		

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: ____ Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: overcast Precipitation: Y or (N)

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

09:15

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
3/11/09	DAN ARMOUR	[signature]	PRO-TECH
__/__/__			

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

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: -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
03/11/09	1001				

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)	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)
1001	NA	1st 7.22	1st 72	12.9	5.6	5.6		
		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
03/11/09	7.22	72	12.9	5.6	5.6		

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: Color: NONE Other: NO Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: OVERCAST Precipitation: Y or (N)

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

1001

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
3/11/09	DAN ARMOUR		PRO-TECH
/ /			

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

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
03/11/09					

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: —
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)	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)
0930	NA 1st	7.24 1st	72 1st	12.1	149	5.4		
	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 ____
03/11/09	7.24	72	12.1	149	5.4		

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: ____ Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: OVERCAST Precipitation: Y or (N)

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

0930

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
3/11/09	DAN ARMOUR	[signature]	PRO-TECH

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT

Site No.:

Sample Point: S04 (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
03/11/09	0941				

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 (N circled)

Filter Device: Y or N (N circled) 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)	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)
0941	NA	1st 7.26	1st 77	13.3	156	52		
		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 ____
03/11/09	7.26	77	13.3	156	52		

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: SLT. CLOUDY Odor: ____ Color: LT. TAN Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: OVERCAST Precipitation: Y or N (N circled)

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

FIELD COMMENTS

0941

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
3/11/09	DAN ARMOUR	[signature]	PRO-TECH

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

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: -0025

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
031109	—	—	—	—	—

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 (circled) or N

Filter Device: Y or N (circled) 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)
08:58	NA	1st 6.92	1st 87	13.6	8.7	5.2		
		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 ____
031109	6.92	87	13.6	8.7	5.2		

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: ____ Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: OVERCAST Precipitation: Y or N (circled)

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

0858

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
3/11/09	DAN ARMOUR	[signature]	PRO-TECH
__/__/__			

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