RCO 2174

Prepared For:

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

WASTE MANAGEMENT

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

March 2007

Prepared By:

JOYCE ENGINEERING, INC

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

DENR USE ONLY: ☑ Paper Report ☑ Electronic Data - Email CD (data loaded: Yes / No) Doc/Event #: RCO 2174

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

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

Instructions:

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

Solid Waste Monitoring Data Submittal Information

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

Waste Management of Carolinas, Inc.

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

Name: Van Burbach, Joyce Engineering, Inc. 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 Road Kernersville, North Carolina	34-06	.1600	January 22 - 24, 2007

Environmental Status: (Check all that apply)

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

Type of data submitted: (Check all that apply)

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

Notification attached?

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

Certification

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

Mark R. Snyder, PE — Project Manager, Closed Sites — (770) 805-3529

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

Signature — 3/19/07 Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

Revised 01/2007

RC02174

WASTE MANAGEMENT

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

March 19, 2007

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

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

Dear Mr. Poindexter:

Please find enclosed one (1) original copy of a report documenting the *First Semiannual Detection and Assessment Groundwater Monitoring Event for 2007* at the above referenced facility. Samples were collected by Joyce Engineering, Inc. on January 22 - 24, 2007, and subsequently transported to the Severn Trent Services laboratory in Denver, Colorado for analyses.

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

It should be noted that this monitoring event is the first reported after the North Carolina Solid Waste Reporting Limits (SWRL) became effective on December 1, 2006. All analytical work was completed prior to the Solid Waste Section (Section) issuing its February 23, 2007, addendum to the October 27, 2006, guidance. Hence, this report references nomenclature in effect at the time of sampling. Furthermore, the analytical reports have been prepared in accordance with Waste Management comments dated December 1, 2006, and the Section's response to those comments dated December 27, 2006.

The next sampling event at the Piedmont Landfill and Recycling Center is scheduled for the month of July 2007. If you have any questions regarding the contents of this report or require additional information, please contact me at (770) 805-3529.

Sincerely,

Waste Management of Carolinas, Inc.

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

enclosure

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

DENR USE ONLY: ☑ Paper Report ☑ Electronic Data - Email CD (data loaded: Yes / No) Doc/Event #: RCO 2174

NC DENR
Division of Waste Management - Solid Waste

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Name: Van Burbach, Joyce Engineering, Inc. 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)
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☒ Groundwater monitoring data from monitoring wells
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Mark R. Snyder, PE — Project Manager, Closed Sites — (770) 805-3529

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

Signature — 3/19/07 Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

Revised 01/2007

RC02174

WASTE MANAGEMENT

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

March 19, 2007

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

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

Dear Mr. Poindexter:

Please find enclosed one (1) original copy of a report documenting the *First Semiannual Detection and Assessment Groundwater Monitoring Event for 2007* at the above referenced facility. Samples were collected by Joyce Engineering, Inc. on January 22 - 24, 2007, and subsequently transported to the Severn Trent Services laboratory in Denver, Colorado for analyses.

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

It should be noted that this monitoring event is the first reported after the North Carolina Solid Waste Reporting Limits (SWRL) became effective on December 1, 2006. All analytical work was completed prior to the Solid Waste Section (Section) issuing its February 23, 2007, addendum to the October 27, 2006, guidance. Hence, this report references nomenclature in effect at the time of sampling. Furthermore, the analytical reports have been prepared in accordance with Waste Management comments dated December 1, 2006, and the Section's response to those comments dated December 27, 2006.

The next sampling event at the Piedmont Landfill and Recycling Center is scheduled for the month of July 2007. If you have any questions regarding the contents of this report or require additional information, please contact me at (770) 805-3529.

Sincerely,

Waste Management of Carolinas, Inc.

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

enclosure

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

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

March 2007

Prepared by:

JOYCE ENGINEERING, INC.

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

Prepared by: _____
Daniel S. Girdner

NORTH CAROLINA LICENSED SEAL 1349 GEOLOGIST G. VAN NESS BURBACH

Supervised & Reviewed by: _____
G. Van Ness Burbach, Ph.D., P.G.
NC License # 1349

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

March 16, 2007

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

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

Dear Mark,

The purpose of this report is to provide you with a complete submittal to satisfy the groundwater monitoring compliance requirements for the closed Piedmont Landfill and Recycling Center's first semiannual groundwater sampling event of 2007 that was performed on January 22-24, 2007. During the first semiannual event of 2007, all of the site compliance wells and the five surface water monitoring points were sampled and analyzed for the NC Appendix I list of constituents. The site leachate point was also sampled during this event for the required list of parameters. The laboratory analytical reports, field data sheets, and chains of custody are provided as *Appendix 1* of this letter report.

The site entered into an Assessment Monitoring Program for background wells MW-1 and MW-6, and downgradient well MW-9R after volatile organic constituents were detected in MW-9R during the second semiannual event of 1996. Per approval received from the North Carolina Department of Environment and Natural Resources (NC DENR), all wells at the site reverted to the Detection Monitoring Program as of the second semiannual event in 1999, as allowed by 15A NCAC 13B.1634 (b). Due to a subsequent detection of 1,1-dichloroethane in MW-9R during the first semiannual event in 2000, the site performed Assessment Monitoring on wells MW-1, MW-6, and MW-9R through the second semiannual event of 2001. Following NC DENR approval of an August 20, 2001, request by Waste Management, MW-1 and MW-6 again reverted to Detection Monitoring. Monitoring well MW-9R will continue to be sampled for the NC Appendix I list of constituents during the first semiannual event and NC Appendix II list of constituents during the second semiannual event as long as statistically significant increases continue to be present.

STATISTICAL ANALYSIS SUMMARY

The results of the statistical analysis of the January 2007 groundwater sampling event are summarized below and in *Table 1*. The detailed statistical analysis for this event is provided as *Appendix 2*. The data for each inorganic parameter were statistically compared to historical data for each well utilizing an intrawell approach, in accordance with the facility's statistical analysis plan, EPA guidance document ("*Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Addendum to Interim Final Guidance*" July 1992) and ASTM standard D6312-98 ("*Standard Guide for Developing Appropriate Statistical Approaches for Ground-Water Detection Monitoring Programs*"). Statistical analyses for inorganic constituents were completed using the combined Shewhart-CUSUM control chart method. Organic constituents were directly compared to North Carolina 2L (NC 2L) Drinking Water Standards and/or practical quantitation limits (PQLs = laboratory reporting limits).

Detection Monitoring Event

MW01, MW02, MW03, MW04, MW05, MW06, MW07, MW08, MW10, MW11, MW12, MW04D, MW11D, MW12D and Surface Water Sampling Points:

During the January 2007 event, fourteen detection monitoring wells and five surface water points were sampled for the NC Appendix I list of constituents. The analytical results for the detection monitoring wells are provided in *Appendix 1-Part 1* and the surface water results are provided in *Appendix 1-Part 2* of this report. The detected NC Appendix I constituents are summarized in *Table 1*.

This monitoring event is the first reported after the North Carolina Solid Waste Reporting Limits (SWRL) became effective on December 1, 2006. It should be noted that all analytical work was completed prior to the Solid Waste Section (Section) issuing its February 23, 2007, addendum to the October 27, 2006, guidance. Hence, this report references nomenclature in effect at the time of sampling. Furthermore, the analytical reports have been prepared in accordance with Waste Management comments dated December 1, 2006, and the Section's response to those comments dated December 27, 2006. Detections below the SWRL are included in the laboratory analytical reports in accordance with Section guidance; however, detections below the SWRL are not considered statistically significant and are not discussed in the body of this report.

Inorganic Constituents

Three inorganic constituents were detected in at least one downgradient monitoring well during the January 2007 semiannual sampling event. The inorganic constituent barium was detected at the SWRL in MW08, and above the SWRL in MW02, but both are below the NC 2L Groundwater Standard (15A NCAC 2L.0202). Chromium was detected above the SWRL in

MW03 at a concentration below the NC 2L Standard. Zinc was detected above the SWRL in MW12 at a concentration below the NC 2L Standard. No other inorganic constituents were reported to be present during the January 2007 groundwater sampling event in the detection monitoring wells.

Five surface water points were also analyzed during the January 2007 event. No inorganic constituents were detected above the SWRL in the surface water samples during the January 2007 event.

As described in the statistical report presented as *Appendix 2*, intra-well statistics were used to analyze the data collected during the January 2007 sampling event in accordance with the site's statistical analysis plan. There were no control limit exceedances noted for the January 2007 event.

Organic Constituents

No organic constituents were detected above the SWRL in any of the detection monitoring wells or surface water samples during the January 2007 sampling event.

Assessment Monitoring Event

MW 09R:

During the first semiannual event of 2007, MW09R was sampled for the NC Appendix I list of constituents. The analytical results for the January 2007 event are provided in *Appendix 1-Part 1* to this letter report. The detected NC Appendix I constituents are summarized in *Table 1*.

Inorganic Constituents

Zinc was the only inorganic constituent detected in MW09R above the SWRL during the first semiannual event for 2007, but it was at a concentration below the NC 2L Standard.

Organic Constituents

An organic constituent, 1,1-dichloroethane, was detected above the SWRL in well MW09R during this event, but at a concentration below the respective NC 2L Standard, which is consistent with historical results. This well will continue to be monitored in accordance to the Assessment Monitoring Program in future events. The historical results are discussed in detail below.

Monitoring well MW09R was installed in November 1999 to replace MW-9. Following is a discussion of apparent trends for three constituents (chloroethane, 1,1-dichloroethane, and cis-1,2-dichloroethene) in these two wells.

Chloroethane was initially observed in MW-9; however, concentrations exhibited a declining trend to the point where cholorethane was reported at less than the laboratory reporting limit during the January 1998 sampling event. Chloroethane concentrations in replacement well MW09R have been reported at less than the laboratory reporting limit since the well was installed in 1999. The reduction of chloroethane is attributed to the landfill gas extraction system withdrawing the landfill gas from the vadose zone surrounding MW09R.

The concentration of 1,1-dichloroethane in MW-9 decreased below the laboratory reporting limit during the July 1998 sampling event; however, 1,1-dichloroethane was detected in replacement well MW09R at a concentration of 23 μg/L during the initial sampling event conducted in January 2000. The concentration has ranged from 7 μg/L to 28 μg/L between January 2000 and July 2005. 1,1-dichloroethane concentrations in MW09R appear to now be decreasing, having dropped from 12 μg/L in January 2006 to 6.1 μg/L in January 2007.

The constituent cis-1,2-dichloroethene in MW09R was detected above the laboratory reporting limit for the first time during the July 2002 event at a concentration of 6.5 μg/L. Cis-1,2-dichloroethene has been detected during two sampling events since that time and was not detected in MW09R during the January 2007 monitoring event.

The presence of these organic compounds has been attributed to landfill gas, based on the historical data for these wells. The landfill gas network was expanded in this area in January 2003, and the concentrations of organic constituents in MW09R are expected to decrease over time as a result. Laboratory results confirm an apparent decrease in the concentrations of organic constituents in MW09R over time.

SUBMITTAL OF LEACHATE ANALYTICAL DATA

Appendix 1-Part 3 to this report contains the leachate monitoring results for January 2007 as requested in the Solid Waste Section memo dated November 13, 1996. The leachate was analyzed for NC Appendix I constituents, alkalinity, carbonate alkalinity, bicarbonate alkalinity, TDS, TOC, chloride, ammonia, sulfate, nitrate, phosphate, BOD, COD, TSS, mercury, indicator metals (calcium, iron, magnesium, manganese, sodium, and potassium), and the required field parameters.

SUBMITTAL OF GROUNDWATER MAP AND FLOW CALCULATIONS

Appendix 3 to this report contains the groundwater surface contour map and groundwater flow rates for this event. In summary, the January 2007 sampling results and groundwater flow assessment indicate that the site monitoring network is effective in monitoring for the release of solid waste constituents to the environment.

The site will continue to be monitored in accordance with the site's modified Assessment Monitoring Program. The next scheduled sampling event for the closed Piedmont Landfill and Recycling Center is in July 2007. If you have any questions, feel free to contact me at (336) 323-0092.

Sincerely,
JOYCE ENGINEERING, INC.

G. Van Ness Burbach, Ph.D., P.G.
Senior Project Consultant

Attachments: Table 1 – Summary of Detected Constituents
Appendix 1 – Laboratory Analytical Results
Appendix 2 – Results of Groundwater Statistics
Appendix 3 – Groundwater Flow Regime Report

C: JEI File

P:\WM\Piedmont Landfill\Environmental\Piedmont 2007\392.00.64 Groundwater Reporting\January 2007\2007 JAN Piedmont Report.doc

TABLE

TABLE 1

Piedmont Landfill and Recyling Center
SUMMARY OF DETECTED CONSTITUENTS
IN GROUNDWATER AND SURFACEWATER SAMPLES
January 2007

Parameter [NC 2L in µg/L]	SWRL	MW02	MW03	MW08	MW09R	MW12	Blanks
Barium [2000]	100	130	ND	100	ND	ND	ND
Chromium [50]	10	ND	11	ND	ND	ND	ND
Zinc [1050]	10	ND	ND	ND	35	24	ND
1,1-dichloroethane [700]	5	ND	ND	ND	6.1	ND	ND

Notes:

1. SWRL = Solid Waste Reporting Limit.
2. ND = not detected above SWRL.
3. Blanks represent both field and trip blank results.
4. All concentrations are in micrograms per liter (µg/L).

APPENDIX 1 – PART 1

LABORATORY ANALYTICAL RESULTS

Groundwater Monitoring Wells

(MW01, MW02, MW03, MW04, MW05, MW06, MW07, MW08, MW09R, MW10, MW11, MW12R, MW13R, MW14R)

SEVERN TRENT STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Project No. Site 134

Piedmont Landfill

Lot #: D7A250326

Groundwater

Mark Snyder

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

Cc: Van Burbach

Severn Trent Laboratories, Inc./STL DENVER
North Carolina Certification # 358

Betsy Sara
Project Manager

February 7, 2007

RECEIVED FEB 08 2007

Table Of Contents

Standard Deliverables

Report Contents	Total Number of Pages
Standard Deliverables *The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	119

- **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 STL Denver on January 25, 2007. The results included in this report have been reviewed for compliance with STL's Laboratory Quality Manual. The test results shown in this report meet all requirements of NELAC and any exceptions are noted below. STL Denver is NELAP approved for all parameters reported. STL's North Carolina certification number is 358.

This report may include reporting limits (RLs) less than STL 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.

STL 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 D7A250326

Sample Receiving

The cooler temperatures upon receipt at the Denver laboratory were 1.9°C and 2.2°C.

All sample bottles were received in acceptable condition.

Holding Times

All holding times were within established control limits.

Method Blanks

All 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)

All MS/MSD samples were within established control limits.

Lot #: D7A250326

Organics

Due to the presence of residual chlorine, the samples 3406-MW12, 3406-MW12D, 3406-01FB, and 3406-TRIP BLANK were preserved with 10% sodium thiosulfate at the time of Method 8260B analysis.

EXECUTIVE SUMMARY - Detection Highlights

D7A250326

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
3406-MW02 01/23/07 14:26 002				
Barium	[redacted]	100	ug/L	SW846 6010B
3406-MW03 01/24/07 10:07 003				
Chromium	[redacted]	10	ug/L	SW846 6010B
3406-MW08 01/23/07 11:39 009				
Thallium	[redacted]	1.0	ug/L	SW846 6020
Barium	[redacted]	100	ug/L	SW846 6010B
3406-MW09R 01/24/07 10:59 010				
Thallium	[redacted]	1.0	ug/L	SW846 6020
Zinc	[redacted]	20	ug/L	SW846 6010B
1,1-Dichloroethane	[redacted]	5.0	ug/L	SW846 8260B
3406-MW12 01/22/07 15:50 014				
Thallium	[redacted]	1.0	ug/L	SW846 6020
Zinc	[redacted]	20	ug/L	SW846 6010B

PREPARATION METHODS SUMMARY

D7A250326

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

References:

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

ANALYTICAL METHODS SUMMARY

D7A250326

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

References:

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

METHOD / ANALYST SUMMARY

D7A250326

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 6010B	Lynn-Anne Trudell	6645
SW846 6020	Thomas Lill	6929
SW846 8260B	Greg Meier	006004

References:

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

SAMPLE SUMMARY

D7A250326

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JNEGR	001	3406-MW01	01/23/07	10:28
JNEGV	002	3406-MW02	01/23/07	14:26
JNEGW	003	3406-MW03	01/24/07	10:07
JNEGX	004	3406-MW04	01/22/07	13:48
JNEG1	005	3406-MW04D	01/23/07	08:40
JNEG2	006	3406-MW05	01/23/07	12:44
JNEG3	007	3406-MW06	01/23/07	09:38
JNEG4	008	3406-MW07	01/24/07	09:22
JNEG5	009	3406-MW08	01/23/07	11:39
JNEG7	010	3406-MW09R	01/24/07	10:59
JNEG8	011	3406-MW10	01/23/07	16:45
JNEG9	012	3406-MW11	01/23/07	16:05
JNEHA	013	3406-MW11D	01/23/07	15:31
JNEHC	014	3406-MW12	01/22/07	15:50
JNEHD	015	3406-MW12D	01/22/07	16:42
JNEHE	016	3406-01FB	01/24/07	14:10
JNEHF	017	3406-TRIP BLANK	01/24/07	

NOTE(S):

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

Waste Management, Inc.

Client Sample ID: 3406-MW01

GC/MS Volatiles

Lot-Sample #...: D7A250326-001 **Work Order #...:** JNEGR1AA **Matrix.....:** WATER
Date Sampled...: 01/23/07 10:28 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 11:42
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	ND	5.5	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 3406-MW01

GC/MS Volatiles

Lot-Sample #...: D7A250326-001 **Work Order #...:** JNEGR1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(79 - 119)
1,2-Dichloroethane-d4	101	(65 - 126)
4-Bromofluorobenzene	102	(75 - 115)
Toluene-d8	104	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW02

GC/MS Volatiles

Lot-Sample #...: D7A250326-002 **Work Order #...:** JNEGV1AA **Matrix.....:** WATER
Date Sampled...: 01/23/07 14:26 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 12:38
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	ND	5.5	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: 3406-MW02

GC/MS Volatiles

Lot-Sample #...: D7A250326-002 **Work Order #...:** JNEGV1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(79 - 119)
1,2-Dichloroethane-d4	104	(65 - 126)
4-Bromofluorobenzene	108	(75 - 115)
Toluene-d8	102	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW03

GC/MS Volatiles

Lot-Sample #...: D7A250326-003 **Work Order #...:** JNEGW1AA **Matrix.....:** WATER
Date Sampled...: 01/24/07 10:07 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 12:57
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	ND	5.5	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 3406-MW03

GC/MS Volatiles

Lot-Sample #...: D7A250326-003 **Work Order #...:** JNEGW1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(79 - 119)
1,2-Dichloroethane-d4	105	(65 - 126)
4-Bromofluorobenzene	106	(75 - 115)
Toluene-d8	104	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW04

GC/MS Volatiles

Lot-Sample #...: D7A250326-004 **Work Order #...:** JNEGX1AA **Matrix.....:** WATER
Date Sampled...: 01/22/07 13:48 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 13:15
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	ND	5.5	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 3406-MW04

GC/MS Volatiles

Lot-Sample #...: D7A250326-004 **Work Order #...:** JNEGX1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(79 - 119)
1,2-Dichloroethane-d4	105	(65 - 126)
4-Bromofluorobenzene	104	(75 - 115)
Toluene-d8	103	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW04D

GC/MS Volatiles

Lot-Sample #...: D7A250326-005 **Work Order #...:** JNEG11AA **Matrix.....:** WATER
Date Sampled...: 01/23/07 08:40 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 13:34
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	ND	5.5	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 3406-MW04D

GC/MS Volatiles

Lot-Sample #...: D7A250326-005 **Work Order #...:** JNEG11AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(79 - 119)
1,2-Dichloroethane-d4	105	(65 - 126)
4-Bromofluorobenzene	102	(75 - 115)
Toluene-d8	102	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW05

GC/MS Volatiles

Lot-Sample #...: D7A250326-006 Work Order #...: JNEG21AA Matrix.....: WATER
Date Sampled...: 01/23/07 12:44 Date Received..: 01/25/07
Prep Date.....: 02/02/07 Analysis Date..: 02/02/07
Prep Batch #...: 7036062 Analysis Time..: 13:53
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	ND	5.5	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 3406-MW05

GC/MS Volatiles

Lot-Sample #...: D7A250326-006 **Work Order #...:** JNEG21AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(79 - 119)
1,2-Dichloroethane-d4	103	(65 - 126)
4-Bromofluorobenzene	101	(75 - 115)
Toluene-d8	105	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW06

GC/MS Volatiles

Lot-Sample #...: D7A250326-007 **Work Order #...:** JNEG31AA **Matrix.....:** WATER
Date Sampled...: 01/23/07 09:38 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 14:12
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	ND	5.5	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 3406-MW06

GC/MS Volatiles

Lot-Sample #...: D7A250326-007 **Work Order #...:** JNEG31AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(79 - 119)
1,2-Dichloroethane-d4	105	(65 - 126)
4-Bromofluorobenzene	101	(75 - 115)
Toluene-d8	102	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW07

GC/MS Volatiles

Lot-Sample #...: D7A250326-008 **Work Order #...:** JNEG41AA **Matrix.....:** WATER
Date Sampled...: 01/24/07 09:22 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 14:30
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	ND	5.5	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: 3406-MW07

GC/MS Volatiles

Lot-Sample #...: D7A250326-008 **Work Order #...:** JNEG41AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(79 - 119)
1,2-Dichloroethane-d4	104	(65 - 126)
4-Bromofluorobenzene	105	(75 - 115)
Toluene-d8	102	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW08

GC/MS Volatiles

Lot-Sample #...: D7A250326-009 **Work Order #...:** JNEG51AA **Matrix.....:** WATER
Date Sampled...: 01/23/07 11:39 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 14:49
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	ND	5.5	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: 3406-MW08

GC/MS Volatiles

Lot-Sample #...: D7A250326-009 **Work Order #...:** JNEG51AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(79 - 119)
1,2-Dichloroethane-d4	102	(65 - 126)
4-Bromofluorobenzene	102	(75 - 115)
Toluene-d8	106	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW09R

GC/MS Volatiles

Lot-Sample #...: D7A250326-010 **Work Order #...:** JNEG71AA **Matrix.....:** WATER
Date Sampled...: 01/24/07 10:59 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 15:08
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	**6.1**	**5.0**	**ug/L**
1,2-Dichloroethane	ND	3.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	ND	5.5	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: 3406-MW09R

GC/MS Volatiles

Lot-Sample #...: D7A250326-010 **Work Order #...:** JNEG71AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(79 - 119)
1,2-Dichloroethane-d4	105	(65 - 126)
4-Bromofluorobenzene	105	(75 - 115)
Toluene-d8	103	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW10

GC/MS Volatiles

Lot-Sample #...: D7A250326-011 **Work Order #...:** JNEG81AA **Matrix.....:** WATER
Date Sampled...: 01/23/07 16:45 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 15:26
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	ND	5.5	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: 3406-MW10

GC/MS Volatiles

Lot-Sample #...: D7A250326-011 **Work Order #...:** JNEG81AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(79 - 119)
1,2-Dichloroethane-d4	102	(65 - 126)
4-Bromofluorobenzene	102	(75 - 115)
Toluene-d8	106	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW11

GC/MS Volatiles

Lot-Sample #...: D7A250326-012 **Work Order #...:** JNEG91AA **Matrix.....:** WATER
Date Sampled...: 01/23/07 16:05 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 16:23
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	ND	5.5	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: 3406-MW11

GC/MS Volatiles

Lot-Sample #...: D7A250326-012 **Work Order #...:** JNEG91AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(79 - 119)
1,2-Dichloroethane-d4	104	(65 - 126)
4-Bromofluorobenzene	103	(75 - 115)
Toluene-d8	105	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW11D

GC/MS Volatiles

Lot-Sample #...: D7A250326-013 **Work Order #...:** JNEHA1AA **Matrix.....:** WATER
Date Sampled...: 01/23/07 15:31 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 16:41
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	ND	5.5	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: 3406-MW11D

GC/MS Volatiles

Lot-Sample #...: D7A250326-013 **Work Order #...:** JNEHA1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(79 - 119)
1,2-Dichloroethane-d4	101	(65 - 126)
4-Bromofluorobenzene	101	(75 - 115)
Toluene-d8	109	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW12

GC/MS Volatiles

Lot-Sample #...: D7A250326-014 **Work Order #...:** JNEHC1AA **Matrix.....:** WATER
Date Sampled...: 01/22/07 15:50 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 17:00
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	ND	5.5	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: 3406-MW12

GC/MS Volatiles

Lot-Sample #...: D7A250326-014 **Work Order #...:** JNEHC1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(79 - 119)
1,2-Dichloroethane-d4	103	(65 - 126)
4-Bromofluorobenzene	105	(75 - 115)
Toluene-d8	107	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW12D

GC/MS Volatiles

Lot-Sample #...: D7A250326-015 **Work Order #...:** JNEHD1AA **Matrix.....:** WATER
Date Sampled...: 01/22/07 16:42 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 17:19
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	ND	5.5	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: 3406-MW12D

GC/MS Volatiles

Lot-Sample #...: D7A250326-015 **Work Order #...:** JNEHD1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(79 - 119)
1,2-Dichloroethane-d4	103	(65 - 126)
4-Bromofluorobenzene	107	(75 - 115)
Toluene-d8	106	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-01FB

GC/MS Volatiles

Lot-Sample #...: D7A250326-016 **Work Order #...:** JNEHE1AA **Matrix.....:** WATER
Date Sampled...: 01/24/07 14:10 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 17:38
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	ND	5.5	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: 3406-01FB

GC/MS Volatiles

Lot-Sample #...: D7A250326-016 **Work Order #...:** JNEHE1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	107	(79 - 119)
1,2-Dichloroethane-d4	106	(65 - 126)
4-Bromofluorobenzene	103	(75 - 115)
Toluene-d8	103	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D7A250326-017 **Work Order #...:** JNEHF1AA **Matrix.....:** WATER
Date Sampled...: 01/24/07 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 17:56
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	ND	5.5	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: 3406-TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D7A250326-017 **Work Order #...:** JNEHF1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(79 - 119)
1,2-Dichloroethane-d4	105	(65 - 126)
4-Bromofluorobenzene	104	(75 - 115)
Toluene-d8	103	(78 - 118)

Waste Management, Inc.

Client Sample ID: 3406-MW01

TOTAL Metals

Lot-Sample #...: D7A250326-001 **Matrix.....:** WATER
Date Sampled...: 01/23/07 10:28 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7030471						
Arsenic	ND	5.0	ug/L	SW846 6020	01/31-02/01/07	JNEGR1AR
		Dilution Factor: 1		Analysis Time..: 19:53		
Beryllium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEGR1AT
		Dilution Factor: 1		Analysis Time..: 19:53		
Antimony	ND	2.0	ug/L	SW846 6020	01/31-02/01/07	JNEGR1AV
		Dilution Factor: 1		Analysis Time..: 19:53		
Cadmium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEGR1AU
		Dilution Factor: 1		Analysis Time..: 19:53		
Thallium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEGR1AW
		Dilution Factor: 1		Analysis Time..: 19:53		
Prep Batch #...: 7030480						
Barium	ND	100	ug/L	SW846 6010B	01/31-02/01/07	JNEGR1AD
		Dilution Factor: 1		Analysis Time..: 01:26		
Chromium	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEGR1AE
		Dilution Factor: 1		Analysis Time..: 01:26		
Copper	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEGR1AF
		Dilution Factor: 1		Analysis Time..: 01:26		
Nickel	ND	50	ug/L	SW846 6010B	01/31-02/01/07	JNEGR1AG
		Dilution Factor: 1		Analysis Time..: 01:26		
Lead	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEGR1AH
		Dilution Factor: 1		Analysis Time..: 01:26		
Selenium	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEGR1AK
		Dilution Factor: 1		Analysis Time..: 01:26		
Vanadium	ND	25	ug/L	SW846 6010B	01/31-02/01/07	JNEGR1AM
		Dilution Factor: 1		Analysis Time..: 01:26		
Zinc	ND	20	ug/L	SW846 6010B	01/31-02/01/07	JNEGR1AN
		Dilution Factor: 1		Analysis Time..: 01:26		

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Waste Management, Inc.

Client Sample ID: 3406-MW01

TOTAL Metals

Lot-Sample #...: D7A250326-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEGR1AP
		Dilution Factor: 1		Analysis Time..: 01:26		
Cobalt	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEGR1AQ
		Dilution Factor: 1		Analysis Time..: 01:26		

Waste Management, Inc.

Client Sample ID: 3406-MW02

TOTAL Metals

Lot-Sample #...: D7A250326-002
Date Sampled...: 01/23/07 14:26 **Date Received..:** 01/25/07
Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7030471						
Arsenic	ND	5.0	ug/L	SW846 6020	01/31-02/01/07	JNEGV1AR
		Dilution Factor: 1		Analysis Time..: 19:57		
Beryllium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEGV1AT
		Dilution Factor: 1		Analysis Time..: 19:57		
Antimony	ND	2.0	ug/L	SW846 6020	01/31-02/01/07	JNEGV1AV
		Dilution Factor: 1		Analysis Time..: 19:57		
Cadmium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEGV1AU
		Dilution Factor: 1		Analysis Time..: 19:57		
Thallium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEGV1AW
		Dilution Factor: 1		Analysis Time..: 19:57		
Prep Batch #...: 7030480						
Barium	**130**	**100**	**ug/L**	**SW846 6010B**	**01/31-02/01/07**	**JNEGV1AD**
		Dilution Factor: 1		Analysis Time..: 01:46		
Chromium	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEGV1AE
		Dilution Factor: 1		Analysis Time..: 01:46		
Copper	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEGV1AF
		Dilution Factor: 1		Analysis Time..: 01:46		
Nickel	ND	50	ug/L	SW846 6010B	01/31-02/01/07	JNEGV1AG
		Dilution Factor: 1		Analysis Time..: 01:46		
Lead	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEGV1AH
		Dilution Factor: 1		Analysis Time..: 01:46		
Selenium	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEGV1AK
		Dilution Factor: 1		Analysis Time..: 01:46		
Vanadium	ND	25	ug/L	SW846 6010B	01/31-02/01/07	JNEGV1AM
		Dilution Factor: 1		Analysis Time..: 01:46		
Zinc	ND	20	ug/L	SW846 6010B	01/31-02/01/07	JNEGV1AN
		Dilution Factor: 1		Analysis Time..: 01:46		

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Waste Management, Inc.

Client Sample ID: 3406-MW02

TOTAL Metals

Lot-Sample #...: D7A250326-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEGV1AP
		Dilution Factor: 1		Analysis Time..: 01:46		
Cobalt	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEGV1AQ
		Dilution Factor: 1		Analysis Time..: 01:46		

Waste Management, Inc.

Client Sample ID: 3406-MW03

TOTAL Metals

Lot-Sample #...: D7A250326-003 **Matrix.....:** WATER
Date Sampled...: 01/24/07 10:07 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7030471						
Arsenic	ND	5.0	ug/L	SW846 6020	01/31-02/01/07	JNEGW1AR
		Dilution Factor: 1		Analysis Time..: 20:22		
Beryllium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEGW1AT
		Dilution Factor: 1		Analysis Time..: 20:22		
Antimony	ND	2.0	ug/L	SW846 6020	01/31-02/01/07	JNEGW1AV
		Dilution Factor: 1		Analysis Time..: 20:22		
Cadmium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEGW1AU
		Dilution Factor: 1		Analysis Time..: 20:22		
Thallium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEGW1AW
		Dilution Factor: 1		Analysis Time..: 20:22		
Prep Batch #...: 7030480						
Barium	ND	100	ug/L	SW846 6010B	01/31-02/01/07	JNEGW1AD
		Dilution Factor: 1		Analysis Time..: 01:51		
Chromium	**11**	**10**	**ug/L**	**SW846 6010B**	**01/31-02/01/07**	**JNEGW1AE**
		Dilution Factor: 1		Analysis Time..: 01:51		
Copper	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEGW1AF
		Dilution Factor: 1		Analysis Time..: 01:51		
Nickel	ND	50	ug/L	SW846 6010B	01/31-02/01/07	JNEGW1AG
		Dilution Factor: 1		Analysis Time..: 01:51		
Lead	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEGW1AH
		Dilution Factor: 1		Analysis Time..: 01:51		
Selenium	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEGW1AK
		Dilution Factor: 1		Analysis Time..: 01:51		
Vanadium	ND	25	ug/L	SW846 6010B	01/31-02/01/07	JNEGW1AM
		Dilution Factor: 1		Analysis Time..: 01:51		
Zinc	ND	20	ug/L	SW846 6010B	01/31-02/01/07	JNEGW1AN
		Dilution Factor: 1		Analysis Time..: 01:51		

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Waste Management, Inc.

Client Sample ID: 3406-MW03

TOTAL Metals

Lot-Sample #...: D7A250326-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEGW1AP
		Dilution Factor: 1		Analysis Time..: 01:51		
Cobalt	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEGW1AQ
		Dilution Factor: 1		Analysis Time..: 01:51		

Waste Management, Inc.

Client Sample ID: 3406-MW04

TOTAL Metals

Lot-Sample #...: D7A250326-004 **Matrix.....:** WATER
Date Sampled...: 01/22/07 13:48 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7030471						
Arsenic	ND	5.0	ug/L	SW846 6020	01/31-02/01/07	JNEGX1AR
		Dilution Factor: 1		Analysis Time..: 20:26		
Beryllium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEGX1AT
		Dilution Factor: 1		Analysis Time..: 20:26		
Antimony	ND	2.0	ug/L	SW846 6020	01/31-02/01/07	JNEGX1AV
		Dilution Factor: 1		Analysis Time..: 20:26		
Cadmium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEGX1AU
		Dilution Factor: 1		Analysis Time..: 20:26		
Thallium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEGX1AW
		Dilution Factor: 1		Analysis Time..: 20:26		
Prep Batch #...: 7030480						
Barium	ND	100	ug/L	SW846 6010B	01/31-02/01/07	JNEGX1AD
		Dilution Factor: 1		Analysis Time..: 02:16		
Chromium	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEGX1AE
		Dilution Factor: 1		Analysis Time..: 02:16		
Copper	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEGX1AF
		Dilution Factor: 1		Analysis Time..: 02:16		
Nickel	ND	50	ug/L	SW846 6010B	01/31-02/01/07	JNEGX1AG
		Dilution Factor: 1		Analysis Time..: 02:16		
Lead	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEGX1AH
		Dilution Factor: 1		Analysis Time..: 02:16		
Selenium	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEGX1AK
		Dilution Factor: 1		Analysis Time..: 02:16		
Vanadium	ND	25	ug/L	SW846 6010B	01/31-02/01/07	JNEGX1AM
		Dilution Factor: 1		Analysis Time..: 02:16		
Zinc	ND	20	ug/L	SW846 6010B	01/31-02/01/07	JNEGX1AN
		Dilution Factor: 1		Analysis Time..: 02:16		

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Waste Management, Inc.

Client Sample ID: 3406-MW04

TOTAL Metals

Lot-Sample #...: D7A250326-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEGX1AP
		Dilution Factor: 1		Analysis Time..: 02:16		
Cobalt	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEGX1AQ
		Dilution Factor: 1		Analysis Time..: 02:16		

Waste Management, Inc.

Client Sample ID: 3406-MW04D

TOTAL Metals

Lot-Sample #...: D7A250326-005 **Matrix.....:** WATER
Date Sampled...: 01/23/07 08:40 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7030471						
Arsenic	ND	5.0	ug/L	SW846 6020	01/31-02/01/07	JNEG11AR
		Dilution Factor: 1		Analysis Time..: 20:37		
Beryllium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG11AT
		Dilution Factor: 1		Analysis Time..: 20:37		
Antimony	ND	2.0	ug/L	SW846 6020	01/31-02/01/07	JNEG11AV
		Dilution Factor: 1		Analysis Time..: 20:37		
Cadmium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG11AU
		Dilution Factor: 1		Analysis Time..: 20:37		
Thallium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG11AW
		Dilution Factor: 1		Analysis Time..: 20:37		
Prep Batch #...: 7030480						
Barium	ND	100	ug/L	SW846 6010B	01/31-02/01/07	JNEG11AD
		Dilution Factor: 1		Analysis Time..: 02:20		
Chromium	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG11AE
		Dilution Factor: 1		Analysis Time..: 02:20		
Copper	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEG11AF
		Dilution Factor: 1		Analysis Time..: 02:20		
Nickel	ND	50	ug/L	SW846 6010B	01/31-02/01/07	JNEG11AG
		Dilution Factor: 1		Analysis Time..: 02:20		
Lead	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG11AH
		Dilution Factor: 1		Analysis Time..: 02:20		
Selenium	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEG11AK
		Dilution Factor: 1		Analysis Time..: 02:20		
Vanadium	ND	25	ug/L	SW846 6010B	01/31-02/01/07	JNEG11AM
		Dilution Factor: 1		Analysis Time..: 02:20		
Zinc	ND	20	ug/L	SW846 6010B	01/31-02/01/07	JNEG11AN
		Dilution Factor: 1		Analysis Time..: 02:20		

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Waste Management, Inc.

Client Sample ID: 3406-MW04D

TOTAL Metals

Lot-Sample #...: D7A250326-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG11AP
		Dilution Factor: 1		Analysis Time..: 02:20		
Cobalt	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG11AQ
		Dilution Factor: 1		Analysis Time..: 02:20		

Waste Management, Inc.

Client Sample ID: 3406-MW05

TOTAL Metals

Lot-Sample #...: D7A250326-006 **Matrix.....:** WATER
Date Sampled...: 01/23/07 12:44 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7030471						
Arsenic	ND	5.0	ug/L	SW846 6020	01/31-02/01/07	JNEG21AR
		Dilution Factor: 1		Analysis Time..: 20:41		
Beryllium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG21AT
		Dilution Factor: 1		Analysis Time..: 20:41		
Antimony	ND	2.0	ug/L	SW846 6020	01/31-02/01/07	JNEG21AV
		Dilution Factor: 1		Analysis Time..: 20:41		
Cadmium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG21AU
		Dilution Factor: 1		Analysis Time..: 20:41		
Thallium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG21AW
		Dilution Factor: 1		Analysis Time..: 20:41		
Prep Batch #...: 7030480						
Barium	ND	100	ug/L	SW846 6010B	01/31-02/01/07	JNEG21AD
		Dilution Factor: 1		Analysis Time..: 02:25		
Chromium	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG21AE
		Dilution Factor: 1		Analysis Time..: 02:25		
Copper	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEG21AF
		Dilution Factor: 1		Analysis Time..: 02:25		
Nickel	ND	50	ug/L	SW846 6010B	01/31-02/01/07	JNEG21AG
		Dilution Factor: 1		Analysis Time..: 02:25		
Lead	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG21AH
		Dilution Factor: 1		Analysis Time..: 02:25		
Selenium	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEG21AK
		Dilution Factor: 1		Analysis Time..: 02:25		
Vanadium	ND	25	ug/L	SW846 6010B	01/31-02/01/07	JNEG21AM
		Dilution Factor: 1		Analysis Time..: 02:25		
Zinc	ND	20	ug/L	SW846 6010B	01/31-02/01/07	JNEG21AN
		Dilution Factor: 1		Analysis Time..: 02:25		

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Waste Management, Inc.

Client Sample ID: 3406-MW05

TOTAL Metals

Lot-Sample #...: D7A250326-006 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG21AP
		Dilution Factor: 1		Analysis Time..: 02:25		
Cobalt	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG21AQ
		Dilution Factor: 1		Analysis Time..: 02:25		

Waste Management, Inc.

Client Sample ID: 3406-MW06

TOTAL Metals

Lot-Sample #...: D7A250326-007 **Matrix.....:** WATER
Date Sampled...: 01/23/07 09:38 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7030471						
Arsenic	ND	5.0	ug/L	SW846 6020	01/31-02/01/07	JNEG31AR
		Dilution Factor: 1		Analysis Time..: 20:44		
Beryllium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG31AT
		Dilution Factor: 1		Analysis Time..: 20:44		
Antimony	ND	2.0	ug/L	SW846 6020	01/31-02/01/07	JNEG31AV
		Dilution Factor: 1		Analysis Time..: 20:44		
Cadmium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG31AU
		Dilution Factor: 1		Analysis Time..: 20:44		
Thallium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG31AW
		Dilution Factor: 1		Analysis Time..: 20:44		
Prep Batch #...: 7030480						
Barium	ND	100	ug/L	SW846 6010B	01/31-02/01/07	JNEG31AD
		Dilution Factor: 1		Analysis Time..: 02:30		
Chromium	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG31AE
		Dilution Factor: 1		Analysis Time..: 02:30		
Copper	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEG31AF
		Dilution Factor: 1		Analysis Time..: 02:30		
Nickel	ND	50	ug/L	SW846 6010B	01/31-02/01/07	JNEG31AG
		Dilution Factor: 1		Analysis Time..: 02:30		
Lead	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG31AH
		Dilution Factor: 1		Analysis Time..: 02:30		
Selenium	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEG31AK
		Dilution Factor: 1		Analysis Time..: 02:30		
Vanadium	ND	25	ug/L	SW846 6010B	01/31-02/01/07	JNEG31AM
		Dilution Factor: 1		Analysis Time..: 02:30		
Zinc	ND	20	ug/L	SW846 6010B	01/31-02/01/07	JNEG31AN
		Dilution Factor: 1		Analysis Time..: 02:30		

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Waste Management, Inc.

Client Sample ID: 3406-MW06

TOTAL Metals

Lot-Sample #...: D7A250326-007 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG31AP
		Dilution Factor: 1		Analysis Time..: 02:30		
Cobalt	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG31AQ
		Dilution Factor: 1		Analysis Time..: 02:30		

Waste Management, Inc.

Client Sample ID: 3406-MW07

TOTAL Metals

Lot-Sample #...: D7A250326-008 **Matrix.....:** WATER
Date Sampled...: 01/24/07 09:22 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7030471						
Arsenic	ND	5.0	ug/L	SW846 6020	01/31-02/01/07	JNEG41AR
		Dilution Factor: 1		Analysis Time..: 20:48		
Beryllium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG41AT
		Dilution Factor: 1		Analysis Time..: 20:48		
Antimony	ND	2.0	ug/L	SW846 6020	01/31-02/01/07	JNEG41AV
		Dilution Factor: 1		Analysis Time..: 20:48		
Cadmium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG41AU
		Dilution Factor: 1		Analysis Time..: 20:48		
Thallium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG41AW
		Dilution Factor: 1		Analysis Time..: 20:48		
Prep Batch #...: 7030480						
Barium	ND	100	ug/L	SW846 6010B	01/31-02/01/07	JNEG41AD
		Dilution Factor: 1		Analysis Time..: 02:35		
Chromium	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG41AE
		Dilution Factor: 1		Analysis Time..: 02:35		
Copper	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEG41AF
		Dilution Factor: 1		Analysis Time..: 02:35		
Nickel	ND	50	ug/L	SW846 6010B	01/31-02/01/07	JNEG41AG
		Dilution Factor: 1		Analysis Time..: 02:35		
Lead	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG41AH
		Dilution Factor: 1		Analysis Time..: 02:35		
Selenium	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEG41AK
		Dilution Factor: 1		Analysis Time..: 02:35		
Vanadium	ND	25	ug/L	SW846 6010B	01/31-02/01/07	JNEG41AM
		Dilution Factor: 1		Analysis Time..: 02:35		
Zinc	ND	20	ug/L	SW846 6010B	01/31-02/01/07	JNEG41AN
		Dilution Factor: 1		Analysis Time..: 02:35		

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Waste Management, Inc.

Client Sample ID: 3406-MW07

TOTAL Metals

Lot-Sample #...: D7A250326-008 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG41AP
		Dilution Factor: 1		Analysis Time..: 02:35		
Cobalt	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG41AQ
		Dilution Factor: 1		Analysis Time..: 02:35		

Waste Management, Inc.

Client Sample ID: 3406-MW08

TOTAL Metals

Lot-Sample #...: D7A250326-009 **Matrix.....:** WATER
Date Sampled...: 01/23/07 11:39 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7030471						
Arsenic	ND	5.0	ug/L	SW846 6020	01/31-02/01/07	JNEG51AR
		Dilution Factor: 1		Analysis Time..: 20:59		
Beryllium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG51AT
		Dilution Factor: 1		Analysis Time..: 20:59		
Antimony	ND	2.0	ug/L	SW846 6020	01/31-02/01/07	JNEG51AV
		Dilution Factor: 1		Analysis Time..: 20:59		
Cadmium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG51AU
		Dilution Factor: 1		Analysis Time..: 20:59		
Thallium	**0.028 B**	**1.0**	**ug/L**	**SW846 6020**	**01/31-02/01/07**	**JNEG51AW**
		Dilution Factor: 1		Analysis Time..: 20:59		
Prep Batch #...: 7030480						
Barium	**100**	**100**	**ug/L**	**SW846 6010B**	**01/31-02/01/07**	**JNEG51AD**
		Dilution Factor: 1		Analysis Time..: 02:40		
Chromium	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG51AE
		Dilution Factor: 1		Analysis Time..: 02:40		
Copper	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEG51AF
		Dilution Factor: 1		Analysis Time..: 02:40		
Nickel	ND	50	ug/L	SW846 6010B	01/31-02/01/07	JNEG51AG
		Dilution Factor: 1		Analysis Time..: 02:40		
Lead	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG51AH
		Dilution Factor: 1		Analysis Time..: 02:40		
Selenium	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEG51AK
		Dilution Factor: 1		Analysis Time..: 02:40		
Vanadium	ND	25	ug/L	SW846 6010B	01/31-02/01/07	JNEG51AM
		Dilution Factor: 1		Analysis Time..: 02:40		
Zinc	ND	20	ug/L	SW846 6010B	01/31-02/01/07	JNEG51AN
		Dilution Factor: 1		Analysis Time..: 02:40		

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Waste Management, Inc.

Client Sample ID: 3406-MW08

TOTAL Metals

Lot-Sample #...: D7A250326-009 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG51AP
		Dilution Factor: 1		Analysis Time..: 02:40		
Cobalt	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG51AQ
		Dilution Factor: 1		Analysis Time..: 02:40		

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-MW09R

TOTAL Metals

Lot-Sample #...: D7A250326-010 **Matrix.....:** WATER
Date Sampled...: 01/24/07 10:59 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7030471						
Arsenic	ND	5.0	ug/L	SW846 6020	01/31-02/01/07	JNEG71AR
		Dilution Factor: 1		Analysis Time..: 21:02		
Beryllium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG71AT
		Dilution Factor: 1		Analysis Time..: 21:02		
Antimony	ND	2.0	ug/L	SW846 6020	01/31-02/01/07	JNEG71AV
		Dilution Factor: 1		Analysis Time..: 21:02		
Cadmium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG71AU
		Dilution Factor: 1		Analysis Time..: 21:02		
Thallium	**0.034 B**	**1.0**	**ug/L**	**SW846 6020**	**01/31-02/01/07**	**JNEG71AW**
		Dilution Factor: 1		Analysis Time..: 21:02		
Prep Batch #...: 7030480						
Barium	ND	100	ug/L	SW846 6010B	01/31-02/01/07	JNEG71AD
		Dilution Factor: 1		Analysis Time..: 02:45		
Chromium	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG71AE
		Dilution Factor: 1		Analysis Time..: 02:45		
Copper	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEG71AF
		Dilution Factor: 1		Analysis Time..: 02:45		
Nickel	ND	50	ug/L	SW846 6010B	01/31-02/01/07	JNEG71AG
		Dilution Factor: 1		Analysis Time..: 02:45		
Lead	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG71AH
		Dilution Factor: 1		Analysis Time..: 02:45		
Selenium	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEG71AK
		Dilution Factor: 1		Analysis Time..: 02:45		
Vanadium	ND	25	ug/L	SW846 6010B	01/31-02/01/07	JNEG71AM
		Dilution Factor: 1		Analysis Time..: 02:45		
Zinc	**35**	**20**	**ug/L**	**SW846 6010B**	**01/31-02/01/07**	**JNEG71AN**
		Dilution Factor: 1		Analysis Time..: 02:45		

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Waste Management, Inc.

Client Sample ID: 3406-MW09R

TOTAL Metals

Lot-Sample #...: D7A250326-010 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG71AP
		Dilution Factor: 1		Analysis Time..: 02:45		
Cobalt	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG71AQ
		Dilution Factor: 1		Analysis Time..: 02:45		

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-MW10

TOTAL Metals

Lot-Sample #...: D7A250326-011 **Matrix.....:** WATER
Date Sampled...: 01/23/07 16:45 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7030471						
Arsenic	ND	5.0	ug/L	SW846 6020	01/31-02/01/07	JNEG81AR
		Dilution Factor: 1		Analysis Time..: 21:06		
Beryllium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG81AT
		Dilution Factor: 1		Analysis Time..: 21:06		
Antimony	ND	2.0	ug/L	SW846 6020	01/31-02/01/07	JNEG81AV
		Dilution Factor: 1		Analysis Time..: 21:06		
Cadmium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG81AU
		Dilution Factor: 1		Analysis Time..: 21:06		
Thallium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG81AW
		Dilution Factor: 1		Analysis Time..: 21:06		
Prep Batch #...: 7030480						
Barium	ND	100	ug/L	SW846 6010B	01/31-02/01/07	JNEG81AD
		Dilution Factor: 1		Analysis Time..: 02:50		
Chromium	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG81AE
		Dilution Factor: 1		Analysis Time..: 02:50		
Copper	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEG81AF
		Dilution Factor: 1		Analysis Time..: 02:50		
Nickel	ND	50	ug/L	SW846 6010B	01/31-02/01/07	JNEG81AG
		Dilution Factor: 1		Analysis Time..: 02:50		
Lead	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG81AH
		Dilution Factor: 1		Analysis Time..: 02:50		
Selenium	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEG81AK
		Dilution Factor: 1		Analysis Time..: 02:50		
Vanadium	ND	25	ug/L	SW846 6010B	01/31-02/01/07	JNEG81AM
		Dilution Factor: 1		Analysis Time..: 02:50		
Zinc	ND	20	ug/L	SW846 6010B	01/31-02/01/07	JNEG81AN
		Dilution Factor: 1		Analysis Time..: 02:50		

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Waste Management, Inc.

Client Sample ID: 3406-MW10

TOTAL Metals

Lot-Sample #...: D7A250326-011 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG81AP
		Dilution Factor: 1		Analysis Time..: 02:50		
Cobalt	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG81AQ
		Dilution Factor: 1		Analysis Time..: 02:50		

Waste Management, Inc.

Client Sample ID: 3406-MW11

TOTAL Metals

Lot-Sample #...: D7A250326-012 **Matrix.....:** WATER
Date Sampled...: 01/23/07 16:05 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7030471						
Arsenic	ND	5.0	ug/L	SW846 6020	01/31-02/01/07	JNEG91AR
		Dilution Factor: 1		Analysis Time..: 21:10		
Beryllium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG91AT
		Dilution Factor: 1		Analysis Time..: 21:10		
Antimony	ND	2.0	ug/L	SW846 6020	01/31-02/01/07	JNEG91AV
		Dilution Factor: 1		Analysis Time..: 21:10		
Cadmium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG91AU
		Dilution Factor: 1		Analysis Time..: 21:10		
Thallium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEG91AW
		Dilution Factor: 1		Analysis Time..: 21:10		
Prep Batch #...: 7030480						
Barium	ND	100	ug/L	SW846 6010B	01/31-02/01/07	JNEG91AD
		Dilution Factor: 1		Analysis Time..: 02:55		
Chromium	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG91AE
		Dilution Factor: 1		Analysis Time..: 02:55		
Copper	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEG91AF
		Dilution Factor: 1		Analysis Time..: 02:55		
Nickel	ND	50	ug/L	SW846 6010B	01/31-02/01/07	JNEG91AG
		Dilution Factor: 1		Analysis Time..: 02:55		
Lead	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG91AH
		Dilution Factor: 1		Analysis Time..: 02:55		
Selenium	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEG91AK
		Dilution Factor: 1		Analysis Time..: 02:55		
Vanadium	ND	25	ug/L	SW846 6010B	01/31-02/01/07	JNEG91AM
		Dilution Factor: 1		Analysis Time..: 02:55		
Zinc	ND	20	ug/L	SW846 6010B	01/31-02/01/07	JNEG91AN
		Dilution Factor: 1		Analysis Time..: 02:55		

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Waste Management, Inc.

Client Sample ID: 3406-MW11

TOTAL Metals

Lot-Sample #...: D7A250326-012 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG91AP
		Dilution Factor: 1		Analysis Time..: 02:55		
Cobalt	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEG91AQ
		Dilution Factor: 1		Analysis Time..: 02:55		

Waste Management, Inc.

Client Sample ID: 3406-MW11D

TOTAL Metals

Lot-Sample #...: D7A250326-013 **Matrix.....:** WATER
Date Sampled...: 01/23/07 15:31 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7030471						
Arsenic	ND	5.0	ug/L	SW846 6020	01/31-02/01/07	JNEHA1AR
		Dilution Factor: 1		Analysis Time..: 21:13		
Beryllium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEHA1AT
		Dilution Factor: 1		Analysis Time..: 21:13		
Antimony	ND	2.0	ug/L	SW846 6020	01/31-02/01/07	JNEHA1AV
		Dilution Factor: 1		Analysis Time..: 21:13		
Cadmium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEHA1AU
		Dilution Factor: 1		Analysis Time..: 21:13		
Thallium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEHA1AW
		Dilution Factor: 1		Analysis Time..: 21:13		
Prep Batch #...: 7030480						
Barium	ND	100	ug/L	SW846 6010B	01/31-02/01/07	JNEHA1AD
		Dilution Factor: 1		Analysis Time..: 03:00		
Chromium	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEHA1AE
		Dilution Factor: 1		Analysis Time..: 03:00		
Copper	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEHA1AF
		Dilution Factor: 1		Analysis Time..: 03:00		
Nickel	ND	50	ug/L	SW846 6010B	01/31-02/01/07	JNEHA1AG
		Dilution Factor: 1		Analysis Time..: 03:00		
Lead	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEHA1AH
		Dilution Factor: 1		Analysis Time..: 03:00		
Selenium	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEHA1AK
		Dilution Factor: 1		Analysis Time..: 03:00		
Vanadium	ND	25	ug/L	SW846 6010B	01/31-02/01/07	JNEHA1AM
		Dilution Factor: 1		Analysis Time..: 03:00		
Zinc	ND	20	ug/L	SW846 6010B	01/31-02/01/07	JNEHA1AN
		Dilution Factor: 1		Analysis Time..: 03:00		

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Waste Management, Inc.

Client Sample ID: 3406-MW11D

TOTAL Metals

Lot-Sample #...: D7A250326-013 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEHA1AP
		Dilution Factor: 1		Analysis Time..: 03:00		
Cobalt	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEHA1AQ
		Dilution Factor: 1		Analysis Time..: 03:00		

Waste Management, Inc.

Client Sample ID: 3406-MW12

TOTAL Metals

Lot-Sample #...: D7A250326-014 **Matrix.....:** WATER
Date Sampled...: 01/22/07 15:50 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7030471						
Arsenic	ND	5.0	ug/L	SW846 6020	01/31-02/01/07	JNEHC1AR
		Dilution Factor: 1		Analysis Time..: 21:17		
Beryllium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEHC1AT
		Dilution Factor: 1		Analysis Time..: 21:17		
Antimony	ND	2.0	ug/L	SW846 6020	01/31-02/01/07	JNEHC1AV
		Dilution Factor: 1		Analysis Time..: 21:17		
Cadmium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEHC1AU
		Dilution Factor: 1		Analysis Time..: 21:17		
Thallium	**0.032 B**	**1.0**	**ug/L**	**SW846 6020**	**01/31-02/01/07**	**JNEHC1AW**
		Dilution Factor: 1		Analysis Time..: 21:17		
Prep Batch #...: 7030480						
Barium	ND	100	ug/L	SW846 6010B	01/31-02/01/07	JNEHC1AD
		Dilution Factor: 1		Analysis Time..: 03:15		
Chromium	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEHC1AE
		Dilution Factor: 1		Analysis Time..: 03:15		
Copper	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEHC1AF
		Dilution Factor: 1		Analysis Time..: 03:15		
Nickel	ND	50	ug/L	SW846 6010B	01/31-02/01/07	JNEHC1AG
		Dilution Factor: 1		Analysis Time..: 03:15		
Lead	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEHC1AH
		Dilution Factor: 1		Analysis Time..: 03:15		
Selenium	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEHC1AK
		Dilution Factor: 1		Analysis Time..: 03:15		
Vanadium	ND	25	ug/L	SW846 6010B	01/31-02/01/07	JNEHC1AM
		Dilution Factor: 1		Analysis Time..: 03:15		
Zinc	**24**	**20**	**ug/L**	**SW846 6010B**	**01/31-02/01/07**	**JNEHC1AN**
		Dilution Factor: 1		Analysis Time..: 03:15		

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Waste Management, Inc.

Client Sample ID: 3406-MW12

TOTAL Metals

Lot-Sample #...: D7A250326-014 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEHC1AP
		Dilution Factor: 1		Analysis Time..: 03:15		
Cobalt	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEHC1AQ
		Dilution Factor: 1		Analysis Time..: 03:15		

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-MW12D

TOTAL Metals

Lot-Sample #...: D7A250326-015 **Matrix.....:** WATER
Date Sampled...: 01/22/07 16:42 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7030471						
Arsenic	ND	5.0	ug/L	SW846 6020	01/31-02/01/07	JNEHD1AR
		Dilution Factor: 1		Analysis Time..: 21:21		
Beryllium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEHD1AT
		Dilution Factor: 1		Analysis Time..: 21:21		
Antimony	ND	2.0	ug/L	SW846 6020	01/31-02/01/07	JNEHD1AV
		Dilution Factor: 1		Analysis Time..: 21:21		
Cadmium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEHD1AU
		Dilution Factor: 1		Analysis Time..: 21:21		
Thallium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEHD1AW
		Dilution Factor: 1		Analysis Time..: 21:21		
Prep Batch #...: 7030480						
Barium	ND	100	ug/L	SW846 6010B	01/31-02/01/07	JNEHD1AD
		Dilution Factor: 1		Analysis Time..: 03:20		
Chromium	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEHD1AE
		Dilution Factor: 1		Analysis Time..: 03:20		
Copper	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEHD1AF
		Dilution Factor: 1		Analysis Time..: 03:20		
Nickel	ND	50	ug/L	SW846 6010B	01/31-02/01/07	JNEHD1AG
		Dilution Factor: 1		Analysis Time..: 03:20		
Lead	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEHD1AH
		Dilution Factor: 1		Analysis Time..: 03:20		
Selenium	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEHD1AK
		Dilution Factor: 1		Analysis Time..: 03:20		
Vanadium	ND	25	ug/L	SW846 6010B	01/31-02/01/07	JNEHD1AM
		Dilution Factor: 1		Analysis Time..: 03:20		
Zinc	ND	20	ug/L	SW846 6010B	01/31-02/01/07	JNEHD1AN
		Dilution Factor: 1		Analysis Time..: 03:20		

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Waste Management, Inc.

Client Sample ID: 3406-MW12D

TOTAL Metals

Lot-Sample #...: D7A250326-015 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEHD1AP
		Dilution Factor: 1		Analysis Time..: 03:20		
Cobalt	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEHD1AQ
		Dilution Factor: 1		Analysis Time..: 03:20		

Waste Management, Inc.

Client Sample ID: 3406-01FB

TOTAL Metals

Lot-Sample #...: D7A250326-016 **Matrix.....:** WATER
Date Sampled...: 01/24/07 14:10 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7030471						
Arsenic	ND	5.0	ug/L	SW846 6020	01/31-02/01/07	JNEHE1AR
		Dilution Factor: 1		Analysis Time..: 21:24		
Beryllium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEHE1AT
		Dilution Factor: 1		Analysis Time..: 21:24		
Antimony	ND	2.0	ug/L	SW846 6020	01/31-02/01/07	JNEHE1AV
		Dilution Factor: 1		Analysis Time..: 21:24		
Cadmium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEHE1AU
		Dilution Factor: 1		Analysis Time..: 21:24		
Thallium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNEHE1AW
		Dilution Factor: 1		Analysis Time..: 21:24		
Prep Batch #...: 7030480						
Barium	ND	100	ug/L	SW846 6010B	01/31-02/01/07	JNEHE1AD
		Dilution Factor: 1		Analysis Time..: 03:25		
Chromium	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEHE1AE
		Dilution Factor: 1		Analysis Time..: 03:25		
Copper	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEHE1AF
		Dilution Factor: 1		Analysis Time..: 03:25		
Nickel	ND	50	ug/L	SW846 6010B	01/31-02/01/07	JNEHE1AG
		Dilution Factor: 1		Analysis Time..: 03:25		
Lead	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEHE1AH
		Dilution Factor: 1		Analysis Time..: 03:25		
Selenium	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNEHE1AK
		Dilution Factor: 1		Analysis Time..: 03:25		
Vanadium	ND	25	ug/L	SW846 6010B	01/31-02/01/07	JNEHE1AM
		Dilution Factor: 1		Analysis Time..: 03:25		
Zinc	ND	20	ug/L	SW846 6010B	01/31-02/01/07	JNEHE1AN
		Dilution Factor: 1		Analysis Time..: 03:25		

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Waste Management, Inc.

Client Sample ID: 3406-01FB

TOTAL Metals

Lot-Sample #...: D7A250326-016 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEHE1AP
		Dilution Factor: 1		Analysis Time..: 03:25		
Cobalt	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNEHE1AQ
		Dilution Factor: 1		Analysis Time..: 03:25		

QC DATA ASSOCIATION SUMMARY

D7A250326

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 6020		7030471	7030276
	WATER	SW846 8260B		7036062	7036056
	WATER	SW846 6010B		7030480	7030282
002	WATER	SW846 6020		7030471	7030276
	WATER	SW846 8260B		7036062	7036056
	WATER	SW846 6010B		7030480	7030282
003	WATER	SW846 6020		7030471	7030276
	WATER	SW846 8260B		7036062	7036056
	WATER	SW846 6010B		7030480	7030282
004	WATER	SW846 6020		7030471	7030276
	WATER	SW846 8260B		7036062	7036056
	WATER	SW846 6010B		7030480	7030282
005	WATER	SW846 6020		7030471	7030276
	WATER	SW846 8260B		7036062	7036056
	WATER	SW846 6010B		7030480	7030282
006	WATER	SW846 6020		7030471	7030276
	WATER	SW846 8260B		7036062	7036056
	WATER	SW846 6010B		7030480	7030282
007	WATER	SW846 6020		7030471	7030276
	WATER	SW846 8260B		7036062	7036056
	WATER	SW846 6010B		7030480	7030282
008	WATER	SW846 6020		7030471	7030276
	WATER	SW846 8260B		7036062	7036056
	WATER	SW846 6010B		7030480	7030282
009	WATER	SW846 6020		7030471	7030276
	WATER	SW846 8260B		7036062	7036056
	WATER	SW846 6010B		7030480	7030282
010	WATER	SW846 6020		7030471	7030276
	WATER	SW846 8260B		7036062	7036056
	WATER	SW846 6010B		7030480	7030282
011	WATER	SW846 6020		7030471	7030276
	WATER	SW846 8260B		7036062	7036056
	WATER	SW846 6010B		7030480	7030282

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QC DATA ASSOCIATION SUMMARY

D7A250326

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
012	WATER	SW846 6020		7030471	7030276
	WATER	SW846 8260B		7036062	7036056
	WATER	SW846 6010B		7030480	7030282
013	WATER	SW846 6020		7030471	7030276
	WATER	SW846 8260B		7036062	7036056
	WATER	SW846 6010B		7030480	7030282
014	WATER	SW846 6020		7030471	7030276
	WATER	SW846 8260B		7036062	7036056
	WATER	SW846 6010B		7030480	7030282
015	WATER	SW846 6020		7030471	7030276
	WATER	SW846 8260B		7036062	7036056
	WATER	SW846 6010B		7030480	7030282
016	WATER	SW846 6020		7030471	7030276
	WATER	SW846 8260B		7036062	7036056
	WATER	SW846 6010B		7030480	7030282
017	WATER	SW846 8260B		7036062	7036056

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7A250326 **Work Order #...:** JNW9W1AA **Matrix.....:** WATER
MB Lot-Sample #: D7B050000-062

Prep Date.....: 02/02/07 **Analysis Time..:** 11:23
Analysis Date..: 02/02/07 **Prep Batch #...:** 7036062
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
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
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
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	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
Trichlorofluoromethane	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
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

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7A250326 **Work Order #...:** JNW9W1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
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
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	3.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	100	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(79 - 119)
1,2-Dichloroethane-d4	103	(65 - 126)
4-Bromofluorobenzene	100	(75 - 115)
Toluene-d8	102	(78 - 118)

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7A250326 **Work Order #...:** JNW9W1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7B050000-062
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 09:11
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**92**	**(68 - 133)**	**SW846 8260B**
Benzene	**104**	**(77 - 118)**	**SW846 8260B**
Chlorobenzene	**101**	**(78 - 118)**	**SW846 8260B**
Toluene	**104**	**(73 - 120)**	**SW846 8260B**
Trichloroethene	**108**	**(78 - 122)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(79 - 119)
1,2-Dichloroethane-d4	101	(65 - 126)
4-Bromofluorobenzene	105	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7A250326 **Work Order #...:** JNW9W1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7B050000-062
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 09:11
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**5.00**	**4.61**	**ug/L**	**92**	**SW846 8260B**
Benzene	**5.00**	**5.22**	**ug/L**	**104**	**SW846 8260B**
Chlorobenzene	**5.00**	**5.05**	**ug/L**	**101**	**SW846 8260B**
Toluene	**5.00**	**5.22**	**ug/L**	**104**	**SW846 8260B**
Trichloroethene	**5.00**	**5.41**	**ug/L**	**108**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(79 - 119)
1,2-Dichloroethane-d4	101	(65 - 126)
4-Bromofluorobenzene	105	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7A250326 **Work Order #...:** JNEGR1CL-MS **Matrix.....:** WATER
MS Lot-Sample #: D7A250326-001 JNEGR1CM-MSD
Date Sampled...: 01/23/07 10:28 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 12:00
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**98**	**(68 - 133)**			**SW846 8260B**
	98	**(68 - 133)**	**0.20**	**(0-20)**	**SW846 8260B**
Benzene	**105**	**(77 - 118)**			**SW846 8260B**
	106	**(77 - 118)**	**0.93**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**101**	**(78 - 118)**			**SW846 8260B**
	108	**(78 - 118)**	**6.5**	**(0-20)**	**SW846 8260B**
Toluene	**103**	**(73 - 120)**			**SW846 8260B**
	107	**(73 - 120)**	**3.5**	**(0-20)**	**SW846 8260B**
Trichloroethene	**106**	**(78 - 122)**			**SW846 8260B**
	112	**(78 - 122)**	**5.1**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(79 - 119)
	101	(79 - 119)
1,2-Dichloroethane-d4	98	(65 - 126)
	105	(65 - 126)
4-Bromofluorobenzene	105	(75 - 115)
	104	(75 - 115)
Toluene-d8	104	(78 - 118)
	106	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7A250326 **Work Order #...:** JNEGR1CL-MS **Matrix.....:** WATER
MS Lot-Sample #: D7A250326-001 JNEGR1CM-MSD
Date Sampled...: 01/23/07 10:28 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 12:00
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	**ND**	**5.00**	**4.91**	**ug/L**	**98**		**SW846 8260B**
	ND	**5.00**	**4.90**	**ug/L**	**98**	**0.20**	**SW846 8260B**
Benzene	**ND**	**5.00**	**5.26**	**ug/L**	**105**		**SW846 8260B**
	ND	**5.00**	**5.31**	**ug/L**	**106**	**0.93**	**SW846 8260B**
Chlorobenzene	**ND**	**5.00**	**5.05**	**ug/L**	**101**		**SW846 8260B**
	ND	**5.00**	**5.38**	**ug/L**	**108**	**6.5**	**SW846 8260B**
Toluene	**ND**	**5.00**	**5.16**	**ug/L**	**103**		**SW846 8260B**
	ND	**5.00**	**5.34**	**ug/L**	**107**	**3.5**	**SW846 8260B**
Trichloroethene	**ND**	**5.00**	**5.32**	**ug/L**	**106**		**SW846 8260B**
	ND	**5.00**	**5.60**	**ug/L**	**112**	**5.1**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(79 - 119)
	101	(79 - 119)
1,2-Dichloroethane-d4	98	(65 - 126)
	105	(65 - 126)
4-Bromofluorobenzene	105	(75 - 115)
	104	(75 - 115)
Toluene-d8	104	(78 - 118)
	106	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7A250326 **Work Order #...:** JNEG81A1-MS **Matrix.....:** WATER
MS Lot-Sample #: D7A250326-011 JNEG81A2-MSD
Date Sampled...: 01/23/07 16:45 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 15:45
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**94**	**(68 - 133)**			**SW846 8260B**
	100	**(68 - 133)**	**6.2**	**(0-20)**	**SW846 8260B**
Benzene	**100**	**(77 - 118)**			**SW846 8260B**
	110	**(77 - 118)**	**9.6**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**99**	**(78 - 118)**			**SW846 8260B**
	107	**(78 - 118)**	**8.0**	**(0-20)**	**SW846 8260B**
Toluene	**104**	**(73 - 120)**			**SW846 8260B**
	108	**(73 - 120)**	**4.0**	**(0-20)**	**SW846 8260B**
Trichloroethene	**98**	**(78 - 122)**			**SW846 8260B**
	108	**(78 - 122)**	**8.9**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(79 - 119)
	105	(79 - 119)
1,2-Dichloroethane-d4	102	(65 - 126)
	106	(65 - 126)
4-Bromofluorobenzene	105	(75 - 115)
	108	(75 - 115)
Toluene-d8	110	(78 - 118)
	105	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7A250326 **Work Order #...:** JNEG81A1-MS **Matrix.....:** WATER
MS Lot-Sample #: D7A250326-011 JNEG81A2-MSD
Date Sampled...: 01/23/07 16:45 **Date Received..:** 01/25/07
Prep Date.....: 02/02/07 **Analysis Date..:** 02/02/07
Prep Batch #...: 7036062 **Analysis Time..:** 15:45
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	**ND**	**5.00**	**4.72**	**ug/L**	**94**		**SW846 8260B**
	ND	**5.00**	**5.02**	**ug/L**	**100**	**6.2**	**SW846 8260B**
Benzene	**ND**	**5.00**	**5.01**	**ug/L**	**100**		**SW846 8260B**
	ND	**5.00**	**5.51**	**ug/L**	**110**	**9.6**	**SW846 8260B**
Chlorobenzene	**ND**	**5.00**	**4.95**	**ug/L**	**99**		**SW846 8260B**
	ND	**5.00**	**5.37**	**ug/L**	**107**	**8.0**	**SW846 8260B**
Toluene	**ND**	**5.00**	**5.19**	**ug/L**	**104**		**SW846 8260B**
	ND	**5.00**	**5.40**	**ug/L**	**108**	**4.0**	**SW846 8260B**
Trichloroethene	**ND**	**5.00**	**4.92**	**ug/L**	**98**		**SW846 8260B**
	ND	**5.00**	**5.39**	**ug/L**	**108**	**8.9**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(79 - 119)
	105	(79 - 119)
1,2-Dichloroethane-d4	102	(65 - 126)
	106	(65 - 126)
4-Bromofluorobenzene	105	(75 - 115)
	108	(75 - 115)
Toluene-d8	110	(78 - 118)
	105	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7A250326 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7A300000-471 **Prep Batch #...:** 7030471						
Arsenic	ND	5.0	ug/L	SW846 6020	01/31-02/01/07	JNLXA1AA
		Dilution Factor: 1				
		Analysis Time..: 19:46				
Antimony	ND	2.0	ug/L	SW846 6020	01/31-02/01/07	JNLXA1AE
		Dilution Factor: 1				
		Analysis Time..: 19:46				
Beryllium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNLXA1AC
		Dilution Factor: 1				
		Analysis Time..: 19:46				
Cadmium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNLXA1AD
		Dilution Factor: 1				
		Analysis Time..: 19:46				
Thallium	ND	1.0	ug/L	SW846 6020	01/31-02/01/07	JNLXA1AF
		Dilution Factor: 1				
		Analysis Time..: 19:46				
MB Lot-Sample #: D7A300000-480 **Prep Batch #...:** 7030480						
Barium	ND	100	ug/L	SW846 6010B	01/31-02/01/07	JNLXX1AA
		Dilution Factor: 1				
		Analysis Time..: 01:16				
Chromium	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNLXX1AC
		Dilution Factor: 1				
		Analysis Time..: 01:16				
Copper	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNLXX1AD
		Dilution Factor: 1				
		Analysis Time..: 01:16				
Nickel	ND	50	ug/L	SW846 6010B	01/31-02/01/07	JNLXX1AE
		Dilution Factor: 1				
		Analysis Time..: 01:16				
Lead	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNLXX1AF
		Dilution Factor: 1				
		Analysis Time..: 01:16				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7A250326 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	15	ug/L	SW846 6010B	01/31-02/01/07	JNLXX1AG
		Dilution Factor: 1				
		Analysis Time..: 01:16				
Vanadium	ND	25	ug/L	SW846 6010B	01/31-02/01/07	JNLXX1AH
		Dilution Factor: 1				
		Analysis Time..: 01:16				
Zinc	ND	20	ug/L	SW846 6010B	01/31-02/01/07	JNLXX1AJ
		Dilution Factor: 1				
		Analysis Time..: 01:16				
Silver	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNLXX1AK
		Dilution Factor: 1				
		Analysis Time..: 01:16				
Cobalt	ND	10	ug/L	SW846 6010B	01/31-02/01/07	JNLXX1AL
		Dilution Factor: 1				
		Analysis Time..: 01:16				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7A250326 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7A300000-471 **Prep Batch #...:** 7030471					
Arsenic	101	(89 - 111)	SW846 6020	01/31-02/01/07	JNLXA1AG
		Dilution Factor: 1	Analysis Time..: 19:49		
Beryllium	101	(76 - 132)	SW846 6020	01/31-02/01/07	JNLXA1AH
		Dilution Factor: 1	Analysis Time..: 19:49		
Antimony	98	(71 - 128)	SW846 6020	01/31-02/01/07	JNLXA1AK
		Dilution Factor: 1	Analysis Time..: 19:49		
Cadmium	99	(89 - 111)	SW846 6020	01/31-02/01/07	JNLXA1AJ
		Dilution Factor: 1	Analysis Time..: 19:49		
Thallium	103	(86 - 124)	SW846 6020	01/31-02/01/07	JNLXA1AL
		Dilution Factor: 1	Analysis Time..: 19:49		
LCS Lot-Sample#: D7A300000-480 **Prep Batch #...:** 7030480					
Barium	102	(90 - 112)	SW846 6010B	01/31-02/01/07	JNLXX1AM
		Dilution Factor: 1	Analysis Time..: 01:21		
Chromium	98	(90 - 113)	SW846 6010B	01/31-02/01/07	JNLXX1AN
		Dilution Factor: 1	Analysis Time..: 01:21		
Copper	99	(86 - 112)	SW846 6010B	01/31-02/01/07	JNLXX1AP
		Dilution Factor: 1	Analysis Time..: 01:21		
Nickel	96	(89 - 111)	SW846 6010B	01/31-02/01/07	JNLXX1AQ
		Dilution Factor: 1	Analysis Time..: 01:21		
Lead	97	(89 - 110)	SW846 6010B	01/31-02/01/07	JNLXX1AR
		Dilution Factor: 1	Analysis Time..: 01:21		
Selenium	90	(90 - 110)	SW846 6010B	01/31-02/01/07	JNLXX1AT
		Dilution Factor: 1	Analysis Time..: 01:21		
Vanadium	98	(90 - 111)	SW846 6010B	01/31-02/01/07	JNLXX1AU
		Dilution Factor: 1	Analysis Time..: 01:21		
Zinc	91	(84 - 111)	SW846 6010B	01/31-02/01/07	JNLXX1AV
		Dilution Factor: 1	Analysis Time..: 01:21		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7A250326 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	100	(86 - 120)	SW846 6010B	01/31-02/01/07	JNLXX1AW
		Dilution Factor: 1	Analysis Time..: 01:21		
Cobalt	96	(89 - 111)	SW846 6010B	01/31-02/01/07	JNLXX1AX
		Dilution Factor: 1	Analysis Time..: 01:21		

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250326 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7A300000-471 **Prep Batch #...:** 7030471							
Arsenic	40.0	40.3	ug/L	101	SW846 6020	01/31-02/01/07	JNLXA1AG
			Dilution Factor: 1		Analysis Time..: 19:49		
Beryllium	40.0	40.5	ug/L	101	SW846 6020	01/31-02/01/07	JNLXA1AH
			Dilution Factor: 1		Analysis Time..: 19:49		
Antimony	40.0	39.0	ug/L	98	SW846 6020	01/31-02/01/07	JNLXA1AK
			Dilution Factor: 1		Analysis Time..: 19:49		
Cadmium	40.0	39.7	ug/L	99	SW846 6020	01/31-02/01/07	JNLXA1AJ
			Dilution Factor: 1		Analysis Time..: 19:49		
Thallium	40.0	41.3	ug/L	103	SW846 6020	01/31-02/01/07	JNLXA1AL
			Dilution Factor: 1		Analysis Time..: 19:49		
LCS Lot-Sample#: D7A300000-480 **Prep Batch #...:** 7030480							
Barium	2000	2050	ug/L	102	SW846 6010B	01/31-02/01/07	JNLXX1AM
			Dilution Factor: 1		Analysis Time..: 01:21		
Chromium	200	195	ug/L	98	SW846 6010B	01/31-02/01/07	JNLXX1AN
			Dilution Factor: 1		Analysis Time..: 01:21		
Copper	250	247	ug/L	99	SW846 6010B	01/31-02/01/07	JNLXX1AP
			Dilution Factor: 1		Analysis Time..: 01:21		
Nickel	500	480	ug/L	96	SW846 6010B	01/31-02/01/07	JNLXX1AQ
			Dilution Factor: 1		Analysis Time..: 01:21		
Lead	500	484	ug/L	97	SW846 6010B	01/31-02/01/07	JNLXX1AR
			Dilution Factor: 1		Analysis Time..: 01:21		
Selenium	2000	1790	ug/L	90	SW846 6010B	01/31-02/01/07	JNLXX1AT
			Dilution Factor: 1		Analysis Time..: 01:21		
Vanadium	500	491	ug/L	98	SW846 6010B	01/31-02/01/07	JNLXX1AU
			Dilution Factor: 1		Analysis Time..: 01:21		
Zinc	500	455	ug/L	91	SW846 6010B	01/31-02/01/07	JNLXX1AV
			Dilution Factor: 1		Analysis Time..: 01:21		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250326 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	50.0	50.0	ug/L	100	SW846 6010B	01/31-02/01/07	JNLXX1AW
			Dilution Factor: 1		Analysis Time..: 01:21		
Cobalt	500	479	ug/L	96	SW846 6010B	01/31-02/01/07	JNLXX1AX
			Dilution Factor: 1		Analysis Time..: 01:21		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7A250326 **Matrix.....:** WATER
Date Sampled...: 01/23/07 14:26 **Date Received..:** 01/25/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A250326-002 **Prep Batch #...:** 7030471							
Arsenic	105	(89 - 111)			SW846 6020	01/31-02/01/07	JNEGV1AX
	101	(89 - 111)	3.6	(0-20)	SW846 6020	01/31-02/01/07	JNEGV1A0
		Dilution Factor: 1					
		Analysis Time..: 20:07					
Antimony	98	(71 - 128)			SW846 6020	01/31-02/01/07	JNEGV1A5
	98	(71 - 128)	0.32	(0-20)	SW846 6020	01/31-02/01/07	JNEGV1A6
		Dilution Factor: 1					
		Analysis Time..: 20:07					
Beryllium	108	(76 - 132)			SW846 6020	01/31-02/01/07	JNEGV1A1
	105	(76 - 132)	2.0	(0-20)	SW846 6020	01/31-02/01/07	JNEGV1A2
		Dilution Factor: 1					
		Analysis Time..: 20:07					
Cadmium	103	(89 - 111)			SW846 6020	01/31-02/01/07	JNEGV1A3
	100	(89 - 111)	2.8	(0-20)	SW846 6020	01/31-02/01/07	JNEGV1A4
		Dilution Factor: 1					
		Analysis Time..: 20:07					
Thallium	109	(86 - 124)			SW846 6020	01/31-02/01/07	JNEGV1A7
	107	(86 - 124)	1.8	(0-20)	SW846 6020	01/31-02/01/07	JNEGV1A8
		Dilution Factor: 1					
		Analysis Time..: 20:07					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250326 **Matrix.....:** WATER
Date Sampled...: 01/23/07 14:26 **Date Received..:** 01/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A250326-002 **Prep Batch #...:** 7030471									
Arsenic									
	ND	40.0	42.0	ug/L	105		SW846 6020	01/31-02/01/07	JNEGV1AX
	ND	40.0	40.5	ug/L	101	3.6	SW846 6020	01/31-02/01/07	JNEGV1A0
			Dilution Factor: 1						
			Analysis Time..: 20:07						
Antimony									
	ND	40.0	39.1	ug/L	98		SW846 6020	01/31-02/01/07	JNEGV1A5
	ND	40.0	39.2	ug/L	98	0.32	SW846 6020	01/31-02/01/07	JNEGV1A6
			Dilution Factor: 1						
			Analysis Time..: 20:07						
Beryllium									
	ND	40.0	43.3	ug/L	108		SW846 6020	01/31-02/01/07	JNEGV1A1
	ND	40.0	42.4	ug/L	105	2.0	SW846 6020	01/31-02/01/07	JNEGV1A2
			Dilution Factor: 1						
			Analysis Time..: 20:07						
Cadmium									
	ND	40.0	41.2	ug/L	103		SW846 6020	01/31-02/01/07	JNEGV1A3
	ND	40.0	40.0	ug/L	100	2.8	SW846 6020	01/31-02/01/07	JNEGV1A4
			Dilution Factor: 1						
			Analysis Time..: 20:07						
Thallium									
	ND	40.0	43.5	ug/L	109		SW846 6020	01/31-02/01/07	JNEGV1A7
	ND	40.0	42.8	ug/L	107	1.8	SW846 6020	01/31-02/01/07	JNEGV1A8
			Dilution Factor: 1						
			Analysis Time..: 20:07						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7A250326 **Matrix.....:** WATER
Date Sampled...: 01/22/07 13:48 **Date Received..:** 01/25/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A250326-004 **Prep Batch #...:** 7030471							
Arsenic	103	(89 - 111)			SW846 6020	01/31-02/01/07	JNEGX1AX
	99	(89 - 111)	3.7	(0-20)	SW846 6020	01/31-02/01/07	JNEGX1A0
		Dilution Factor: 1					
		Analysis Time..: 20:30					
Antimony	101	(71 - 128)			SW846 6020	01/31-02/01/07	JNEGX1A5
	95	(71 - 128)	5.5	(0-20)	SW846 6020	01/31-02/01/07	JNEGX1A6
		Dilution Factor: 1					
		Analysis Time..: 20:30					
Beryllium	104	(76 - 132)			SW846 6020	01/31-02/01/07	JNEGX1A1
	104	(76 - 132)	0.44	(0-20)	SW846 6020	01/31-02/01/07	JNEGX1A2
		Dilution Factor: 1					
		Analysis Time..: 20:30					
Cadmium	102	(89 - 111)			SW846 6020	01/31-02/01/07	JNEGX1A3
	100	(89 - 111)	2.3	(0-20)	SW846 6020	01/31-02/01/07	JNEGX1A4
		Dilution Factor: 1					
		Analysis Time..: 20:30					
Thallium	105	(86 - 124)			SW846 6020	01/31-02/01/07	JNEGX1A7
	103	(86 - 124)	2.4	(0-20)	SW846 6020	01/31-02/01/07	JNEGX1A8
		Dilution Factor: 1					
		Analysis Time..: 20:30					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250326 **Matrix.....:** WATER
Date Sampled...: 01/22/07 13:48 **Date Received..:** 01/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A250326-004 **Prep Batch #...:** 7030471									
Arsenic									
	ND	40.0	41.5	ug/L	103		SW846 6020	01/31-02/01/07	JNEGX1AX
	ND	40.0	40.0	ug/L	99	3.7	SW846 6020	01/31-02/01/07	JNEGX1A0
			Dilution Factor: 1						
			Analysis Time..: 20:30						
Antimony									
	ND	40.0	40.3	ug/L	101		SW846 6020	01/31-02/01/07	JNEGX1A5
	ND	40.0	38.2	ug/L	95	5.5	SW846 6020	01/31-02/01/07	JNEGX1A6
			Dilution Factor: 1						
			Analysis Time..: 20:30						
Beryllium									
	ND	40.0	42.0	ug/L	104		SW846 6020	01/31-02/01/07	JNEGX1A1
	ND	40.0	41.9	ug/L	104	0.44	SW846 6020	01/31-02/01/07	JNEGX1A2
			Dilution Factor: 1						
			Analysis Time..: 20:30						
Cadmium									
	ND	40.0	40.9	ug/L	102		SW846 6020	01/31-02/01/07	JNEGX1A3
	ND	40.0	40.0	ug/L	100	2.3	SW846 6020	01/31-02/01/07	JNEGX1A4
			Dilution Factor: 1						
			Analysis Time..: 20:30						
Thallium									
	ND	40.0	42.1	ug/L	105		SW846 6020	01/31-02/01/07	JNEGX1A7
	ND	40.0	41.1	ug/L	103	2.4	SW846 6020	01/31-02/01/07	JNEGX1A8
			Dilution Factor: 1						
			Analysis Time..: 20:30						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7A250326 **Matrix.....:** WATER
Date Sampled...: 01/23/07 10:28 **Date Received..:** 01/25/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A250326-001 **Prep Batch #...:** 7030480							
Barium	100	(85 - 120)			SW846 6010B	01/31-02/01/07	JNEGR1AX
	102	(85 - 120)	2.1	(0-25)	SW846 6010B	01/31-02/01/07	JNEGR1A0
		Dilution Factor: 1					
		Analysis Time..: 01:36					
Chromium	96	(73 - 135)			SW846 6010B	01/31-02/01/07	JNEGR1A1
	98	(73 - 135)	1.4	(0-25)	SW846 6010B	01/31-02/01/07	JNEGR1A2
		Dilution Factor: 1					
		Analysis Time..: 01:36					
Copper	97	(82 - 129)			SW846 6010B	01/31-02/01/07	JNEGR1A3
	99	(82 - 129)	2.2	(0-25)	SW846 6010B	01/31-02/01/07	JNEGR1A4
		Dilution Factor: 1					
		Analysis Time..: 01:36					
Nickel	94	(84 - 120)			SW846 6010B	01/31-02/01/07	JNEGR1A5
	96	(84 - 120)	2.2	(0-25)	SW846 6010B	01/31-02/01/07	JNEGR1A6
		Dilution Factor: 1					
		Analysis Time..: 01:36					
Lead	96	(89 - 121)			SW846 6010B	01/31-02/01/07	JNEGR1A7
	97	(89 - 121)	1.5	(0-25)	SW846 6010B	01/31-02/01/07	JNEGR1A8
		Dilution Factor: 1					
		Analysis Time..: 01:36					
Selenium	87	(71 - 140)			SW846 6010B	01/31-02/01/07	JNEGR1A9
	89	(71 - 140)	1.8	(0-25)	SW846 6010B	01/31-02/01/07	JNEGR1CA
		Dilution Factor: 1					
		Analysis Time..: 01:36					
Vanadium	96	(85 - 120)			SW846 6010B	01/31-02/01/07	JNEGR1CC
	98	(85 - 120)	2.0	(0-25)	SW846 6010B	01/31-02/01/07	JNEGR1CD
		Dilution Factor: 1					
		Analysis Time..: 01:36					
Zinc	89	(60 - 137)			SW846 6010B	01/31-02/01/07	JNEGR1CE
	90	(60 - 137)	1.6	(0-25)	SW846 6010B	01/31-02/01/07	JNEGR1CF
		Dilution Factor: 1					
		Analysis Time..: 01:36					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7A250326 **Matrix.....:** WATER
Date Sampled...: 01/23/07 10:28 **Date Received..:** 01/25/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	98	(75 - 141)			SW846 6010B	01/31-02/01/07	JNEGR1CG
	99	(75 - 141)	1.8	(0-25)	SW846 6010B	01/31-02/01/07	JNEGR1CH
		Dilution Factor: 1					
		Analysis Time..: 01:36					
Cobalt	94	(82 - 119)			SW846 6010B	01/31-02/01/07	JNEGR1CJ
	96	(82 - 119)	1.9	(0-25)	SW846 6010B	01/31-02/01/07	JNEGR1CK
		Dilution Factor: 1					
		Analysis Time..: 01:36					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250326 **Matrix.....:** WATER
Date Sampled...: 01/23/07 10:28 **Date Received..:** 01/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A250326-001 **Prep Batch #...:** 7030480									
Barium									
	ND	2000	2050	ug/L	100		SW846 6010B	01/31-02/01/07	JNEGR1AX
	ND	2000	2100	ug/L	102	2.1	SW846 6010B	01/31-02/01/07	JNEGR1A0
			Dilution Factor: 1						
			Analysis Time..: 01:36						
Chromium									
	ND	200	194	ug/L	96		SW846 6010B	01/31-02/01/07	JNEGR1A1
	ND	200	196	ug/L	98	1.4	SW846 6010B	01/31-02/01/07	JNEGR1A2
			Dilution Factor: 1						
			Analysis Time..: 01:36						
Copper									
	ND	250	243	ug/L	97		SW846 6010B	01/31-02/01/07	JNEGR1A3
	ND	250	248	ug/L	99	2.2	SW846 6010B	01/31-02/01/07	JNEGR1A4
			Dilution Factor: 1						
			Analysis Time..: 01:36						
Nickel									
	ND	500	473	ug/L	94		SW846 6010B	01/31-02/01/07	JNEGR1A5
	ND	500	483	ug/L	96	2.2	SW846 6010B	01/31-02/01/07	JNEGR1A6
			Dilution Factor: 1						
			Analysis Time..: 01:36						
Lead									
	ND	500	479	ug/L	96		SW846 6010B	01/31-02/01/07	JNEGR1A7
	ND	500	487	ug/L	97	1.5	SW846 6010B	01/31-02/01/07	JNEGR1A8
			Dilution Factor: 1						
			Analysis Time..: 01:36						
Selenium									
	ND	2000	1750	ug/L	87		SW846 6010B	01/31-02/01/07	JNEGR1A9
	ND	2000	1780	ug/L	89	1.8	SW846 6010B	01/31-02/01/07	JNEGR1CA
			Dilution Factor: 1						
			Analysis Time..: 01:36						
Vanadium									
	ND	500	482	ug/L	96		SW846 6010B	01/31-02/01/07	JNEGR1CC
	ND	500	491	ug/L	98	2.0	SW846 6010B	01/31-02/01/07	JNEGR1CD
			Dilution Factor: 1						
			Analysis Time..: 01:36						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250326 **Matrix.....:** WATER
Date Sampled...: 01/23/07 10:28 **Date Received..:** 01/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	500	449	ug/L	89		SW846 6010B	01/31-02/01/07	JNEGR1CE
	ND	500	456	ug/L	90	1.6	SW846 6010B	01/31-02/01/07	JNEGR1CF
			Dilution Factor: 1						
			Analysis Time..: 01:36						
Silver									
	ND	50.0	48.9	ug/L	98		SW846 6010B	01/31-02/01/07	JNEGR1CG
	ND	50.0	49.8	ug/L	99	1.8	SW846 6010B	01/31-02/01/07	JNEGR1CH
			Dilution Factor: 1						
			Analysis Time..: 01:36						
Cobalt									
	ND	500	470	ug/L	94		SW846 6010B	01/31-02/01/07	JNEGR1CJ
	ND	500	479	ug/L	96	1.9	SW846 6010B	01/31-02/01/07	JNEGR1CK
			Dilution Factor: 1						
			Analysis Time..: 01:36						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7A250326 **Matrix.....:** WATER
Date Sampled...: 01/24/07 10:07 **Date Received..:** 01/25/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A250326-003 **Prep Batch #...:** 7030480							
Barium	103	(85 - 120)			SW846 6010B	01/31-02/01/07	JNEGW1AX
	103	(85 - 120)	0.34	(0-25)	SW846 6010B	01/31-02/01/07	JNEGW1A0
		Dilution Factor: 1					
		Analysis Time..: 01:56					
Chromium	100	(73 - 135)			SW846 6010B	01/31-02/01/07	JNEGW1A1
	98	(73 - 135)	1.4	(0-25)	SW846 6010B	01/31-02/01/07	JNEGW1A2
		Dilution Factor: 1					
		Analysis Time..: 01:56					
Copper	100	(82 - 129)			SW846 6010B	01/31-02/01/07	JNEGW1A3
	100	(82 - 129)	0.64	(0-25)	SW846 6010B	01/31-02/01/07	JNEGW1A4
		Dilution Factor: 1					
		Analysis Time..: 01:56					
Nickel	97	(84 - 120)			SW846 6010B	01/31-02/01/07	JNEGW1A5
	97	(84 - 120)	0.28	(0-25)	SW846 6010B	01/31-02/01/07	JNEGW1A6
		Dilution Factor: 1					
		Analysis Time..: 01:56					
Lead	98	(89 - 121)			SW846 6010B	01/31-02/01/07	JNEGW1A7
	98	(89 - 121)	0.21	(0-25)	SW846 6010B	01/31-02/01/07	JNEGW1A8
		Dilution Factor: 1					
		Analysis Time..: 01:56					
Selenium	89	(71 - 140)			SW846 6010B	01/31-02/01/07	JNEGW1A9
	89	(71 - 140)	0.30	(0-25)	SW846 6010B	01/31-02/01/07	JNEGW1CA
		Dilution Factor: 1					
		Analysis Time..: 01:56					
Vanadium	99	(85 - 120)			SW846 6010B	01/31-02/01/07	JNEGW1CC
	99	(85 - 120)	0.81	(0-25)	SW846 6010B	01/31-02/01/07	JNEGW1CD
		Dilution Factor: 1					
		Analysis Time..: 01:56					
Zinc	92	(60 - 137)			SW846 6010B	01/31-02/01/07	JNEGW1CE
	91	(60 - 137)	1.0	(0-25)	SW846 6010B	01/31-02/01/07	JNEGW1CF
		Dilution Factor: 1					
		Analysis Time..: 01:56					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7A250326 **Matrix.....:** WATER
Date Sampled...: 01/24/07 10:07 **Date Received..:** 01/25/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	101	(75 - 141)			SW846 6010B	01/31-02/01/07	JNEGW1CG
	101	(75 - 141)	0.23	(0-25)	SW846 6010B	01/31-02/01/07	JNEGW1CH
		Dilution Factor: 1					
		Analysis Time..: 01:56					
Cobalt	97	(82 - 119)			SW846 6010B	01/31-02/01/07	JNEGW1CJ
	96	(82 - 119)	0.75	(0-25)	SW846 6010B	01/31-02/01/07	JNEGW1CK
		Dilution Factor: 1					
		Analysis Time..: 01:56					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250326 **Matrix.....:** WATER
Date Sampled...: 01/24/07 10:07 **Date Received..:** 01/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A250326-003 **Prep Batch #...:** 7030480									
Barium									
	ND	2000	2080	ug/L	103		SW846 6010B	01/31-02/01/07	JNEGW1AX
	ND	2000	2070	ug/L	103	0.34	SW846 6010B	01/31-02/01/07	JNEGW1A0
			Dilution Factor: 1						
			Analysis Time..: 01:56						
Chromium									
	11	200	210	ug/L	100		SW846 6010B	01/31-02/01/07	JNEGW1A1
	11	200	207	ug/L	98	1.4	SW846 6010B	01/31-02/01/07	JNEGW1A2
			Dilution Factor: 1						
			Analysis Time..: 01:56						
Copper									
	ND	250	251	ug/L	100		SW846 6010B	01/31-02/01/07	JNEGW1A3
	ND	250	249	ug/L	100	0.64	SW846 6010B	01/31-02/01/07	JNEGW1A4
			Dilution Factor: 1						
			Analysis Time..: 01:56						
Nickel									
	ND	500	485	ug/L	97		SW846 6010B	01/31-02/01/07	JNEGW1A5
	ND	500	486	ug/L	97	0.28	SW846 6010B	01/31-02/01/07	JNEGW1A6
			Dilution Factor: 1						
			Analysis Time..: 01:56						
Lead									
	ND	500	490	ug/L	98		SW846 6010B	01/31-02/01/07	JNEGW1A7
	ND	500	488	ug/L	98	0.21	SW846 6010B	01/31-02/01/07	JNEGW1A8
			Dilution Factor: 1						
			Analysis Time..: 01:56						
Selenium									
	ND	2000	1780	ug/L	89		SW846 6010B	01/31-02/01/07	JNEGW1A9
	ND	2000	1780	ug/L	89	0.30	SW846 6010B	01/31-02/01/07	JNEGW1CA
			Dilution Factor: 1						
			Analysis Time..: 01:56						
Vanadium									
	ND	500	505	ug/L	99		SW846 6010B	01/31-02/01/07	JNEGW1CC
	ND	500	501	ug/L	99	0.81	SW846 6010B	01/31-02/01/07	JNEGW1CD
			Dilution Factor: 1						
			Analysis Time..: 01:56						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250326 **Matrix.....:** WATER
Date Sampled...: 01/24/07 10:07 **Date Received..:** 01/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	500	462	ug/L	92		SW846 6010B	01/31-02/01/07	JNEGW1CE
	ND	500	457	ug/L	91	1.0	SW846 6010B	01/31-02/01/07	JNEGW1CF
			Dilution Factor: 1						
			Analysis Time..: 01:56						
Silver									
	ND	50.0	50.6	ug/L	101		SW846 6010B	01/31-02/01/07	JNEGW1CG
	ND	50.0	50.4	ug/L	101	0.23	SW846 6010B	01/31-02/01/07	JNEGW1CH
			Dilution Factor: 1						
			Analysis Time..: 01:56						
Cobalt									
	ND	500	485	ug/L	97		SW846 6010B	01/31-02/01/07	JNEGW1CJ
	ND	500	481	ug/L	96	0.75	SW846 6010B	01/31-02/01/07	JNEGW1CK
			Dilution Factor: 1						
			Analysis Time..: 01:56						

NOTE(S):

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

48 IRI
1/25/07

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

103

STL-4124 (0901)

Client	WASTE MANAGEMENT
Address	2859 PACES FERRY RD. STE. 1600
City	ATLANTA
State	GA
Zip Code	30339
Project Manager	MARK SNYDER
Telephone Number (Area Code)/Fax Number	770-305-3529
Site Contact	
Lab Contact	Betty Sara
Carrier/Waybill Number	
Project Name and Location (State)	Piedmont LF KERNEVILLE, NC
Contract/Purchase Order/Quote No.	134 26744-A
Date	1-24-2007
Chain of Custody Number	340663
Lab Number	
Page	1 of 2

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): VOA	Metals (Tot)	DIS. Metals - filtered	Special Instructions/ Conditions of Receipt
3406-MW01	1-23-07	10:28		X					X	X			X	X		
3406-MW02	1-23-07	14:26		X					X	X			X	X		
3406-MW03	1-24-07	10:07		X					X	X			X	X		
3406-MW04	1-22-07	13:48		X					X	X			X	X	X	HOLD DIS. METALS
3406-MW04D	1-23-07	08:40		X					X	X			X	X	X	
3406-MW05	1-23-07	12:44		X					X	X			X	X		
3406-MW06	1-23-07	09:33		X					X	X			X	X		
3406-MW07	1-24-07	09:22		X					X	X			X	X		
3406-MW08	1-23-07	11:39		X					X	X			X	X	X	- HOLD: DIS. METALS
3406-MW09R	1-24-07	10:59		X					X	X			X	X		
3406-MW10	1-23-07	16:45		X					X	X			X	X		
3406-MW11	1-23-07	16:05		X					X	X			X	X		

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

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

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

QC Requirements (Specify)

	Date	Time
1. Relinquished By: Daniel Gardner	1-24-07	16:05
2. Relinquished By		
3. Relinquished By		

	Date	Time
1. Received By: [signature]	1/25/07	0830
2. Received By		
3. Received By		

Comments
Please HOLD Dissolved Metals for: -MW04, 04D, 08, and 12 for later analysis

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

104

STL 4124 (0901)

Client: WASTE MANAGEMENT	Project Manager: MARK SNYDER	Date:	Chain of Custody Number: 340664
Address: 2859 PACES FERRY RD, STE. 1600	Telephone Number (Area Code)/Fax Number: 770-805-3529	Lab Number:	Page 2 of 2
City: ATLANTA; State: GA; Zip Code: 30339	Site Contact:	Lab Contact: BETSY SARA	
Project Name and Location (State): PIEDMONT L.F. KERNERSVILLE, NC	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 134 26744-A			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil		Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		Analysis (Attach list if more space is needed): VOA	Metals (Total)	DIS. Metals (filtered)	Special Instructions/ Conditions of Receipt
3406-MW11D	1-23-07	15:31		X						X	X				X	X		
3406-MW12	1-22-07	15:50		X						X	X				X	X	X	HOLD DIS. METALS
3406-MW12D	1-22-07	16:42		X						X	X				X	X		
3406-01FB	1-24-07	14:10		X						X	X				X	X		
3406-TRIPBLANK				X							X				X			

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

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

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

QC Requirements (Specify)

1. Relinquished By: Daniel Gardner	Date: 1-24-07	Time: 16:05	1. Received By: [signature]	Date: 1/25/07	Time: 0830
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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT LF

Site No.: 134 Sample Point: MW01 (3406) 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: D7A250326-001

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
012307	1010	18	10	15	07

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

PURGE/SAMPLE EQUIPMENT

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

Purging Device: 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: D,C — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): 8393 (ft/msl)

Depth to Water (DTW) (from TOC): 4277 (ft)

Groundwater Elevation (site datum, from TOC): 781.16 (ft/msl)

Total Well Depth (from TOC): 4900 (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)
1st	1016		624	95	119	86	88	813	430
2nd	1019		585	92	121	44	85	867	431
3rd	1022		558	84	125	35	86	884	431
4th	1025		548	75	126	38	86	894	431
	1028		541	76	127	26	85	916	431
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
012307	541	76	127	26	85	916	431

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: Clear Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: 0-5 mph Outlook: Sunny, 30's Precipitation: Y or (N)

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

FIELD COMMENTS

SYSTEM VOLUME: 1380 mL FLOW CELL VOLUME: 500 mL

PURGE RATE: 200 mL/min

Psi setting: 25 psi

WELL CONDITION: Good

SAMPLE TIME: 10:28

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
1/23/07	Eric Felton	[signature]	J.E.I.
1/25/07	DANIEL GIRDNER	[signature]	J.E.I.

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F. 3406-

Site No.: 134 Sample Point: MW02 (Sample ID)

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

Laboratory Use Only/Lab ID: 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
012307	1412		1	20	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: C,D — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 77804 (ft/msl)

Depth to Water (DTW) (from TOC): 2852 (ft)

Groundwater Elevation (site datum, from TOC): 74952 (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)
1418		1st 554	1st 122	141	69	53	1140	292
1420		2nd 543	2nd 122	144	37	42	1046	291
1422		3rd 539	3rd 121	146	34	33	994	290
1424		4th 535	4th 120	143	24	36	958	292
1426		533	120	145	29	35	954	293
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 fo*

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
012307	533	120	145	29	35	954	293

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

FIELD COMMENTS

Sample Appearance: Clear Odor: NONE Color: NA Other: 48°F

Weather Conditions (required daily, or as conditions change): Direction/Speed: E, 0-3 mph Outlook: MOSTLY SUNNY Precipitation: Y or (N)

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

SYSTEM VOL.: 750 mL FLOW CELL VOL.: 500 mL

PURGE RATE: 250 mL/min

PSI set: 20

WELL CONDITION: Well pad buried w/ sed. + vegatation,

SAMPLE TIME: 14:26

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
1/23/07	DANIEL GARDNER	Daniel Gardner	JEI
1/23/07	Eric Felton	[illegible]	JEI

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 134

Sample Point: MW03 (Sample ID) 3406-

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
012407	0950	0017	22	10	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: D Z — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

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

Depth to Water (DTW) (from TOC): 2444 (ft)

Groundwater Elevation (site datum, from TOC): 74564 (ft/msl)

Total Well Depth (from TOC): 3800 (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)
0955	–	1st 608	1st 133	126	18	74	667	252
0958	–	2nd 604	2nd 134	129	14	71	685	252
1001	–	3rd 602	3rd 134	132	20	66	701	252
1004	–	4th 606	4th 134	131	20	66	714	251
1007	–	608	134	131	20	68	723	251
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
012407	608	134	131	20	68	723	251

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

FIELD COMMENTS

Sample Appearance: Clear

Odor: ~~None~~ AEF Slight Odor Color: Clear Other: —

Weather Conditions (required daily, or as conditions change): Direction/Speed: Clam 0mph Outlook: Sunny 43° Precipitation: Y or (N)

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

SYSTEM VOL.: 800 mL FLOWCELL VOL.: 500 mL

PURGE RATE: 200 mL/min

PSI setting: 25

WELL CONDITION: Good

SAMPLE TIME: 10:07

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

Date	Name	Signature	Company
1/24/07	Eric Felton	[signature]	JEI
1/24/07	DANIEL GIRDNER	[signature]	JEI

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 134 Sample Point: 3406 MW04 Sample ID

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

Laboratory Use Only/Lab ID: 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
012207	1321		23	11	

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: D,C — 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)
75692 (ft/msl)	126.2 (ft)	744.30 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
2700 (ft)	(ft)	02 (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	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1321		1st 524	1st 78	149	23	29	1120	~~13~~ 134
24		2nd 519	2nd 76	151	12	28	1106	134
27		3rd 512	3rd 74	151	07	26	1098	133
30		4th 517	4th 73	151	06	24	1011	125
33		518	73	151	09	20	995	134
36		518	71	151	04	26	981	134
39		516	71	151	07	22	1020	133
42		516	72	151	06	19	1036	134
45		522	72	150	04	18	1016	133
1348		520	72	151	07	17	1025	133
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 for.*

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.
012207	520	72	151	07	17	1025	133

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: NA Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: NE 0-5 mph Outlook: CLOUDY Precipitation: Y or (N)

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

FIELD COMMENTS

SYSTEM VOL.: 940 mL — FLOW CELL VOL.: 500 mL

PURGING RATE: 200 mL/min — ⚠CAUTION: KEEP TURBIDITY LOW

PSI setting: 220 — FILTER DEVICE ABOVE USED ONLY FOR DIS. METALS

WELL CONDITION: GOOD

SAMPLE TIME: 13:48

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
1/22/07	DANIEL GIRDNER	Daniel Girdner	JEI
1/22/07	Eric Felton	[signature]	JEI

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 134

Sample Point: MW4D (3406) — 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
012207			80	195	2.4

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: C, D — 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): 1303 (ft)

Groundwater Elevation (site datum, from TOC): 74430 (ft/msl)

Total Well Depth (from TOC): 6200 (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)
	1st	615	102	140	357	91	782	131
	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: DTW Units ft.
012307	625	107	139	401	92	777	1299

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

FIELD COMMENTS

Sample Appearance: clear — Odor: NONE — Color: N/A — Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: Calm, 0 mph — Outlook: PARTLY CLOUDY — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required): * Even at 100 mL/min Turbidity hit 300+, Purged 2.4 vols. - well "dry"

SYSTEM VOL.: 1020 mL — FLOW CELL VOL.: 500 mL

PURGE RATE: 100 mL/min — ⚠ CAUTION!: KEEP TURBIDITY LOW!

PSI setting: 22 — FILTE DEVICE ABOVE USED ONLY FOR DIS. METALS BOTTLE

WELL CONDITION: GOOD

SAMPLE TIME: 08:40 1-23-07

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

Date	Name	Signature	Company
1/23/07	DANIEL GIRDNER	Daniel Girdner	JEI
1/23/07	Eric Felton	[signature]	JEI

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 134 Sample Point: MW05 (Sample ID) 3406

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
012307	1220	24	25	10	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, D — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): 74317 (ft/msl)

Depth to Water (DTW) (from TOC): 495 (ft)

Groundwater Elevation (site datum, from TOC): 73822 (ft/msl)

Total Well Depth (from TOC): 2050 (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)
1235	—	1st 625	1st 255	125	603	44	829	55
1238	—	2nd 621	2nd 259	129	163	35	781	55
1241	—	3rd 623	3rd 263	132	58	25	670	55
1244	—	4th 620	4th 268	133	28	22	630	55
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 fo*

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
012307	620	268	133	28	22	630	55

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: Clear Other: —

Weather Conditions (required daily, or as conditions change): Direction/Speed: N 0-5 mph Outlook: Sunny, 40s Precipitation: Y or (N)

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

FIELD COMMENTS

SYSTEM VOL.: 605 mL FLOW CELL VOL.: 500 mL

PURGE RATE: 200 mL/min

PSI setting: 10

WELL CONDITION: Good

SAMPLE TIME: 12:44

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
1/23/07	Eric Felton	[signature]	JEI
1/23/07	DANIEL GARDNER	[signature]	JEI

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 134 Sample Point: MW06 (Sample ID) 3406-

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
012307	0922	16	12	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

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

Sampling Device: C

X-Other:

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

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

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

WELL DATA

Well Elevation (at TOC): 80087 (ft/msl)

Depth to Water (DTW) (from TOC): 22.45 (ft)

Groundwater Elevation (site datum, from TOC): 77842 (ft/msl)

Total Well Depth (from TOC): 29.60 (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)
0932		1st 5.43	1st 134	117	44	8.3	940	24.2
0935		2nd 5.27	2nd 138	122	20	7.9	958	24.1
0938		3rd 5.24	3rd 135	122	20	7.6	958	23.8
		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: DTW Units ft.
012307	524	135	122	20	7.6	958	23.8

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

Sample Appearance: Clear Odor: none Color: n/a Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: E, 0-5 mph Outlook: MOSTLY SUNNY Precipitation: Y or (N)

FIELD COMMENTS

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

SYSTEM VOL.: 1000 mL FLOW CELL VOL.: 500 mL

PURGE RATE: 200 mL/min

PSI setting: 19

WELL CONDITION: GOOD, VINE OVERGROWTH

SAMPLE TIME: 09:38

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
1/23/07	DANIEL GIRDNER	[signature]	JEI
1/23/07	Eric Felton	[signature]	JEI

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT LF.

Site No.: 134

Sample Point: MW07 (Sample ID) 3406'

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
012409	0905	117	09	10	11

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

WELL DATA

Well Elevation (at TOC): 77157 (ft/msl)

Depth to Water (DTW) (from TOC): 2590 (ft)

Groundwater Elevation (site datum, from TOC): 74567 (ft/msl)

Total Well Depth (from TOC): 3130 (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)
0913	1st	602	129	135	45	64	655	260
0916	2nd	602	130	139	39	64	589	260
0919	3rd	604	130	140	14	63	589	260
0922	4th	604	129	141	38	64	559	260
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 for*

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
012407	604	129	141	38	64	559	26.0

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

Sample Appearance: clear Odor: none Color: N/A Other: 32°F

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM, 0 mph Outlook: SUNNY Precipitation: Y or (N)

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

FIELD COMMENTS

SYSTEM VOL.: 720 mL FLOW CELL VOL.: 500 mL

PURGE RATE: 200 mL/min

PSI setting: 18

WELL CONDITION: GOOD

SAMPLE TIME: 09:22

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
1/24/07	DANIEL GIRDNER	Daniel Girdner	JEI
1/24/07	Eric Felton	[illegible]	JEI

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 134 Sample Point: MW08 (Sample ID) 3406-

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
012307	1058	41	22	08	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 — 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): 74895 (ft/msl)

Depth to Water (DTW) (from TOC): 516 (ft)

Groundwater Elevation (site datum, from TOC): 74379 (ft/msl)

Total Well Depth (from TOC): 1880 (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)
1120	1st	551	125	9.8	857	4.0	911	5.4
1124	2nd	547	129	11.1	1060	2.9	859	5.5
~~1128~~ *	3rd	550	131	10.9	762	2.7	774	5.4
1136	4th	550	131	10.9	957	2.6	766	5.4
1139		550	132	11.0	887	2.3	761	5.4
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: DTW Units FT
012307	550	132	110	887	23	761	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.*

Sample Appearance: slight orange tint Odor: NONE Color: lt. orange Other: algae & lt. sed.

Weather Conditions (required daily, or as conditions change): Direction/Speed: E, 0-5 mph Outlook: MOSTLY SUNNY Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required): * COULD NOT MAINTAIN LOWER FLOW, RE-SET & TIMED

FIELD COMMENTS

SYSTEM VOL.: 600 mL FLOW CELL VOL.: 500 mL

PURGE RATE: ~~125 mL/min~~ 200 mL/min ⚠ CAUTION! KEEP TURBIDITY LOW

PSI setting: ~~15~~ 18 FILTER DEVICE USED ONLY FOR DISSOLVED METALS SAMPLE

WELL CONDITION: GOOD, GATE NEEDS HASP & LOCK, OVERGROWN

SAMPLE TIME: 11:39

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
1/23/07	DANIEL GARDNER	Daniel Gardner	JEI
1/23/07	Eric Felten	[signature]	JEI

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F. 34-06-

Site No.: 134 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
012407	1033		28	20	14

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): 76495 (ft/msl)

Depth to Water (DTW) (from TOC): 2562 (ft)

Groundwater Elevation (site datum, from TOC): 73933 (ft/msl)

Total Well Depth (from TOC): 4295 (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)
1043	1st	6.60	566	14.3	13	2.0	-150	262
1045	2nd	6.45	538	14.4	10	2.0	-150	260
1047	3rd	6.37	487	14.3	10	1.9	-12	260
1049	4th	6.32	464	14.5	10	1.7	28	263
1051		6.30	449	14.7	12	1.4	114	263
1053		6.28	444	14.7	12	1.2	159	262
1055		6.30	439	14.5	59	1.2	210	263
1057		6.31	435	14.7	32	1.3	184	264
1059		6.31	436	14.7	20	1.1	214	264
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 for.*

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
012407	6.31	436	14.7	20	1.1	214	26.4

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, ants at first — Odor: SLIGHT — Color: NA — Other: 45

Weather Conditions (required daily, or as conditions change): Direction/Speed: NE/0-5 mph — Outlook: SUNNY — Precipitation: Y or (N)

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

SYSTEM VOL.: 830 mL FLOW CELL VOL. 500 mL

PURGE RATE: 300 mL/min

PSI 25

WELL CONDITION: GOOD

SAMPLE TIME: 10:59

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
1/24/07	DANIEL GIRDNER	Daniel Girdner	JEI
1/24/07	Eric Felton	[signature]	JEI

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 134

Sample Point: MW10 (Sample ID) 3406

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
012307	1635	10	10	10	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,D — 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): 3206 (ft)

Groundwater Elevation (site datum, from TOC): 74514 (ft/msl)

Total Well Depth (from TOC): 3800 (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)
1637	—	1st 589	1st 106	141	78	62	958	322
1639	—	2nd 591	2nd 110	141	61	61	945	322
1641	—	3rd 585	3rd 113	145	60	57	906	323
1643	—	4th 585	4th 113	146	50	54	862	323
1645	—	586	110	146	82	53	820	323
:								
:								
:								
:								
:								
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.
012307	586	110	146	82	53	820	323

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: Clear — Other: —

Weather Conditions (required daily, or as conditions change): Direction/Speed: E 0-5 mph — Outlook: Sunny 40s° — Precipitation: Y or (N)

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

FIELD COMMENTS

SYSTEM VOL.: 780 mL — FLOW CELL VOL.: 500 mL

PURGE RATE: 250 mL/min

PSI setting: 19

WELL CONDITION: Good

SAMPLE TIME: 16:45

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
1/23/07	Eric Felton	[signature]	JEI
1/23/07	DANIEL GIRDNER	[signature]	JEI

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 134 Sample Point: MW11 (3406-- 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
012307	1546	20	66	17	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

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): 77680 (ft/msl)

Depth to Water (DTW) (from TOC): 2840 (ft)

Groundwater Elevation (site datum, from TOC): 74840 (ft/msl)

Total Well Depth (from TOC): 3500 (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)
1st	1550		576	136	131	63	43	988	288
2nd	1553		574	139	133	64	34	934	289
3rd	1556		567	139	134	71	29	904	289
4th	1559		562	140	137	42	29	917	290
	1602		565	140	137	27	32	894	290
	1605		566	140	131	45	30	861	290
	:								
	:								
	:								
	:								
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
012307	566	140	131	45	30	861	290

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: N/A Other: 50° F

Weather Conditions (required daily, or as conditions change): Direction/Speed: E, 0-5 mph Outlook: PARTLY CLOUDY Precipitation: Y or (N)

FIELD COMMENTS

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

SYSTEM VOL.: 750 mL FLOW CELL VOL.: 500 mL

PURGE RATE: 200 mL/min

PSI setting: 20

WELL CONDITION: well pad burried by sediment, surface water draining near to pad

SAMPLE TIME: 16:05

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
1/23/07	DANIEL GARDNER	[signature]	JEI
1/23/07	Eric Felton	[signature]	JEI

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 134

Sample Point: MW11D (3406- 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
012307	1450	41	110	15	07

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

PURGE/SAMPLE EQUIPMENT

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

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

Purging Device: 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: C,D — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 77636 (ft/msl)

Depth to Water (DTW) (from TOC): 2842 (ft)

Groundwater Elevation (site datum, from TOC): 74794 (ft/msl)

Total Well Depth (from TOC): 9350 (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)
1511	—	1st 605	1st 64	116	81	78	863	305
1515	—	2nd 602	2nd 66	113	58	85	812	301
1519	—	3rd 596	3rd 65	115	57	83	834	303
1523	—	4th 599	4th 65	114	47	84	796	299
1527	—	593	66	116	50	83	808	303
1531	—	587	67	126	91	82	832	306
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

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

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: DTW Units ft
012307	587	67	126	91	82	832	306

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

FIELD COMMENTS

Sample Appearance: Clear Odor: None Color: Clear Other: —

Weather Conditions (required daily, or as conditions change): Direction/Speed: E 0-5 mph Outlook: Sunny, 48°F Precipitation: Y or (N)

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

SYSTEM VOL.: 1340 mL FLOW CELL VOL.: 500 mL

PURGE RATE: 150 mL/min

PSI setting: 50 psi

WELL CONDITION: Good, Water running from road overtowell pad

SAMPLE TIME: 15:31

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
1/23/07	Eric Felton	[signature]	JEI
1/23/07	DANIEL GIRDNER	[signature]	JEI

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 134

Sample Point: MW12 (Sample ID) 3406 -

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
012207	1510	40	20	20	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 — 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): 75148 (ft/msl)

Depth to Water (DTW) (from TOC): 553 (ft)

Groundwater Elevation (site datum, from TOC): 74595 (ft/msl)

Total Well Depth (from TOC): 1800 (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)
15:34	— 1st	6.33 1st	106 1st	10.4	82.4	3.9	357	5.8
15:38	— 2nd	6.24 2nd	105 2nd	10.1	98.9	4.9	313	5.9
15:42	— 3rd	6.27 3rd	107 3rd	11.2	74.2	2.6	265	5.9
15:46	— 4th	6.26 4th	108 4th	11.0	55.8	2.7	258	5.9
15:50		6.25	107	11.0	58.8	3.0	257	6.0
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

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

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: DTW Units Ft
012207	6.25	107	11.0	58.8	3.0	257	6.0

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

Sample Appearance: Clear — Odor: None — Color: Clear — Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: NE 0-5 mph — Outlook: Cloudy, 40s — Precipitation: Y or (N)

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

FIELD COMMENTS

SYSTEM VOL: 600 mL

PURGE RATE: 125 mL/min — ⚠CAUTION!: KEEP TURBIDITY LOW!

PSI setting: 10 — FILTER DEVICE USED FOR DISSOLVED METALS SAMPLE ONLY

WELL CONDITION: Good

SAMPLE TIME: 15:50

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
1/22/07	Eric Felton	[signature]	JEI
1/22/07	DANIEL GIRDNER	[signature]	JEI

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 134

Sample Point: MW12D (3406-) 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
012207	1622		62	05	008

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

WELL DATA

Well Elevation (at TOC): 75153 (ft/msl)

Depth to Water (DTW) (from TOC): 520 (ft)

Groundwater Elevation (site datum, from TOC): 74633 (ft/msl)

Total Well Depth (from TOC): 4330 (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)
1630		1st 692	1st 174	107	269	~~362~~ 3.6	353	52
1633		2nd 687	2nd 178	107	123	53	291	52
1636		3rd 687	3rd 183	106	81	48	267	52
1639		4th 690	4th 183	108	63	46	258	52
1642		691	185	110	53	44	256	52
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
012207	691	185	110	53	44	256	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.*

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: none — Color: nil — Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: NE/0.5 mph — Outlook: CLOUDY — Precipitation: Y or (N)

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

SYSTEM VOL.: 580 mL — FLOWCELL VOL.: 500 mL

PURGE RATE: 200 mL/min

PSI setting: 20

WELL CONDITION: GOOD, Excess vines

SAMPLE TIME: 16:42

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
1/22/07	DANIEL GARDNER	[signature]	JEI
1/22/07	Eric Felton	[signature]	JEI

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

SEVERN TRENT STL

STL Denver
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Arvada, CO 80002

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www.stl-inc.com

ANALYTICAL REPORT

Project No. Site 134

Piedmont Landfill

Lot #: D7A250158

Surfacewater

Mark Snyder

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

Cc: Van Burbach

Severn Trent Laboratories, Inc./STL DENVER
North Carolina Certification # 358

Betsy Sara
Project Manager

February 7, 2007

RECEIVED FEB 08 2007

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- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **Chain-of-Custody**

Case Narrative

Enclosed is the report for six samples received at STL Denver on January 25, 2007. The results included in this report have been reviewed for compliance with STL's Laboratory Quality Manual. The test results shown in this report meet all requirements of NELAC and any exceptions are noted below. STL Denver is NELAP approved for all parameters reported. STL's North Carolina certification number is 358.

This report may include reporting limits (RLs) less than STL 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.

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

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Quality Control Summary for Lot D7A250158

Sample Receiving

The cooler temperature upon receipt at the Denver laboratory was 3.4°C.

All sample bottles were received in acceptable condition.

Holding Times

All holding times were within established control limits.

Trip Blanks

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 all samples at similar levels, therefore, the Methylene Chloride in these samples is likely due to laboratory artifact.

Method Blanks

1,2-Dichlorobenzene, 1,4-Dichlorobenzene, and Methylene Chloride Method 8260B were detected in the Method Blank below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits. The Method Blank data are included at the end of this report.

All other Method Blanks were within established control limits.

Lot #: D7A250158

Laboratory Control Samples (LCS)

The Method 6010B LCS exhibited a recovery of Total Silver above the upper control limit. However, since the data are considered to be biased high and all associated samples were non-detect for Total Silver, corrective action was deemed unnecessary.

All other 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

D7A250158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
3406-S01 01/24/07 11:55 001				
Arsenic	[redacted]	5.0	ug/L	SW846 6020
Methylene chloride	[redacted] J,B	5.5	ug/L	SW846 8260B
3406-S02 01/24/07 13:00 002				
Methylene chloride	[redacted] J,B	5.5	ug/L	SW846 8260B
3406-S03 01/24/07 12:15 003				
Arsenic	[redacted] B	5.0	ug/L	SW846 6020
Methylene chloride	[redacted] J,B	5.5	ug/L	SW846 8260B
3406-S04 01/24/07 12:40 004				
Arsenic	[redacted] B	5.0	ug/L	SW846 6020
Methylene chloride	[redacted] J,B	5.5	ug/L	SW846 8260B
3406-S05 01/24/07 11:30 005				
Arsenic	[redacted] B	5.0	ug/L	SW846 6020
cis-1,2-Dichloroethene	[redacted] J	5.0	ug/L	SW846 8260B
Methylene chloride	[redacted] J,B	5.5	ug/L	SW846 8260B
TRIP BLANK 01/24/07 006				
Methylene chloride	[redacted] J,B	5.5	ug/L	SW846 8260B

PREPARATION METHODS SUMMARY

D7A250158

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

References:

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

ANALYTICAL METHODS SUMMARY

D7A250158

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

References:

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

METHOD / ANALYST SUMMARY

D7A250158

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 6010B	Lynn-Anne Trudell	006645
SW846 6020	Thomas Lill	6929
SW846 8260B	Jennifer Hazard	007928

References:

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

SAMPLE SUMMARY

D7A250158

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JNC60	001	3406-S01	01/24/07	11:55
JNC63	002	3406-S02	01/24/07	13:00
JNC64	003	3406-S03	01/24/07	12:15
JNC65	004	3406-S04	01/24/07	12:40
JNC66	005	3406-S05	01/24/07	11:30
JNC67	006	TRIP BLANK	01/24/07	

NOTE(S):

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

Waste Management, Inc.

Client Sample ID: 3406-S01

GC/MS Volatiles

Lot-Sample #...: D7A250158-001 **Work Order #...:** JNC601A0 **Matrix.....:** WATER
Date Sampled...: 01/24/07 11:55 **Date Received..:** 01/25/07
Prep Date.....: 02/05/07 **Analysis Date..:** 02/06/07
Prep Batch #...: 7037356 **Analysis Time..:** 04:10
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
2-Butanone (MEK)	ND	100	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	**0.45 J,B**	**5.5**	**ug/L**
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 3406-S01

GC/MS Volatiles

Lot-Sample #...: D7A250158-001 **Work Order #...:** JNC601A0 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(79 - 119)
1,2-Dichloroethane-d4	102	(65 - 126)
4-Bromofluorobenzene	102	(75 - 115)
Toluene-d8	107	(78 - 118)

NOTE(S):

J Estimated result. Result is less than RL.

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

Waste Management, Inc.

Client Sample ID: 3406-S02

GC/MS Volatiles

Lot-Sample #...: D7A250158-002 **Work Order #...:** JNC631A0 **Matrix.....:** WATER
Date Sampled...: 01/24/07 13:00 **Date Received..:** 01/25/07
Prep Date.....: 02/05/07 **Analysis Date..:** 02/06/07
Prep Batch #...: 7037356 **Analysis Time..:** 04:29
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
2-Butanone (MEK)	ND	100	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	**0.42 J,B**	**5.5**	**ug/L**
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: 3406-S02

GC/MS Volatiles

Lot-Sample #...: D7A250158-002 **Work Order #...:** JNC631A0 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(79 - 119)
1,2-Dichloroethane-d4	100	(65 - 126)
4-Bromofluorobenzene	99	(75 - 115)
Toluene-d8	109	(78 - 118)

NOTE(S):

J Estimated result. Result is less than RL.

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

Waste Management, Inc.

Client Sample ID: 3406-S03

GC/MS Volatiles

Lot-Sample #...: D7A250158-003 **Work Order #...:** JNC641A0 **Matrix.....:** WATER
Date Sampled...: 01/24/07 12:15 **Date Received..:** 01/25/07
Prep Date.....: 02/05/07 **Analysis Date..:** 02/06/07
Prep Batch #...: 7037356 **Analysis Time..:** 04:47
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
2-Butanone (MEK)	ND	100	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	**0.43 J,B**	**5.5**	**ug/L**
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: 3406-S03

GC/MS Volatiles

Lot-Sample #...: D7A250158-003 **Work Order #...:** JNC641A0 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(79 - 119)
1,2-Dichloroethane-d4	98	(65 - 126)
4-Bromofluorobenzene	98	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

J Estimated result. Result is less than RL.

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

Waste Management, Inc.

Client Sample ID: 3406-S04

GC/MS Volatiles

Lot-Sample #...: D7A250158-004 **Work Order #...:** JNC651A0 **Matrix.....:** WATER
Date Sampled...: 01/24/07 12:40 **Date Received..:** 01/25/07
Prep Date.....: 02/05/07 **Analysis Date..:** 02/06/07
Prep Batch #...: 7037356 **Analysis Time..:** 05:06
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
2-Butanone (MEK)	ND	100	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	**0.45 J,B**	**5.5**	**ug/L**
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: 3406-S04

GC/MS Volatiles

Lot-Sample #...: D7A250158-004 **Work Order #...:** JNC651A0 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(79 - 119)
1,2-Dichloroethane-d4	99	(65 - 126)
4-Bromofluorobenzene	99	(75 - 115)
Toluene-d8	107	(78 - 118)

NOTE(S):

J Estimated result. Result is less than RL.

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

Waste Management, Inc.

Client Sample ID: 3406-S05

GC/MS Volatiles

Lot-Sample #...: D7A250158-005 **Work Order #...:** JNC661A0 **Matrix.....:** WATER
Date Sampled...: 01/24/07 11:30 **Date Received..:** 01/25/07
Prep Date.....: 02/05/07 **Analysis Date..:** 02/06/07
Prep Batch #...: 7037356 **Analysis Time..:** 05:24
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
2-Butanone (MEK)	ND	100	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
cis-1,2-Dichloroethene	**0.22 J**	**5.0**	**ug/L**
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	**0.42 J,B**	**5.5**	**ug/L**
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: 3406-S05

GC/MS Volatiles

Lot-Sample #...: D7A250158-005 **Work Order #...:** JNC661A0 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(79 - 119)
1,2-Dichloroethane-d4	102	(65 - 126)
4-Bromofluorobenzene	98	(75 - 115)
Toluene-d8	107	(78 - 118)

NOTE(S):

J Estimated result. Result is less than RL.

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

Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D7A250158-006
Date Sampled...: 01/24/07
Prep Date.....: 02/05/07
Prep Batch #...: 7037356
Dilution Factor: 1

Work Order #...: JNC671AA
Date Received..: 01/25/07
Analysis Date..: 02/06/07
Analysis Time..: 05:42

Matrix.....: WATER

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
2-Butanone (MEK)	ND	100	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	ND	5.0	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	**0.59 J,B**	**5.5**	**ug/L**
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D7A250158-006 **Work Order #...:** JNC671AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	ND	4.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(79 - 119)
1,2-Dichloroethane-d4	101	(65 - 126)
4-Bromofluorobenzene	99	(75 - 115)
Toluene-d8	106	(78 - 118)

NOTE(S):

J Estimated result. Result is less than RL.

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

Waste Management, Inc.

Client Sample ID: 3406-S01

TOTAL Metals

Lot-Sample #...: D7A250158-001 **Matrix.....:** WATER
Date Sampled...: 01/24/07 11:55 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7026343						
Barium	ND	100	ug/L	SW846 6010B	01/26-01/29/07	JNC601AD
		Dilution Factor: 1		Analysis Time..: 16:06		
Chromium	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNC601AF
		Dilution Factor: 1		Analysis Time..: 16:06		
Copper	ND	15	ug/L	SW846 6010B	01/26-01/29/07	JNC601AG
		Dilution Factor: 1		Analysis Time..: 16:06		
Nickel	ND	50	ug/L	SW846 6010B	01/26-01/29/07	JNC601AH
		Dilution Factor: 1		Analysis Time..: 16:06		
Lead	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNC601AJ
		Dilution Factor: 1		Analysis Time..: 16:06		
Selenium	ND	15	ug/L	SW846 6010B	01/26-01/29/07	JNC601AL
		Dilution Factor: 1		Analysis Time..: 16:06		
Vanadium	ND	25	ug/L	SW846 6010B	01/26-01/29/07	JNC601AN
		Dilution Factor: 1		Analysis Time..: 16:06		
Zinc	ND	20	ug/L	SW846 6010B	01/26-01/29/07	JNC601AP
		Dilution Factor: 1		Analysis Time..: 16:06		
Silver	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNC601AQ
		Dilution Factor: 1		Analysis Time..: 16:06		
Cobalt	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNC601AR
		Dilution Factor: 1		Analysis Time..: 16:06		
Prep Batch #...: 7026431						
Thallium	ND	1.0	ug/L	SW846 6020	01/30/07	JNC601A1
		Dilution Factor: 1		Analysis Time..: 22:16		
Arsenic	**0.27 B**	**5.0**	**ug/L**	**SW846 6020**	**01/30/07**	**JNC601A2**
		Dilution Factor: 1		Analysis Time..: 22:16		
Beryllium	ND	1.0	ug/L	SW846 6020	01/30/07	JNC601A3
		Dilution Factor: 1		Analysis Time..: 22:16		

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Waste Management, Inc.

Client Sample ID: 3406-S01

TOTAL Metals

Lot-Sample #...: D7A250158-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium	ND	1.0	ug/L	SW846 6020	01/30/07	JNC601A4
		Dilution Factor: 1		Analysis Time..: 22:16		
Antimony	ND	2.0	ug/L	SW846 6020	01/30/07	JNC601A5
		Dilution Factor: 1		Analysis Time..: 22:16		

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-S02

TOTAL Metals

Lot-Sample #...: D7A250158-002 **Matrix.....:** WATER
Date Sampled...: 01/24/07 13:00 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7026343						
Barium	ND	100	ug/L	SW846 6010B	01/26-01/29/07	JNC631AD
		Dilution Factor: 1		Analysis Time..: 16:12		
Chromium	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNC631AF
		Dilution Factor: 1		Analysis Time..: 16:12		
Copper	ND	15	ug/L	SW846 6010B	01/26-01/29/07	JNC631AG
		Dilution Factor: 1		Analysis Time..: 16:12		
Nickel	ND	50	ug/L	SW846 6010B	01/26-01/29/07	JNC631AH
		Dilution Factor: 1		Analysis Time..: 16:12		
Lead	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNC631AJ
		Dilution Factor: 1		Analysis Time..: 16:12		
Selenium	ND	15	ug/L	SW846 6010B	01/26-01/29/07	JNC631AL
		Dilution Factor: 1		Analysis Time..: 16:12		
Vanadium	ND	25	ug/L	SW846 6010B	01/26-01/29/07	JNC631AN
		Dilution Factor: 1		Analysis Time..: 16:12		
Zinc	ND	20	ug/L	SW846 6010B	01/26-01/29/07	JNC631AP
		Dilution Factor: 1		Analysis Time..: 16:12		
Silver	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNC631AQ
		Dilution Factor: 1		Analysis Time..: 16:12		
Cobalt	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNC631AR
		Dilution Factor: 1		Analysis Time..: 16:12		
Prep Batch #...: 7026431						
Thallium	ND	1.0	ug/L	SW846 6020	01/30/07	JNC631A9
		Dilution Factor: 1		Analysis Time..: 22:20		
Arsenic	ND	5.0	ug/L	SW846 6020	01/30/07	JNC631AU
		Dilution Factor: 1		Analysis Time..: 22:20		
Beryllium	ND	1.0	ug/L	SW846 6020	01/30/07	JNC631AV
		Dilution Factor: 1		Analysis Time..: 22:20		

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Waste Management, Inc.

Client Sample ID: 3406-S02

TOTAL Metals

Lot-Sample #...: D7A250158-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium	ND	1.0	ug/L	SW846 6020	01/30/07	JNC631AW
		Dilution Factor: 1		Analysis Time..: 22:20		
Antimony	ND	2.0	ug/L	SW846 6020	01/30/07	JNC631AX
		Dilution Factor: 1		Analysis Time..: 22:20		

Waste Management, Inc.

Client Sample ID: 3406-S03

TOTAL Metals

Lot-Sample #...: D7A250158-003 **Matrix.....:** WATER
Date Sampled...: 01/24/07 12:15 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7026343						
Barium	ND	100	ug/L	SW846 6010B	01/26-01/29/07	JNC641AD
		Dilution Factor: 1		Analysis Time..: 16:17		
Chromium	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNC641AF
		Dilution Factor: 1		Analysis Time..: 16:17		
Copper	ND	15	ug/L	SW846 6010B	01/26-01/29/07	JNC641AG
		Dilution Factor: 1		Analysis Time..: 16:17		
Nickel	ND	50	ug/L	SW846 6010B	01/26-01/29/07	JNC641AH
		Dilution Factor: 1		Analysis Time..: 16:17		
Lead	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNC641AJ
		Dilution Factor: 1		Analysis Time..: 16:17		
Selenium	ND	15	ug/L	SW846 6010B	01/26-01/29/07	JNC641AL
		Dilution Factor: 1		Analysis Time..: 16:17		
Vanadium	ND	25	ug/L	SW846 6010B	01/26-01/29/07	JNC641AN
		Dilution Factor: 1		Analysis Time..: 16:17		
Zinc	ND	20	ug/L	SW846 6010B	01/26-01/29/07	JNC641AP
		Dilution Factor: 1		Analysis Time..: 16:17		
Silver	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNC641AQ
		Dilution Factor: 1		Analysis Time..: 16:17		
Cobalt	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNC641AR
		Dilution Factor: 1		Analysis Time..: 16:17		
Prep Batch #...: 7026431						
Thallium	ND	1.0	ug/L	SW846 6020	01/30/07	JNC641A1
		Dilution Factor: 1		Analysis Time..: 22:45		
Arsenic	**0.25 B**	**5.0**	**ug/L**	**SW846 6020**	**01/30/07**	**JNC641AU**
		Dilution Factor: 1		Analysis Time..: 22:45		
Beryllium	ND	1.0	ug/L	SW846 6020	01/30/07	JNC641AV
		Dilution Factor: 1		Analysis Time..: 22:45		

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 3406-S03

TOTAL Metals

Lot-Sample #...: D7A250158-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium	ND	1.0	ug/L	SW846 6020	01/30/07	JNC641AW
		Dilution Factor: 1		Analysis Time..: 22:45		
Antimony	ND	2.0	ug/L	SW846 6020	01/30/07	JNC641AX
		Dilution Factor: 1		Analysis Time..: 22:45		

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-S04

TOTAL Metals

Lot-Sample #...: D7A250158-004 **Matrix.....:** WATER
Date Sampled...: 01/24/07 12:40 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7026343						
Barium	ND	100	ug/L	SW846 6010B	01/26-01/29/07	JNC651AD
		Dilution Factor: 1		Analysis Time..: 16:23		
Chromium	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNC651AF
		Dilution Factor: 1		Analysis Time..: 16:23		
Copper	ND	15	ug/L	SW846 6010B	01/26-01/29/07	JNC651AG
		Dilution Factor: 1		Analysis Time..: 16:23		
Nickel	ND	50	ug/L	SW846 6010B	01/26-01/29/07	JNC651AH
		Dilution Factor: 1		Analysis Time..: 16:23		
Lead	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNC651AJ
		Dilution Factor: 1		Analysis Time..: 16:23		
Selenium	ND	15	ug/L	SW846 6010B	01/26-01/29/07	JNC651AL
		Dilution Factor: 1		Analysis Time..: 16:23		
Vanadium	ND	25	ug/L	SW846 6010B	01/26-01/29/07	JNC651AN
		Dilution Factor: 1		Analysis Time..: 16:23		
Zinc	ND	20	ug/L	SW846 6010B	01/26-01/29/07	JNC651AP
		Dilution Factor: 1		Analysis Time..: 16:23		
Silver	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNC651AQ
		Dilution Factor: 1		Analysis Time..: 16:23		
Cobalt	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNC651AR
		Dilution Factor: 1		Analysis Time..: 16:23		
Prep Batch #...: 7026431						
Thallium	ND	1.0	ug/L	SW846 6020	01/30/07	JNC651A1
		Dilution Factor: 1		Analysis Time..: 22:49		
Arsenic	**0.21 B**	**5.0**	**ug/L**	**SW846 6020**	**01/30/07**	**JNC651AU**
		Dilution Factor: 1		Analysis Time..: 22:49		
Beryllium	ND	1.0	ug/L	SW846 6020	01/30/07	JNC651AV
		Dilution Factor: 1		Analysis Time..: 22:49		

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Waste Management, Inc.

Client Sample ID: 3406-S04

TOTAL Metals

Lot-Sample #...: D7A250158-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium	ND	1.0	ug/L	SW846 6020	01/30/07	JNC651AW
		Dilution Factor: 1		Analysis Time..: 22:49		
Antimony	ND	2.0	ug/L	SW846 6020	01/30/07	JNC651AX
		Dilution Factor: 1		Analysis Time..: 22:49		

NOTE(S):

B Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-S05

TOTAL Metals

Lot-Sample #...: D7A250158-005 **Matrix.....:** WATER
Date Sampled...: 01/24/07 11:30 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7026343						
Barium	ND	100	ug/L	SW846 6010B Analysis Time..: 16:28	01/26-01/29/07	JNC661AD
		Dilution Factor: 1				
Chromium	ND	10	ug/L	SW846 6010B Analysis Time..: 16:28	01/26-01/29/07	JNC661AF
		Dilution Factor: 1				
Copper	ND	15	ug/L	SW846 6010B Analysis Time..: 16:28	01/26-01/29/07	JNC661AG
		Dilution Factor: 1				
Nickel	ND	50	ug/L	SW846 6010B Analysis Time..: 16:28	01/26-01/29/07	JNC661AH
		Dilution Factor: 1				
Lead	ND	10	ug/L	SW846 6010B Analysis Time..: 16:28	01/26-01/29/07	JNC661AJ
		Dilution Factor: 1				
Selenium	ND	15	ug/L	SW846 6010B Analysis Time..: 16:28	01/26-01/29/07	JNC661AL
		Dilution Factor: 1				
Vanadium	ND	25	ug/L	SW846 6010B Analysis Time..: 16:28	01/26-01/29/07	JNC661AN
		Dilution Factor: 1				
Zinc	ND	20	ug/L	SW846 6010B Analysis Time..: 16:28	01/26-01/29/07	JNC661AP
		Dilution Factor: 1				
Silver	ND	10	ug/L	SW846 6010B Analysis Time..: 16:28	01/26-01/29/07	JNC661AQ
		Dilution Factor: 1				
Cobalt	ND	10	ug/L	SW846 6010B Analysis Time..: 16:28	01/26-01/29/07	JNC661AR
		Dilution Factor: 1				
Prep Batch #...: 7026431						
Thallium	ND	1.0	ug/L	SW846 6020 Analysis Time..: 22:53	01/30/07	JNC661A1
		Dilution Factor: 1				
Arsenic	**0.30 B**	**5.0**	**ug/L**	**SW846 6020** Analysis Time..: 22:53	**01/30/07**	**JNC661AU**
		Dilution Factor: 1				
Beryllium	ND	1.0	ug/L	SW846 6020 Analysis Time..: 22:53	01/30/07	JNC661AV
		Dilution Factor: 1				

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Waste Management, Inc.

Client Sample ID: 3406-S05

TOTAL Metals

Lot-Sample #...: D7A250158-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium	ND	1.0	ug/L	SW846 6020	01/30/07	JNC661AW
		Dilution Factor: 1		Analysis Time..: 22:53		
Antimony	ND	2.0	ug/L	SW846 6020	01/30/07	JNC661AX
		Dilution Factor: 1		Analysis Time..: 22:53		

NOTE(S):

B Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

D7A250158

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 6020		7026431	7026268
	WATER	SW846 8260B		7037356	7037229
	WATER	SW846 6010B		7026343	7026211
002	WATER	SW846 6020		7026431	7026268
	WATER	SW846 8260B		7037356	7037229
	WATER	SW846 6010B		7026343	7026211
003	WATER	SW846 6020		7026431	7026268
	WATER	SW846 8260B		7037356	7037229
	WATER	SW846 6010B		7026343	7026211
004	WATER	SW846 6020		7026431	7026268
	WATER	SW846 8260B		7037356	7037229
	WATER	SW846 6010B		7026343	7026211
005	WATER	SW846 6020		7026431	7026268
	WATER	SW846 8260B		7037356	7037229
	WATER	SW846 6010B		7026343	7026211
006	WATER	SW846 8260B		7037356	7037229

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7A250158
MB Lot-Sample #: D7B060000-356

Work Order #...: JN1WK1AA

Matrix.....: WATER

Prep Date.....: 02/05/07
Prep Batch #...: 7037356

Analysis Time..: 00:11

Analysis Date..: 02/06/07
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	**0.15 J**	**10**	**ug/L**	**SW846 8260B**
1,4-Dichlorobenzene	**0.22 J**	**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	**0.51 J**	**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 #...: D7A250158 **Work Order #...:** JN1WK1AA **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	102	(79 - 119)
1,2-Dichloroethane-d4	104	(65 - 126)
4-Bromofluorobenzene	101	(75 - 115)
Toluene-d8	103	(78 - 118)

NOTE(S):

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7A250158
LCS Lot-Sample#: D7B060000-356
Prep Date.....: 02/05/07
Prep Batch #...: 7037356
Dilution Factor: 1

Work Order #...: JN1WK1AC-LCS
JN1WK1AD-LCSD
Analysis Date..: 02/05/07
Analysis Time..: 23:33

Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	100	(77 - 118)			SW846 8260B
	100	(77 - 118)	0.48	(0-20)	SW846 8260B
1,3-Dichlorobenzene	97	(75 - 115)			SW846 8260B
	97	(75 - 115)	0.42	(0-20)	SW846 8260B
Bromodichloromethane	105	(78 - 118)			SW846 8260B
	103	(78 - 118)	2.0	(0-20)	SW846 8260B
Carbon tetrachloride	94	(80 - 120)			SW846 8260B
	97	(80 - 120)	3.4	(0-21)	SW846 8260B
Chlorobenzene	98	(78 - 118)			SW846 8260B
	100	(78 - 118)	1.8	(0-20)	SW846 8260B
Chloroform	101	(78 - 118)			SW846 8260B
	101	(78 - 118)	0.24	(0-20)	SW846 8260B
1,1-Dichloroethane	102	(77 - 117)			SW846 8260B
	102	(77 - 117)	0.24	(0-21)	SW846 8260B
trans-1,2-Dichloroethene	99	(80 - 120)			SW846 8260B
	97	(80 - 120)	1.7	(0-24)	SW846 8260B
1,1-Dichloroethene	94	(68 - 133)			SW846 8260B
	97	(68 - 133)	3.4	(0-20)	SW846 8260B
1,2-Dichloropropane	107	(76 - 116)			SW846 8260B
	105	(76 - 116)	1.2	(0-20)	SW846 8260B
Ethylbenzene	100	(78 - 118)			SW846 8260B
	100	(78 - 118)	0.11	(0-26)	SW846 8260B
Methylene chloride	97	(71 - 119)			SW846 8260B
	100	(71 - 119)	3.3	(0-20)	SW846 8260B
Tetrachloroethene	92	(77 - 117)			SW846 8260B
	95	(77 - 117)	3.0	(0-20)	SW846 8260B
Toluene	96	(73 - 120)			SW846 8260B
	99	(73 - 120)	3.3	(0-20)	SW846 8260B
1,1,1-Trichloroethane	95	(78 - 118)			SW846 8260B
	97	(78 - 118)	2.1	(0-20)	SW846 8260B
Trichloroethene	104	(78 - 122)			SW846 8260B
	103	(78 - 122)	1.1	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(79 - 119)
	103	(79 - 119)
1,2-Dichloroethane-d4	104	(65 - 126)
	104	(65 - 126)
4-Bromofluorobenzene	112	(75 - 115)
	110	(75 - 115)
Toluene-d8	101	(78 - 118)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7A250158 **Work Order #...:** JN1WK1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7B060000-356 JN1WK1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	104	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7A250158 **Work Order #...:** JN1WK1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7B060000-356 JN1WK1AD-LCSD
Prep Date.....: 02/05/07 **Analysis Date..:** 02/05/07
Prep Batch #...: 7037356 **Analysis Time..:** 23:33
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	10.0	10.0	ug/L	100		SW846 8260B
	10.0	9.98	ug/L	100	0.48	SW846 8260B
1,3-Dichlorobenzene	10.0	9.69	ug/L	97		SW846 8260B
	10.0	9.73	ug/L	97	0.42	SW846 8260B
Bromodichloromethane	10.0	10.5	ug/L	105		SW846 8260B
	10.0	10.3	ug/L	103	2.0	SW846 8260B
Carbon tetrachloride	10.0	9.42	ug/L	94		SW846 8260B
	10.0	9.75	ug/L	97	3.4	SW846 8260B
Chlorobenzene	10.0	9.78	ug/L	98		SW846 8260B
	10.0	9.96	ug/L	100	1.8	SW846 8260B
Chloroform	10.0	10.1	ug/L	101		SW846 8260B
	10.0	10.1	ug/L	101	0.24	SW846 8260B
1,1-Dichloroethane	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.2	ug/L	102	0.24	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.85	ug/L	99		SW846 8260B
	10.0	9.68	ug/L	97	1.7	SW846 8260B
1,1-Dichloroethene	10.0	9.37	ug/L	94		SW846 8260B
	10.0	9.70	ug/L	97	3.4	SW846 8260B
1,2-Dichloropropane	10.0	10.7	ug/L	107		SW846 8260B
	10.0	10.5	ug/L	105	1.2	SW846 8260B
Ethylbenzene	10.0	9.96	ug/L	100		SW846 8260B
	10.0	9.97	ug/L	100	0.11	SW846 8260B
Methylene chloride	10.0	9.66	ug/L	97		SW846 8260B
	10.0	9.99	ug/L	100	3.3	SW846 8260B
Tetrachloroethene	10.0	9.18	ug/L	92		SW846 8260B
	10.0	9.46	ug/L	95	3.0	SW846 8260B
Toluene	10.0	9.57	ug/L	96		SW846 8260B
	10.0	9.89	ug/L	99	3.3	SW846 8260B
1,1,1-Trichloroethane	10.0	9.48	ug/L	95		SW846 8260B
	10.0	9.69	ug/L	97	2.1	SW846 8260B
Trichloroethene	10.0	10.4	ug/L	104		SW846 8260B
	10.0	10.3	ug/L	103	1.1	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(79 - 119)
	103	(79 - 119)
1,2-Dichloroethane-d4	104	(65 - 126)
	104	(65 - 126)
4-Bromofluorobenzene	112	(75 - 115)
	110	(75 - 115)
Toluene-d8	101	(78 - 118)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7A250158 **Work Order #...:** JN1WK1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7B060000-356 JN1WK1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	104	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7A250158 **Work Order #...:** JN1WJ1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D7A020125-032 JN1WJ1AD-MSD
Date Sampled...: 02/03/07 07:00 **Date Received..:** 02/03/07
Prep Date.....: 02/05/07 **Analysis Date..:** 02/05/07
Prep Batch #...: 7037356 **Analysis Time..:** 01:06
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	102	(77 - 118)			SW846 8260B
	102	(77 - 118)	0.11	(0-20)	SW846 8260B
1,3-Dichlorobenzene	95	(75 - 115)			SW846 8260B
	96	(75 - 115)	0.93	(0-20)	SW846 8260B
Bromodichloromethane	108	(78 - 118)			SW846 8260B
	109	(78 - 118)	0.98	(0-20)	SW846 8260B
Carbon tetrachloride	97	(80 - 120)			SW846 8260B
	93	(80 - 120)	3.7	(0-21)	SW846 8260B
Chlorobenzene	102	(78 - 118)			SW846 8260B
	101	(78 - 118)	1.3	(0-20)	SW846 8260B
Chloroform	102	(78 - 118)			SW846 8260B
	100	(78 - 118)	2.1	(0-20)	SW846 8260B
1,1-Dichloroethane	102	(77 - 117)			SW846 8260B
	102	(77 - 117)	0.53	(0-21)	SW846 8260B
trans-1,2-Dichloroethene	97	(80 - 120)			SW846 8260B
	96	(80 - 120)	0.30	(0-24)	SW846 8260B
1,1-Dichloroethene	97	(68 - 133)			SW846 8260B
	95	(68 - 133)	2.5	(0-20)	SW846 8260B
1,2-Dichloropropane	110	(76 - 116)			SW846 8260B
	111	(76 - 116)	0.90	(0-20)	SW846 8260B
Ethylbenzene	102	(78 - 118)			SW846 8260B
	101	(78 - 118)	1.2	(0-26)	SW846 8260B
Methylene chloride	109	(71 - 119)			SW846 8260B
	104	(71 - 119)	5.0	(0-20)	SW846 8260B
Tetrachloroethene	97	(77 - 117)			SW846 8260B
	96	(77 - 117)	0.98	(0-20)	SW846 8260B
Toluene	101	(73 - 120)			SW846 8260B
	101	(73 - 120)	0.72	(0-20)	SW846 8260B
1,1,1-Trichloroethane	95	(78 - 118)			SW846 8260B
	92	(78 - 118)	3.4	(0-20)	SW846 8260B
Trichloroethene	103	(78 - 122)			SW846 8260B
	104	(78 - 122)	0.89	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(79 - 119)
	104	(79 - 119)
1,2-Dichloroethane-d4	109	(65 - 126)
	111	(65 - 126)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7A250158 **Work Order #...:** JN1WJ1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D7A020125-032 JN1WJ1AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	111	(75 - 115)
	110	(75 - 115)
Toluene-d8	106	(78 - 118)
	104	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7A250158 **Work Order #...:** JN1WJ1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D7A020125-032 JN1WJ1AD-MSD
Date Sampled...: 02/03/07 07:00 **Date Received..:** 02/03/07
Prep Date.....: 02/05/07 **Analysis Date..:** 02/05/07
Prep Batch #...: 7037356 **Analysis Time..:** 01:06
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.2	ug/L	102	0.11	SW846 8260B
1,3-Dichlorobenzene	ND	10.0	9.52	ug/L	95		SW846 8260B
	ND	10.0	9.61	ug/L	96	0.93	SW846 8260B
Bromodichloromethane	ND	10.0	10.8	ug/L	108		SW846 8260B
	ND	10.0	10.9	ug/L	109	0.98	SW846 8260B
Carbon tetrachloride	ND	10.0	9.67	ug/L	97		SW846 8260B
	ND	10.0	9.32	ug/L	93	3.7	SW846 8260B
Chlorobenzene	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.1	ug/L	101	1.3	SW846 8260B
Chloroform	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.0	ug/L	100	2.1	SW846 8260B
1,1-Dichloroethane	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.2	ug/L	102	0.53	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	9.67	ug/L	97		SW846 8260B
	ND	10.0	9.64	ug/L	96	0.30	SW846 8260B
1,1-Dichloroethene	ND	10.0	9.73	ug/L	97		SW846 8260B
	ND	10.0	9.49	ug/L	95	2.5	SW846 8260B
1,2-Dichloropropane	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	11.1	ug/L	111	0.90	SW846 8260B
Ethylbenzene	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.1	ug/L	101	1.2	SW846 8260B
Methylene chloride	0.44	10.0	11.4	ug/L	109		SW846 8260B
	0.44	10.0	10.8	ug/L	104	5.0	SW846 8260B
Tetrachloroethene	ND	10.0	9.71	ug/L	97		SW846 8260B
	ND	10.0	9.61	ug/L	96	0.98	SW846 8260B
Toluene	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	10.1	ug/L	101	0.72	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	9.55	ug/L	95		SW846 8260B
	ND	10.0	9.23	ug/L	92	3.4	SW846 8260B
Trichloroethene	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.4	ug/L	104	0.89	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(79 - 119)
	104	(79 - 119)
1,2-Dichloroethane-d4	109	(65 - 126)
	111	(65 - 126)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7A250158 **Work Order #...:** JN1WJ1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D7A020125-032 JN1WJ1AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	111	(75 - 115)
	110	(75 - 115)
Toluene-d8	106	(78 - 118)
	104	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7A250158 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7A260000-343 **Prep Batch #...:** 7026343						
Barium	ND	100	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AK
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Chromium	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AM
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Copper	ND	15	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AN
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Nickel	ND	50	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AP
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Lead	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AQ
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Selenium	ND	15	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AT
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Vanadium	ND	25	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AV
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Zinc	ND	20	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AW
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Silver	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AX
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Cobalt	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1A0
		Dilution Factor: 1				
		Analysis Time..: 14:56				

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7A250158 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7A260000-431 **Prep Batch #...:** 7026431						
Thallium	ND	1.0	ug/L	SW846 6020	01/30/07	JNG3A1AK
		Dilution Factor: 1				
		Analysis Time..: 22:05				
Arsenic	ND	5.0	ug/L	SW846 6020	01/30/07	JNG3A1AA
		Dilution Factor: 1				
		Analysis Time..: 22:05				
Beryllium	ND	1.0	ug/L	SW846 6020	01/30/07	JNG3A1AC
		Dilution Factor: 1				
		Analysis Time..: 22:05				
Cadmium	ND	1.0	ug/L	SW846 6020	01/30/07	JNG3A1AD
		Dilution Factor: 1				
		Analysis Time..: 22:05				
Antimony	ND	2.0	ug/L	SW846 6020	01/30/07	JNG3A1AE
		Dilution Factor: 1				
		Analysis Time..: 22:05				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7A250158 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7A260000-343 **Prep Batch #...:** 7026343					
Barium	103	(90 - 112)	SW846 6010B	01/26-01/29/07	JNGHH1A9
		Dilution Factor: 1	Analysis Time..: 15:01		
Chromium	100	(90 - 113)	SW846 6010B	01/26-01/29/07	JNGHH1CC
		Dilution Factor: 1	Analysis Time..: 15:01		
Copper	98	(86 - 112)	SW846 6010B	01/26-01/29/07	JNGHH1CD
		Dilution Factor: 1	Analysis Time..: 15:01		
Nickel	98	(89 - 111)	SW846 6010B	01/26-01/29/07	JNGHH1CE
		Dilution Factor: 1	Analysis Time..: 15:01		
Lead	100	(89 - 110)	SW846 6010B	01/26-01/29/07	JNGHH1CF
		Dilution Factor: 1	Analysis Time..: 15:01		
Selenium	102	(90 - 110)	SW846 6010B	01/26-01/29/07	JNGHH1CH
		Dilution Factor: 1	Analysis Time..: 15:01		
Vanadium	99	(90 - 111)	SW846 6010B	01/26-01/29/07	JNGHH1CK
		Dilution Factor: 1	Analysis Time..: 15:01		
Zinc	97	(84 - 111)	SW846 6010B	01/26-01/29/07	JNGHH1CL
		Dilution Factor: 1	Analysis Time..: 15:01		
Silver	129 N	(86 - 120)	SW846 6010B	01/26-01/29/07	JNGHH1CM
		Dilution Factor: 1	Analysis Time..: 15:01		
Cobalt	98	(89 - 111)	SW846 6010B	01/26-01/29/07	JNGHH1CN
		Dilution Factor: 1	Analysis Time..: 15:01		
LCS Lot-Sample#: D7A260000-431 **Prep Batch #...:** 7026431					
Thallium	105	(86 - 124)	SW846 6020	01/30/07	JNG3A1AL
		Dilution Factor: 1	Analysis Time..: 22:09		
Arsenic	98	(89 - 111)	SW846 6020	01/30/07	JNG3A1AF
		Dilution Factor: 1	Analysis Time..: 22:09		
Beryllium	99	(76 - 132)	SW846 6020	01/30/07	JNG3A1AG
		Dilution Factor: 1	Analysis Time..: 22:09		

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7A250158 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium	102	(89 - 111)	SW846 6020	01/30/07	JNG3A1AH
		Dilution Factor: 1	Analysis Time..: 22:09		
Antimony	106	(71 - 128)	SW846 6020	01/30/07	JNG3A1AJ
		Dilution Factor: 1	Analysis Time..: 22:09		

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250158 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7A260000-343 **Prep Batch #...:** 7026343							
Barium	2000	2060	ug/L	103	SW846 6010B	01/26-01/29/07	JNGHH1A9
			Dilution Factor: 1		Analysis Time..: 15:01		
Chromium	200	201	ug/L	100	SW846 6010B	01/26-01/29/07	JNGHH1CC
			Dilution Factor: 1		Analysis Time..: 15:01		
Copper	250	244	ug/L	98	SW846 6010B	01/26-01/29/07	JNGHH1CD
			Dilution Factor: 1		Analysis Time..: 15:01		
Nickel	500	490	ug/L	98	SW846 6010B	01/26-01/29/07	JNGHH1CE
			Dilution Factor: 1		Analysis Time..: 15:01		
Lead	500	499	ug/L	100	SW846 6010B	01/26-01/29/07	JNGHH1CF
			Dilution Factor: 1		Analysis Time..: 15:01		
Selenium	2000	2030	ug/L	102	SW846 6010B	01/26-01/29/07	JNGHH1CH
			Dilution Factor: 1		Analysis Time..: 15:01		
Vanadium	500	493	ug/L	99	SW846 6010B	01/26-01/29/07	JNGHH1CK
			Dilution Factor: 1		Analysis Time..: 15:01		
Zinc	500	484	ug/L	97	SW846 6010B	01/26-01/29/07	JNGHH1CL
			Dilution Factor: 1		Analysis Time..: 15:01		
Silver	50.0	64.6 N	ug/L	129	SW846 6010B	01/26-01/29/07	JNGHH1CM
			Dilution Factor: 1		Analysis Time..: 15:01		
Cobalt	500	490	ug/L	98	SW846 6010B	01/26-01/29/07	JNGHH1CN
			Dilution Factor: 1		Analysis Time..: 15:01		
LCS Lot-Sample#: D7A260000-431 **Prep Batch #...:** 7026431							
Thallium	40.0	42.1	ug/L	105	SW846 6020	01/30/07	JNG3A1AL
			Dilution Factor: 1		Analysis Time..: 22:09		
Arsenic	40.0	39.3	ug/L	98	SW846 6020	01/30/07	JNG3A1AF
			Dilution Factor: 1		Analysis Time..: 22:09		
Beryllium	40.0	39.4	ug/L	99	SW846 6020	01/30/07	JNG3A1AG
			Dilution Factor: 1		Analysis Time..: 22:09		

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250158 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium	40.0	40.9	ug/L	102	SW846 6020	01/30/07	JNG3A1AH
			Dilution Factor: 1		Analysis Time..: 22:09		
Antimony	40.0	42.3	ug/L	106	SW846 6020	01/30/07	JNG3A1AJ
			Dilution Factor: 1		Analysis Time..: 22:09		

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 #...: D7A250158 **Matrix.....:** WATER
Date Sampled...: 01/24/07 14:10 **Date Received..:** 01/25/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A250154-001 **Prep Batch #...:** 7026343							
Barium	103	(85 - 120)			SW846 6010B	01/26-01/29/07	JNC571C3
	99	(85 - 120)	2.5	(0-25)	SW846 6010B	01/26-01/29/07	JNC571C4
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Chromium	97	(73 - 135)			SW846 6010B	01/26-01/29/07	JNC571C7
	90	(73 - 135)	2.8	(0-25)	SW846 6010B	01/26-01/29/07	JNC571C8
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Copper	100	(82 - 129)			SW846 6010B	01/26-01/29/07	JNC571C9
	98	(82 - 129)	2.6	(0-25)	SW846 6010B	01/26-01/29/07	JNC571DA
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Nickel	93	(84 - 120)			SW846 6010B	01/26-01/29/07	JNC571DC
	89	(84 - 120)	2.7	(0-25)	SW846 6010B	01/26-01/29/07	JNC571DD
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Lead	96	(89 - 121)			SW846 6010B	01/26-01/29/07	JNC571DE
	94	(89 - 121)	1.9	(0-25)	SW846 6010B	01/26-01/29/07	JNC571DF
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Selenium	102	(71 - 140)			SW846 6010B	01/26-01/29/07	JNC571DJ
	100	(71 - 140)	2.0	(0-25)	SW846 6010B	01/26-01/29/07	JNC571DK
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Vanadium	98	(85 - 120)			SW846 6010B	01/26-01/29/07	JNC571DN
	95	(85 - 120)	1.9	(0-25)	SW846 6010B	01/26-01/29/07	JNC571DP
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Zinc	95	(60 - 137)			SW846 6010B	01/26-01/29/07	JNC571DQ
	94	(60 - 137)	1.6	(0-25)	SW846 6010B	01/26-01/29/07	JNC571DR
		Dilution Factor: 1					
		Analysis Time..: 15:17					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7A250158 **Matrix.....:** WATER
Date Sampled...: 01/24/07 14:10 **Date Received..:** 01/25/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	136	(75 - 141)			SW846 6010B	01/26-01/29/07	JNC571DT
	135	(75 - 141)	0.57	(0-25)	SW846 6010B	01/26-01/29/07	JNC571DU
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Cobalt	96	(82 - 119)			SW846 6010B	01/26-01/29/07	JNC571DV
	94	(82 - 119)	2.1	(0-25)	SW846 6010B	01/26-01/29/07	JNC571DW
		Dilution Factor: 1					
		Analysis Time..: 15:17					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250158 **Matrix.....:** WATER
Date Sampled...: 01/24/07 14:10 **Date Received..:** 01/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A250154-001 **Prep Batch #...:** 7026343									
Barium									
	920	2000	2980	ug/L	103		SW846 6010B	01/26-01/29/07	JNC571C3
	920	2000	2900	ug/L	99	2.5	SW846 6010B	01/26-01/29/07	JNC571C4
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Chromium									
	260	200	457	ug/L	97		SW846 6010B	01/26-01/29/07	JNC571C7
	260	200	444	ug/L	90	2.8	SW846 6010B	01/26-01/29/07	JNC571C8
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Copper									
	19	250	270	ug/L	100		SW846 6010B	01/26-01/29/07	JNC571C9
	19	250	263	ug/L	98	2.6	SW846 6010B	01/26-01/29/07	JNC571DA
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Nickel									
	330	500	794	ug/L	93		SW846 6010B	01/26-01/29/07	JNC571DC
	330	500	772	ug/L	89	2.7	SW846 6010B	01/26-01/29/07	JNC571DD
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Lead									
	ND	500	478	ug/L	96		SW846 6010B	01/26-01/29/07	JNC571DE
	ND	500	469	ug/L	94	1.9	SW846 6010B	01/26-01/29/07	JNC571DF
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Selenium									
	ND	2000	2040	ug/L	102		SW846 6010B	01/26-01/29/07	JNC571DJ
	ND	2000	2000	ug/L	100	2.0	SW846 6010B	01/26-01/29/07	JNC571DK
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Vanadium									
	140	500	623	ug/L	98		SW846 6010B	01/26-01/29/07	JNC571DN
	140	500	612	ug/L	95	1.9	SW846 6010B	01/26-01/29/07	JNC571DP
			Dilution Factor: 1						
			Analysis Time..: 15:17						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250158 **Matrix.....:** WATER
Date Sampled...: 01/24/07 14:10 **Date Received..:** 01/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	500	496	ug/L	95		SW846 6010B	01/26-01/29/07	JNC571DQ
	ND	500	488	ug/L	94	1.6	SW846 6010B	01/26-01/29/07	JNC571DR
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Silver									
	ND	50.0	68.6	ug/L	136		SW846 6010B	01/26-01/29/07	JNC571DT
	ND	50.0	68.2	ug/L	135	0.57	SW846 6010B	01/26-01/29/07	JNC571DU
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Cobalt									
	48	500	529	ug/L	96		SW846 6010B	01/26-01/29/07	JNC571DV
	48	500	518	ug/L	94	2.1	SW846 6010B	01/26-01/29/07	JNC571DW
			Dilution Factor: 1						
			Analysis Time..: 15:17						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7A250158 **Matrix.....:** WATER
Date Sampled...: 01/24/07 13:00 **Date Received..:** 01/25/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A250158-002 **Prep Batch #...:** 7026431							
Thallium	104	(86 - 124)			SW846 6020	01/30/07	JNC631CA
	105	(86 - 124)	1.6	(0-20)	SW846 6020	01/30/07	JNC631CC
		Dilution Factor: 1					
		Analysis Time..: 22:38					
Arsenic	103	(89 - 111)			SW846 6020	01/30/07	JNC631A1
	102	(89 - 111)	1.5	(0-20)	SW846 6020	01/30/07	JNC631A2
		Dilution Factor: 1					
		Analysis Time..: 22:38					
Beryllium	98	(76 - 132)			SW846 6020	01/30/07	JNC631A3
	102	(76 - 132)	3.7	(0-20)	SW846 6020	01/30/07	JNC631A4
		Dilution Factor: 1					
		Analysis Time..: 22:38					
Cadmium	103	(89 - 111)			SW846 6020	01/30/07	JNC631A5
	100	(89 - 111)	2.8	(0-20)	SW846 6020	01/30/07	JNC631A6
		Dilution Factor: 1					
		Analysis Time..: 22:38					
Antimony	104	(71 - 128)			SW846 6020	01/30/07	JNC631A7
	100	(71 - 128)	4.4	(0-20)	SW846 6020	01/30/07	JNC631A8
		Dilution Factor: 1					
		Analysis Time..: 22:38					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250158 **Matrix.....:** WATER
Date Sampled...: 01/24/07 13:00 **Date Received..:** 01/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A250158-002 **Prep Batch #...:** 7026431									
Thallium									
	ND	40.0	41.5	ug/L	104		SW846 6020	01/30/07	JNC631CA
	ND	40.0	42.2	ug/L	105	1.6	SW846 6020	01/30/07	JNC631CC
			Dilution Factor: 1						
			Analysis Time..: 22:38						
Arsenic									
	ND	40.0	41.4	ug/L	103		SW846 6020	01/30/07	JNC631A1
	ND	40.0	40.8	ug/L	102	1.5	SW846 6020	01/30/07	JNC631A2
			Dilution Factor: 1						
			Analysis Time..: 22:38						
Beryllium									
	ND	40.0	39.5	ug/L	98		SW846 6020	01/30/07	JNC631A3
	ND	40.0	40.9	ug/L	102	3.7	SW846 6020	01/30/07	JNC631A4
			Dilution Factor: 1						
			Analysis Time..: 22:38						
Cadmium									
	ND	40.0	41.0	ug/L	103		SW846 6020	01/30/07	JNC631A5
	ND	40.0	39.9	ug/L	100	2.8	SW846 6020	01/30/07	JNC631A6
			Dilution Factor: 1						
			Analysis Time..: 22:38						
Antimony									
	ND	40.0	41.7	ug/L	104		SW846 6020	01/30/07	JNC631A7
	ND	40.0	39.9	ug/L	100	4.4	SW846 6020	01/30/07	JNC631A8
			Dilution Factor: 1						
			Analysis Time..: 22:38						

NOTE(S):

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

1/05/07

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

54

STL 4124 (0901)

Client: WASTE MANAGEMENT	Project Manager: MARK SNYDER	Date: 1-24-2007	Chain of Custody Number: 340667
Address: 2859 PACES FERRY, STE. 1600	Telephone Number (Area Code)/Fax Number: (770) - 805 - 3529	Lab Number	Page 1 of 1
City: ATLANTA; State: GA; Zip Code: 30339	Site Contact	Lab Contact: Betty Sara	
Project Name and Location (State): Piedmont Kernersville, NC	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: 134 26744-D			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil		Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		Analysis (Attach list if more space is needed): VOA	Metals (6)	Special Instructions/ Conditions of Receipt
3406-S01	1-24-07	11:55		X						X	X				X	X	
3406-S02	"	13:00		X						X	X				X	X	
3406-S03		12:15		X						X	X				X	X	
3406-S04		12:40		X						X	X				X	X	
3406-S05		11:30		X						X	X				X	X	
TRIP BLANK				X							X				X		

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

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

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

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Xavier Hudner	1-24-07	16:00	1. Received By: [signature]	1.25.07	0850
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: NC App. I

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT LF

Site No.: 134 Sample Point: S01 (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: D7A250158-001

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
NA					

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) NA (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)
		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)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
012407	725	73	64	104	117	476	

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: lt. brown, leaves in stream Odor: none Color: lt. brown Other: 45°F

Weather Conditions (required daily, or as conditions change): Direction/Speed: Calm/Cloudy Outlook: Sunny, 45 Precipitation: Y or (N)

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

S01 LOCATION - Southern boundary of the old closed Kernersville L.F., S. of WM PIEDMONT CELLS

SAMPLE TIME 11:55

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
1/24/07	DANIEL GIRDNER	[signature]	JEI
1/24/07	Eric Felton	[signature]	JET

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 13½

Sample Point: S02 (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 (24:00 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
NA					

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): NA (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)
	1st	1st	1st					
	2nd	2nd	2nd					
	3rd	3rd	3rd					
	4th	4th	4th					
Suggested range for 3 consec. readings or note Permit/Site 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 for*

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
01 24 07	8 7 5	3 1	6 9	7 8	1 7 5	-4 5 5	

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: FAINT BROWN, SED. Odor: None Color: lt. brown Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: Calm Omni Outlook: Sunny, 45°F Precipitation: Y or (N)

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

S02 LOCATION: UPSTREAM END of Culvert under FREEMAN RD., W. of Pied. L.F.

SAMPLE TIME: ~~12:30~~ EF 13:00

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

Date	Name	Signature	Company
1/24/07	DANIEL GIRDNER	Daniel Girdner	JEI
1/24/07	Eric Felten	[signature]	JEI

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT LF

Site No.: 134 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
NA					

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): NA (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)
	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)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
012407	779	59	58	103	185	268	

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: N/A Odor: none Color: NA Other: 45° F

Weather Conditions (required daily, or as conditions change): Direction/Speed: Calm - 0 Outlook: SUNNY Precipitation: Y or (N)

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

S03 LOCATION: upstream end of culvert under Water Oak Rd.

A LOT OF TRASH, JUNK, DEER CARCASSES DUMPED IN + AROUND CULVERT + WATER OAK RD

SAMPLE TIME: 12:15

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
1/24/07	DANIEL GIRDNER	Daniel Girdner	JEI
1/24/07	Eric Felton	[illegible]	JEI

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

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 134 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
NA					

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): NA (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)
	1st	1st	1st					
	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 for*

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
012407	7.51	79	6.6	7.1	12.9	600	

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: Clear Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: Clear Overnight Outlook: Sunny, 45°F Precipitation: Y or (N)

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

FIELD COMMENTS

S04 LOCATION: culvert under Church Rd, N. of Pied. L.F.

SAMPLE TIME: 12:40

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
1/24/07	Eric Felton	[signature]	JEI
1/24/07	DANIEL GARDNER	[signature]	JEI

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

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 134

Sample Point: 905 (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
NA					

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): NA (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) (umhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
	1st	1st	1st					
	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 ____
012407	771	80	55	97	15.1	-70	

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: SLIGHT

Color: NA

Other: 45°F

Weather Conditions (required daily, or as conditions change):

Direction/Speed: NE, 0-5mph

Outlook: SUNNY

Precipitation: Y or (N)

FIELD COMMENTS

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

905 LOCATION: southside of Freeman Rd, behind MW 12 + 12D

SAMPLE TIME: 11:30

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
1/24/07	DANIEL GIRDNER	[signature]	JEI
1/24/07	Eric Felton	[signature]	JEI

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

APPENDIX 1 – PART 3

LABORATORY ANALYTICAL RESULTS

Leachate

SEVERN TRENT STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Project No. Site 134

Piedmont Landfill

Lot #: D7A250154

Semiannual Leachate

Mark Snyder

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

Cc: Van Burbach

Severn Trent Laboratories, Inc./STL DENVER
North Carolina Certification # 358

Betsy Sara
Project Manager

February 13, 2007

RECEIVED FEB 14 2007

Table Of Contents

Standard Deliverables

Report Contents	Total Number of Pages
Standard Deliverables *The Cover Letter and the Report Cover page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	13

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

Case Narrative

Enclosed is the report for two samples received at STL Denver on January 25, 2007. The results included in this report have been reviewed for compliance with STL's Laboratory Quality Manual. The test results shown in this report meet all requirements of NELAC and any exceptions are noted below. STL Denver is NELAP approved for all parameters reported. STL's North Carolina certification number is 358.

This report may include reporting limits (RLs) less than STL 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.

STL 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 Lot D7A250154

Sample Receiving

The cooler temperature upon receipt at the Denver laboratory was 4.3°C.

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

All acid preserved volumes were received at a neutral pH. The sample volumes were further preserved prior to the associated analyses. The client was notified.

All other sample bottles were received in acceptable condition.

Trip Blanks

Acetone, 2-Butanone (MEK), Ethylbenzene, Methylene Chloride, Toluene, and Xylenes (total) were detected in the Trip Blank sample at levels below the requested reporting limits, however, Acetone, 2-Butanone (MEK), Ethylbenzene, Methylene Chloride, Toluene, and Xylenes (total) were not detected in any the sample 3406-T01 or the sample 3406-T01 had detections greater than ten times the results of the trip blank samples, and therefore, no corrective action was performed.

Holding Times

All holding times were within established control limits.

Lot #: D7A250154

Method Blanks

1,2-Dichlorobenzene, 1,4-Dichlorobenzene, Methylene Chloride, and Acetone were detected in the Method Blank below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits. The Method Blank data are included at the end of this report.

Bicarbonate Alkalinity and Total Alkalinity Method 310.1 were detected in the Method Blanks at the project established reporting limits. Because the sample 3406-T01 had levels of Bicarbonate Alkalinity and Total Alkalinity greater than ten times that of the Method Blank values, corrective action was deemed unnecessary.

All other Method Blanks were within established control limits.

Laboratory Control Samples (LCS)

The Method 6010B LCS exhibited a recovery of Total Silver above the control limit. However, since the data are considered to be biased high and the associated sample 3406-T01 was non-detect for Total Silver, corrective action was deemed unnecessary.

The Method 160.1 Laboratory Control Sample Duplicate (LCSD) exhibited a recovery of TDS slightly above the upper control limit at 107% (control limits 86%-106%). The LCS was within the control limits. The sample 3406-T01 was reanalyzed outside the 7-day holding time with a similar result. The original and reanalysis TDS results for the sample 3406-T01 reflected historical data ranges. Only the original TDS analysis performed within the holding time is reported in this submission.

All other Laboratory Control Samples were within established control limits.

Matrix Spike and Matrix Spike Duplicate (MS/MSD)

The Matrix Spike and Matrix Spike Duplicate performed on unrelated samples exhibited MS and MSD recoveries outside control limits for Total Mercury Method 7470A and Sulfate Method 375.4. 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.

The percent recoveries and/or the relative percent difference of the MS/MSD performed on sample 3406-T01 were not calculated for Total Potassium, Total Iron, and Total Sodium during Method 6010B analysis because the sample concentration was greater than four times the spike amount.

Sample 3406-T01 was selected to fulfill the laboratory batch quality control requirements for Method 6010B. Analysis of the laboratory generated MS/MSD for this sample provided an MSD recovery of Total Manganese below the lower control limit indicating the possible presence of a matrix interference.

Due to the result concentration exceeding the calibration range the MS/MSD results for Chloride Method 300.0A are estimated. The Method 300.0A MS/MSD was performed on an unrelated sample.

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

Lot #: D7A250154

Organics

The Method 8260B reporting limits for the sample 3406-T01 are elevated due to high levels of target analytes.

General Chemistry

The seed correction value for the BOD analysis was 1.20 mg/L, above the normal range of 0.6 mg/L to 1.0 mg/L. The LCS and method blank were in control; therefore no further corrective action was taken.

EXECUTIVE SUMMARY - Detection Highlights

D7A250154

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
3406-T01 01/24/07 14:10 001				
Arsenic	69	25	ug/L	SW846 6020
Antimony	34	10	ug/L	SW846 6020
Manganese	1700	10	ug/L	SW846 6010B
Cobalt	48	10	ug/L	SW846 6010B
Potassium	620000	30000	ug/L	SW846 6010B
Magnesium	42000	200	ug/L	SW846 6010B
Calcium	28000	200	ug/L	SW846 6010B
Iron	7000	100	ug/L	SW846 6010B
Sodium	1900000	5000	ug/L	SW846 6010B
Barium	920	100	ug/L	SW846 6010B
Chromium	260	10	ug/L	SW846 6010B
Copper	19	15	ug/L	SW846 6010B
Nickel	330	50	ug/L	SW846 6010B
Vanadium	140	25	ug/L	SW846 6010B
Acetone	1300 B	1300	ug/L	SW846 8260B
Benzene	2.7 J	6.0	ug/L	SW846 8260B
2-Butanone (MEK)	820 J	1300	ug/L	SW846 8260B
Chlorobenzene	0.45 J	6.0	ug/L	SW846 8260B
1,1-Dichloroethane	0.88 J	10	ug/L	SW846 8260B
cis-1,2-Dichloroethene	3.4 J	10	ug/L	SW846 8260B
Ethylbenzene	15	10	ug/L	SW846 8260B
4-Methyl-2-pentanone	17 J	200	ug/L	SW846 8260B
Toluene	69	10	ug/L	SW846 8260B
Trichloroethene	0.38 J	6.0	ug/L	SW846 8260B
Vinyl chloride	1.9 J	11	ug/L	SW846 8260B
Xylenes (total)	33	8.0	ug/L	SW846 8260B
Total Dissolved Solids	2000	10	mg/L	MCAWW 160.1
Biochemical Oxygen Demand (BOD)	380 Q	10	mg/L	MCAWW 405.1
Chloride	2800 Q	30	mg/L	MCAWW 300.0A
Total Organic Carbon	580 Q	20	mg/L	MCAWW 415.1
Total phosphorus	5.6 Q	0.50	mg/L	MCAWW 365.3
Bicarbonate, as CaCO3	7200 J	40	mg/L	MCAWW 310.1
Total Alkalinity	7200 J,Q	40	mg/L	MCAWW 310.1
Ammonia as N	860 Q	20	mg/L	MCAWW 350.1
Chemical Oxygen Demand (COD)	1700 Q	1000	mg/L	MCAWW 410.4

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7A250154

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TRIP BLANK 01/24/07 002				
Acetone	28 J	100	ug/L	SW846 8260B
2-Butanone (MEK)	22 J	100	ug/L	SW846 8260B
Ethylbenzene	0.83 J	5.0	ug/L	SW846 8260B
Methylene chloride	0.48 J,B	5.5	ug/L	SW846 8260B
Toluene	3.1 J	5.0	ug/L	SW846 8260B
Xylenes (total)	1.7 J	4.0	ug/L	SW846 8260B

PREPARATION METHODS SUMMARY

D7A250154

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Acid Digestion for Total Metals by ICPMS	SW846 3020A	SW846 6020
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
Ammonia preparation	MCAWW 350.1	MCAWW 350.1
Bicarbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Carbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4	MCAWW 410.4
Chloride	MCAWW 300.0A	MCAWW 300.0A
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Incubation	MCAWW 405.1	MCAWW 405.1
Mercury Sample Preparation	SW846 7470A	SW846 7470A
Non-Filterable Residue (TSS)	MCAWW 160.2	MCAWW 160.2
Potentiometric titration to preselected pH	MCAWW 310.1	MCAWW 310.1
Result obtained by calculation	MCAWW 353.2	MCAWW 353.2
Sulfate	MCAWW 375.4	MCAWW 375.4
Total Organic Carbon	MCAWW 415.1	MCAWW 415.1
Total Phosphorus	MCAWW 365.3	MCAWW 365.3
25 mL Purge-and-Trap	SW846 5030B/826	SW846 8260B

References:

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

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

ANALYTICAL METHODS SUMMARY

D7A250154

PARAMETER	ANALYTICAL METHOD
Alkalinity	MCAWW 310.1
Bicarbonate Alkalinity	MCAWW 310.1
Biochemical Oxygen Demand	MCAWW 405.1
Carbonate Alkalinity	MCAWW 310.1
Chemical Oxygen Demand	MCAWW 410.4
Chloride	MCAWW 300.0A
Filterable Residue (TDS)	MCAWW 160.1
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Nitrate	MCAWW 353.2
Nitrogen, Ammonia	MCAWW 350.1
Non-Filterable Residue (TSS)	MCAWW 160.2
Sulfate	MCAWW 375.4
Total phosphorus	MCAWW 365.3
Total Organic Carbon	MCAWW 415.1
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

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

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

METHOD / ANALYST SUMMARY

D7A250154

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 160.1	Kevin Bloom	006134
MCAWW 160.2	Kevin Bloom	006134
MCAWW 300.0A	Grant Henshaw	004878
MCAWW 310.1	Bilikisu Davies-Moir	021821
MCAWW 350.1	Claire Likar	004382
MCAWW 353.2	Claire Likar	004382
MCAWW 365.3	Yupanqui Caldas	000999
MCAWW 375.4	Kim Bertha	007985
MCAWW 405.1	Christopher Grisdale	009582
MCAWW 410.4	Kim Bertha	007985
MCAWW 415.1	Daniel Natan	001552
SW846 6010B	Lynn-Anne Trudell	006645
SW846 6020	Thomas Lill	006929
SW846 6020	Thomas Lill	6929
SW846 7470A	David Wells	5099
SW846 8260B	Jennifer Hazard	007928

References:

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

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

SAMPLE SUMMARY

D7A250154

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JNC57	001	3406-T01	01/24/07	14:10
JNC6E	002	TRIP BLANK	01/24/07	

NOTE(S):

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

Waste Management, Inc.

Client Sample ID: 3406-T01

GC/MS Volatiles

Lot-Sample #...: D7A250154-001 **Work Order #...:** JNC571D2 **Matrix.....:** WATER
Date Sampled...: 01/24/07 14:10 **Date Received..:** 01/25/07
Prep Date.....: 02/06/07 **Analysis Date..:** 02/06/07
Prep Batch #...: 7038469 **Analysis Time..:** 22:14
Dilution Factor: 2

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acrylonitrile	ND	400	ug/L
Benzene	**2.7 J**	**6.0**	**ug/L**
Bromochloromethane	ND	6.0	ug/L
Bromodichloromethane	ND	6.0	ug/L
Bromoform	ND	6.0	ug/L
Bromomethane	ND	20	ug/L
Carbon disulfide	ND	200	ug/L
Carbon tetrachloride	ND	11	ug/L
Chlorobenzene	**0.45 J**	**6.0**	**ug/L**
Dibromochloromethane	ND	6.0	ug/L
Chloroethane	ND	20	ug/L
Chloroform	ND	10	ug/L
Chloromethane	ND	11	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	26	ug/L
1,2-Dibromoethane (EDB)	ND	6.0	ug/L
Dibromomethane	ND	20	ug/L
1,2-Dichlorobenzene	ND	20	ug/L
1,4-Dichlorobenzene	ND	6.0	ug/L
trans-1,4-Dichloro-2-butene	ND	200	ug/L
1,1-Dichloroethane	**0.88 J**	**10**	**ug/L**
1,2-Dichloroethane	ND	6.0	ug/L
cis-1,2-Dichloroethene	**3.4 J**	**10**	**ug/L**
trans-1,2-Dichloroethene	ND	10	ug/L
1,1-Dichloroethene	ND	10	ug/L
1,2-Dichloropropane	ND	6.0	ug/L
cis-1,3-Dichloropropene	ND	11	ug/L
trans-1,3-Dichloropropene	ND	11	ug/L
Ethylbenzene	**15**	**10**	**ug/L**
2-Hexanone	ND	100	ug/L
Iodomethane	ND	20	ug/L
Methylene chloride	ND	11	ug/L
4-Methyl-2-pentanone	**17 J**	**200**	**ug/L**
Styrene	ND	20	ug/L
1,1,1,2-Tetrachloroethane	ND	10	ug/L
1,1,2,2-Tetrachloroethane	ND	6.0	ug/L
Tetrachloroethene	ND	6.0	ug/L

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Waste Management, Inc.

Client Sample ID: 3406-T01

GC/MS Volatiles

Lot-Sample #...: D7A250154-001 **Work Order #...:** JNC571D2 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Toluene	**69**	**10**	**ug/L**
1,1,1-Trichloroethane	ND	10	ug/L
1,1,2-Trichloroethane	ND	10	ug/L
Trichloroethene	**0.38 J**	**6.0**	**ug/L**
Trichlorofluoromethane	ND	10	ug/L
1,2,3-Trichloropropane	ND	16	ug/L
Vinyl acetate	ND	100	ug/L
Vinyl chloride	**1.9 J**	**11**	**ug/L**
Xylenes (total)	**33**	**8.0**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(79 - 119)
1,2-Dichloroethane-d4	100	(65 - 126)
4-Bromofluorobenzene	102	(75 - 115)
Toluene-d8	91	(78 - 118)

NOTE(S):

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: 3406-T01

GC/MS Volatiles

Lot-Sample #...:	D7A250154-001	Work Order #...:	JNC572D2	Matrix.....:	WATER
Date Sampled...:	01/24/07 14:10	Date Received..:	01/25/07		
Prep Date.....:	02/06/07	Analysis Date..:	02/07/07		
Prep Batch #...:	7038469	Analysis Time..:	01:03		
Dilution Factor:	13.33				
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	1300 B	1300	ug/L
2-Butanone (MEK)	820 J	1300	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(79 - 119)
1,2-Dichloroethane-d4	97	(65 - 126)
4-Bromofluorobenzene	99	(75 - 115)
Toluene-d8	90	(78 - 118)

NOTE(S):

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

J Estimated result. Result is less than RL.

Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D7A250154-002 **Work Order #...:** JNC6E1AA **Matrix.....:** WATER
Date Sampled...: 01/24/07 **Date Received..:** 01/25/07
Prep Date.....: 02/05/07 **Analysis Date..:** 02/06/07
Prep Batch #...: 7037356 **Analysis Time..:** 06:38
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**28 J**	**100**	**ug/L**
Acrylonitrile	ND	200	ug/L
Benzene	ND	3.0	ug/L
Bromochloromethane	ND	3.0	ug/L
Bromodichloromethane	ND	3.0	ug/L
Bromoform	ND	3.0	ug/L
Bromomethane	ND	10	ug/L
2-Butanone (MEK)	**22 J**	**100**	**ug/L**
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	5.5	ug/L
Chlorobenzene	ND	3.0	ug/L
Dibromochloromethane	ND	3.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.5	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	3.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	3.0	ug/L
cis-1,3-Dichloropropene	ND	5.5	ug/L
trans-1,3-Dichloropropene	ND	5.5	ug/L
Ethylbenzene	**0.83 J**	**5.0**	**ug/L**
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Methylene chloride	**0.48 J,B**	**5.5**	**ug/L**
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D7A250154-002 **Work Order #...:** JNC6E1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	3.0	ug/L
Tetrachloroethene	ND	3.0	ug/L
Toluene	**3.1 J**	**5.0**	**ug/L**
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	3.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
1,2,3-Trichloropropane	ND	8.0	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	5.5	ug/L
Xylenes (total)	**1.7 J**	**4.0**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(79 - 119)
1,2-Dichloroethane-d4	90	(65 - 126)
4-Bromofluorobenzene	105	(75 - 115)
Toluene-d8	108	(78 - 118)

NOTE(S):

J Estimated result. Result is less than RL.

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

Waste Management, Inc.

Client Sample ID: 3406-T01

TOTAL Metals

Lot-Sample #...: D7A250154-001 **Matrix.....:** WATER
Date Sampled...: 01/24/07 14:10 **Date Received..:** 01/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7025394						
Mercury	ND	0.50	ug/L	SW846 7470A	01/29/07	JNC571AG
		Dilution Factor: 1		Analysis Time..: 19:42		
Prep Batch #...: 7026343						
Potassium	**620000**	**30000**	**ug/L**	**SW846 6010B**	**01/26-01/29/07**	**JNC571AL**
		Dilution Factor: 10		Analysis Time..: 15:28		
Magnesium	**42000**	**200**	**ug/L**	**SW846 6010B**	**01/26-01/29/07**	**JNC571AM**
		Dilution Factor: 1		Analysis Time..: 15:07		
Calcium	**28000**	**200**	**ug/L**	**SW846 6010B**	**01/26-01/29/07**	**JNC571AT**
		Dilution Factor: 1		Analysis Time..: 15:07		
Manganese	**1700**	**10**	**ug/L**	**SW846 6010B**	**01/26-01/29/07**	**JNC571AU**
		Dilution Factor: 1		Analysis Time..: 15:07		
Iron	**7000**	**100**	**ug/L**	**SW846 6010B**	**01/26-01/29/07**	**JNC571AV**
		Dilution Factor: 1		Analysis Time..: 15:07		
Sodium	**1900000**	**5000**	**ug/L**	**SW846 6010B**	**01/26-01/29/07**	**JNC571AX**
		Dilution Factor: 1		Analysis Time..: 15:07		
Barium	**920**	**100**	**ug/L**	**SW846 6010B**	**01/26-01/29/07**	**JNC571A3**
		Dilution Factor: 1		Analysis Time..: 15:07		
Chromium	**260**	**10**	**ug/L**	**SW846 6010B**	**01/26-01/29/07**	**JNC571A5**
		Dilution Factor: 1		Analysis Time..: 15:07		
Copper	**19**	**15**	**ug/L**	**SW846 6010B**	**01/26-01/29/07**	**JNC571A6**
		Dilution Factor: 1		Analysis Time..: 15:07		
Nickel	**330**	**50**	**ug/L**	**SW846 6010B**	**01/26-01/29/07**	**JNC571A7**
		Dilution Factor: 1		Analysis Time..: 15:07		
Lead	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNC571A8
		Dilution Factor: 1		Analysis Time..: 15:07		
Selenium	ND	15	ug/L	SW846 6010B	01/26-01/29/07	JNC571CA
		Dilution Factor: 1		Analysis Time..: 15:07		

(Continued on next page)

Waste Management, Inc.

Client Sample ID: 3406-T01

TOTAL Metals

Lot-Sample #...: D7A250154-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**140**	**25**	**ug/L**	**SW846 6010B**	**01/26-01/29/07**	**JNC571CD**
		Dilution Factor: 1		Analysis Time..: 15:07		
Zinc	ND	20	ug/L	SW846 6010B	01/26-01/29/07	JNC571CE
		Dilution Factor: 1		Analysis Time..: 15:07		
Silver	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNC571CF
		Dilution Factor: 1		Analysis Time..: 15:07		
Cobalt	**48**	**10**	**ug/L**	**SW846 6010B**	**01/26-01/29/07**	**JNC571CG**
		Dilution Factor: 1		Analysis Time..: 15:07		
Prep Batch #...: 7026431						
Thallium	ND	5.0	ug/L	SW846 6020	01/30/07	JNC571D4
		Dilution Factor: 5		Analysis Time..: 22:13		
Arsenic	**69**	**25**	**ug/L**	**SW846 6020**	**01/30/07**	**JNC571DX**
		Dilution Factor: 5		Analysis Time..: 22:13		
Cadmium	ND	5.0	ug/L	SW846 6020	01/30/07	JNC571D3
		Dilution Factor: 5		Analysis Time..: 22:13		
Beryllium	ND	5.0	ug/L	SW846 6020	01/30/07	JNC571D0
		Dilution Factor: 5		Analysis Time..: 22:13		
Antimony	**34**	**10**	**ug/L**	**SW846 6020**	**01/30/07**	**JNC571D1**
		Dilution Factor: 5		Analysis Time..: 22:13		

Waste Management, Inc.

Client Sample ID: 3406-T01

General Chemistry

Lot-Sample #...: D7A250154-001 **Work Order #...:** JNC57 **Matrix.....:** WATER
Date Sampled...: 01/24/07 14:10 **Date Received..:** 01/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	**860 Q**	**20**	**mg/L**	**MCAWW 350.1**	**01/30/07**	**7031247**
		Dilution Factor: 500		Analysis Time..: 18:00		
Bicarbonate, as CaCO 3	**7200 J**	**40**	**mg/L**	**MCAWW 310.1**	**01/26/07**	**7026183**
		Dilution Factor: 8		Analysis Time..: 09:30		
Biochemical Oxygen Demand (BOD)	**380 Q**	**10**	**mg/L**	**MCAWW 405.1**	**01/25/07**	**7025402**
		Dilution Factor: 5		Analysis Time..: 13:00		
Carbonate, as CaCO3	ND	40	mg/L	MCAWW 310.1	01/26/07	7026186
		Dilution Factor: 8		Analysis Time..: 09:30		
Chemical Oxygen Demand (COD)	**1700 Q**	**1000**	**mg/L**	**MCAWW 410.4**	**01/30/07**	**7030091**
		Dilution Factor: 20		Analysis Time..: 08:00		
Chloride	**2800 Q**	**30**	**mg/L**	**MCAWW 300.0A**	**01/27/07**	**7029109**
		Dilution Factor: 100		Analysis Time..: 17:17		
Nitrate	ND	0.50	mg/L	MCAWW 353.2	01/25/07	7032464
		Dilution Factor: 1		Analysis Time..: 17:55		
Sulfate	ND G	25	mg/L	MCAWW 375.4	01/31/07	7031466
		Dilution Factor: 5		Analysis Time..: 11:00		
Total phosphorus	**5.6 Q**	**0.50**	**mg/L**	**MCAWW 365.3**	**01/28-01/29/07**	**7029454**
		Dilution Factor: 10		Analysis Time..: 21:00		
Total Alkalinity	**7200 J,Q**	**40**	**mg/L**	**MCAWW 310.1**	**01/26/07**	**7026182**
		Dilution Factor: 8		Analysis Time..: 09:30		
Total Dissolved Solids	**2000**	**10**	**mg/L**	**MCAWW 160.1**	**01/26/07**	**7026307**
		Dilution Factor: 1		Analysis Time..: 12:00		
Total Organic Carbon	**580 Q**	**20**	**mg/L**	**MCAWW 415.1**	**01/29-01/30/07**	**7030135**
		Dilution Factor: 20		Analysis Time..: 00:15		
Total Suspended Solids	ND G	10	mg/L	MCAWW 160.2	01/29/07	7029428
		Dilution Factor: 2.5		Analysis Time..: 10:00		

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Waste Management, Inc.

Client Sample ID: 3406-T01

General Chemistry

Lot-Sample #...: D7A250154-001 Work Order #...: JNC57 Matrix.....: WATER

NOTE(S):

RL Reporting Limit

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

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

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

QC DATA ASSOCIATION SUMMARY

D7A250154

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	MCAWW 160.1		7026307	7030108
	WATER	MCAWW 160.2		7029428	7030116
	WATER	MCAWW 310.1		7026186	
	WATER	MCAWW 353.2		7032464	
	WATER	MCAWW 405.1		7025402	7031281
	WATER	MCAWW 300.0A		7029109	7029057
	WATER	MCAWW 415.1		7030135	7030077
	WATER	MCAWW 365.3		7029454	7029286
	WATER	SW846 6020		7026431	7026268
	WATER	SW846 7470A		7025394	7025264
	WATER	SW846 8260B		7038469	7038275
	WATER	SW846 6010B		7026343	7026211
	WATER	MCAWW 375.4		7031466	7031264
	WATER	MCAWW 310.1		7026183	
	WATER	MCAWW 310.1		7026182	7026136
	WATER	MCAWW 350.1		7031247	7031133
	WATER	MCAWW 410.4		7030091	7030243
002	WATER	SW846 8260B		7037356	7037229

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7A250154 **Work Order #...:** JN1WK1AA **Matrix.....:** WATER
MB Lot-Sample #: D7B060000-356

Prep Date.....: 02/05/07 **Analysis Time..:** 00:11
Analysis Date..: 02/06/07 **Prep Batch #...:** 7037356
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	**0.15 J**	**10**	**ug/L**	**SW846 8260B**
1,4-Dichlorobenzene	**0.22 J**	**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	**0.51 J**	**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 #...: D7A250154 **Work Order #...:** JN1WK1AA **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	102	(79 - 119)
1,2-Dichloroethane-d4	104	(65 - 126)
4-Bromofluorobenzene	101	(75 - 115)
Toluene-d8	103	(78 - 118)

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7A250154 **Work Order #...:** JN36H1AA **Matrix.....:** WATER
MB Lot-Sample #: D7B070000-469

Prep Date.....: 02/06/07 **Analysis Time..:** 21:54
Analysis Date..: 02/06/07 **Prep Batch #...:** 7038469
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	**3.7 J**	**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 #...: D7A250154 **Work Order #...:** JN36H1AA **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	95	(79 - 119)
1,2-Dichloroethane-d4	93	(65 - 126)
4-Bromofluorobenzene	90	(75 - 115)
Toluene-d8	90	(78 - 118)

NOTE(S):

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7A250154 **Work Order #...:** JN1WK1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7B060000-356 JN1WK1AD-LCSD
Prep Date.....: 02/05/07 **Analysis Date..:** 02/05/07
Prep Batch #...: 7037356 **Analysis Time..:** 23:33
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	100	(77 - 118)			SW846 8260B
	100	(77 - 118)	0.48	(0-20)	SW846 8260B
1,3-Dichlorobenzene	97	(75 - 115)			SW846 8260B
	97	(75 - 115)	0.42	(0-20)	SW846 8260B
Bromodichloromethane	105	(78 - 118)			SW846 8260B
	103	(78 - 118)	2.0	(0-20)	SW846 8260B
Carbon tetrachloride	94	(80 - 120)			SW846 8260B
	97	(80 - 120)	3.4	(0-21)	SW846 8260B
Chlorobenzene	98	(78 - 118)			SW846 8260B
	100	(78 - 118)	1.8	(0-20)	SW846 8260B
Chloroform	101	(78 - 118)			SW846 8260B
	101	(78 - 118)	0.24	(0-20)	SW846 8260B
1,1-Dichloroethane	102	(77 - 117)			SW846 8260B
	102	(77 - 117)	0.24	(0-21)	SW846 8260B
trans-1,2-Dichloroethene	99	(80 - 120)			SW846 8260B
	97	(80 - 120)	1.7	(0-24)	SW846 8260B
1,1-Dichloroethene	94	(68 - 133)			SW846 8260B
	97	(68 - 133)	3.4	(0-20)	SW846 8260B
1,2-Dichloropropane	107	(76 - 116)			SW846 8260B
	105	(76 - 116)	1.2	(0-20)	SW846 8260B
Ethylbenzene	100	(78 - 118)			SW846 8260B
	100	(78 - 118)	0.11	(0-26)	SW846 8260B
Methylene chloride	97	(71 - 119)			SW846 8260B
	100	(71 - 119)	3.3	(0-20)	SW846 8260B
Tetrachloroethene	92	(77 - 117)			SW846 8260B
	95	(77 - 117)	3.0	(0-20)	SW846 8260B
Toluene	96	(73 - 120)			SW846 8260B
	99	(73 - 120)	3.3	(0-20)	SW846 8260B
1,1,1-Trichloroethane	95	(78 - 118)			SW846 8260B
	97	(78 - 118)	2.1	(0-20)	SW846 8260B
Trichloroethene	104	(78 - 122)			SW846 8260B
	103	(78 - 122)	1.1	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(79 - 119)
	103	(79 - 119)
1,2-Dichloroethane-d4	104	(65 - 126)
	104	(65 - 126)
4-Bromofluorobenzene	112	(75 - 115)
	110	(75 - 115)
Toluene-d8	101	(78 - 118)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7A250154 **Work Order #...:** JN1WK1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7B060000-356 JN1WK1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	104	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7A250154 **Work Order #...:** JN1WK1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7B060000-356 JN1WK1AD-LCSD
Prep Date.....: 02/05/07 **Analysis Date..:** 02/05/07
Prep Batch #...: 7037356 **Analysis Time..:** 23:33
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	10.0	10.0	ug/L	100		SW846 8260B
	10.0	9.98	ug/L	100	0.48	SW846 8260B
1,3-Dichlorobenzene	10.0	9.69	ug/L	97		SW846 8260B
	10.0	9.73	ug/L	97	0.42	SW846 8260B
Bromodichloromethane	10.0	10.5	ug/L	105		SW846 8260B
	10.0	10.3	ug/L	103	2.0	SW846 8260B
Carbon tetrachloride	10.0	9.42	ug/L	94		SW846 8260B
	10.0	9.75	ug/L	97	3.4	SW846 8260B
Chlorobenzene	10.0	9.78	ug/L	98		SW846 8260B
	10.0	9.96	ug/L	100	1.8	SW846 8260B
Chloroform	10.0	10.1	ug/L	101		SW846 8260B
	10.0	10.1	ug/L	101	0.24	SW846 8260B
1,1-Dichloroethane	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.2	ug/L	102	0.24	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.85	ug/L	99		SW846 8260B
	10.0	9.68	ug/L	97	1.7	SW846 8260B
1,1-Dichloroethene	10.0	9.37	ug/L	94		SW846 8260B
	10.0	9.70	ug/L	97	3.4	SW846 8260B
1,2-Dichloropropane	10.0	10.7	ug/L	107		SW846 8260B
	10.0	10.5	ug/L	105	1.2	SW846 8260B
Ethylbenzene	10.0	9.96	ug/L	100		SW846 8260B
	10.0	9.97	ug/L	100	0.11	SW846 8260B
Methylene chloride	10.0	9.66	ug/L	97		SW846 8260B
	10.0	9.99	ug/L	100	3.3	SW846 8260B
Tetrachloroethene	10.0	9.18	ug/L	92		SW846 8260B
	10.0	9.46	ug/L	95	3.0	SW846 8260B
Toluene	10.0	9.57	ug/L	96		SW846 8260B
	10.0	9.89	ug/L	99	3.3	SW846 8260B
1,1,1-Trichloroethane	10.0	9.48	ug/L	95		SW846 8260B
	10.0	9.69	ug/L	97	2.1	SW846 8260B
Trichloroethene	10.0	10.4	ug/L	104		SW846 8260B
	10.0	10.3	ug/L	103	1.1	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(79 - 119)
	103	(79 - 119)
1,2-Dichloroethane-d4	104	(65 - 126)
	104	(65 - 126)
4-Bromofluorobenzene	112	(75 - 115)
	110	(75 - 115)
Toluene-d8	101	(78 - 118)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7A250154 **Work Order #...:** JN1WK1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7B060000-356 JN1WK1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	104	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7A250154 Work Order #...: JN36H1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: D7B070000-469 JN36H1AD-LCSD
Prep Date.....: 02/06/07 Analysis Date..: 02/06/07
Prep Batch #...: 7038469 Analysis Time..: 21:12
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	80	(77 - 118)			SW846 8260B
	84	(77 - 118)	4.6	(0-20)	SW846 8260B
1,3-Dichlorobenzene	86	(75 - 115)			SW846 8260B
	86	(75 - 115)	0.35	(0-20)	SW846 8260B
Bromodichloromethane	96	(78 - 118)			SW846 8260B
	101	(78 - 118)	4.9	(0-20)	SW846 8260B
Carbon tetrachloride	102	(80 - 120)			SW846 8260B
	105	(80 - 120)	3.5	(0-21)	SW846 8260B
Chlorobenzene	92	(78 - 118)			SW846 8260B
	95	(78 - 118)	3.6	(0-20)	SW846 8260B
Chloroform	90	(78 - 118)			SW846 8260B
	94	(78 - 118)	4.3	(0-20)	SW846 8260B
1,1-Dichloroethane	89	(77 - 117)			SW846 8260B
	93	(77 - 117)	3.8	(0-21)	SW846 8260B
trans-1,2-Dichloroethene	86	(80 - 120)			SW846 8260B
	90	(80 - 120)	4.5	(0-24)	SW846 8260B
1,1-Dichloroethene	94	(68 - 133)			SW846 8260B
	95	(68 - 133)	1.1	(0-20)	SW846 8260B
1,2-Dichloropropane	89	(76 - 116)			SW846 8260B
	89	(76 - 116)	0.63	(0-20)	SW846 8260B
Ethylbenzene	84	(78 - 118)			SW846 8260B
	88	(78 - 118)	4.2	(0-26)	SW846 8260B
Methylene chloride	89	(71 - 119)			SW846 8260B
	93	(71 - 119)	4.3	(0-20)	SW846 8260B
Tetrachloroethene	88	(77 - 117)			SW846 8260B
	90	(77 - 117)	1.5	(0-20)	SW846 8260B
Toluene	82	(73 - 120)			SW846 8260B
	83	(73 - 120)	1.5	(0-20)	SW846 8260B
1,1,1-Trichloroethane	95	(78 - 118)			SW846 8260B
	97	(78 - 118)	2.3	(0-20)	SW846 8260B
Trichloroethene	91	(78 - 122)			SW846 8260B
	92	(78 - 122)	0.84	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(79 - 119)
	94	(79 - 119)
1,2-Dichloroethane-d4	91	(65 - 126)
	93	(65 - 126)
4-Bromofluorobenzene	93	(75 - 115)
	97	(75 - 115)
Toluene-d8	93	(78 - 118)

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7A250154 **Work Order #...:** JN36H1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7B070000-469 JN36H1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	94	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7A250154 **Work Order #...:** JN36H1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7B070000-469 JN36H1AD-LCSD
Prep Date.....: 02/06/07 **Analysis Date..:** 02/06/07
Prep Batch #...: 7038469 **Analysis Time..:** 21:12
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	10.0	8.00	ug/L	80		SW846 8260B
	10.0	8.38	ug/L	84	4.6	SW846 8260B
1,3-Dichlorobenzene	10.0	8.56	ug/L	86		SW846 8260B
	10.0	8.59	ug/L	86	0.35	SW846 8260B
Bromodichloromethane	10.0	9.58	ug/L	96		SW846 8260B
	10.0	10.1	ug/L	101	4.9	SW846 8260B
Carbon tetrachloride	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.5	ug/L	105	3.5	SW846 8260B
Chlorobenzene	10.0	9.18	ug/L	92		SW846 8260B
	10.0	9.52	ug/L	95	3.6	SW846 8260B
Chloroform	10.0	9.01	ug/L	90		SW846 8260B
	10.0	9.40	ug/L	94	4.3	SW846 8260B
1,1-Dichloroethane	10.0	8.95	ug/L	89		SW846 8260B
	10.0	9.30	ug/L	93	3.8	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.63	ug/L	86		SW846 8260B
	10.0	9.03	ug/L	90	4.5	SW846 8260B
1,1-Dichloroethene	10.0	9.42	ug/L	94		SW846 8260B
	10.0	9.53	ug/L	95	1.1	SW846 8260B
1,2-Dichloropropane	10.0	8.88	ug/L	89		SW846 8260B
	10.0	8.93	ug/L	89	0.63	SW846 8260B
Ethylbenzene	10.0	8.42	ug/L	84		SW846 8260B
	10.0	8.78	ug/L	88	4.2	SW846 8260B
Methylene chloride	10.0	8.88	ug/L	89		SW846 8260B
	10.0	9.27	ug/L	93	4.3	SW846 8260B
Tetrachloroethene	10.0	8.82	ug/L	88		SW846 8260B
	10.0	8.96	ug/L	90	1.5	SW846 8260B
Toluene	10.0	8.16	ug/L	82		SW846 8260B
	10.0	8.29	ug/L	83	1.5	SW846 8260B
1,1,1-Trichloroethane	10.0	9.51	ug/L	95		SW846 8260B
	10.0	9.74	ug/L	97	2.3	SW846 8260B
Trichloroethene	10.0	9.11	ug/L	91		SW846 8260B
	10.0	9.19	ug/L	92	0.84	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(79 - 119)
	94	(79 - 119)
1,2-Dichloroethane-d4	91	(65 - 126)
	93	(65 - 126)
4-Bromofluorobenzene	93	(75 - 115)
	97	(75 - 115)
Toluene-d8	93	(78 - 118)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7A250154 **Work Order #...:** JN36H1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7B070000-469 JN36H1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	94	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7A250154 **Work Order #...:** JN1WJ1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D7A020125-032 JN1WJ1AD-MSD
Date Sampled...: 02/03/07 07:00 **Date Received..:** 02/03/07
Prep Date.....: 02/05/07 **Analysis Date..:** 02/05/07
Prep Batch #...: 7037356 **Analysis Time..:** 01:06
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	102	(77 - 118)			SW846 8260B
	102	(77 - 118)	0.11	(0-20)	SW846 8260B
1,3-Dichlorobenzene	95	(75 - 115)			SW846 8260B
	96	(75 - 115)	0.93	(0-20)	SW846 8260B
Bromodichloromethane	108	(78 - 118)			SW846 8260B
	109	(78 - 118)	0.98	(0-20)	SW846 8260B
Carbon tetrachloride	97	(80 - 120)			SW846 8260B
	93	(80 - 120)	3.7	(0-21)	SW846 8260B
Chlorobenzene	102	(78 - 118)			SW846 8260B
	101	(78 - 118)	1.3	(0-20)	SW846 8260B
Chloroform	102	(78 - 118)			SW846 8260B
	100	(78 - 118)	2.1	(0-20)	SW846 8260B
1,1-Dichloroethane	102	(77 - 117)			SW846 8260B
	102	(77 - 117)	0.53	(0-21)	SW846 8260B
trans-1,2-Dichloroethene	97	(80 - 120)			SW846 8260B
	96	(80 - 120)	0.30	(0-24)	SW846 8260B
1,1-Dichloroethene	97	(68 - 133)			SW846 8260B
	95	(68 - 133)	2.5	(0-20)	SW846 8260B
1,2-Dichloropropane	110	(76 - 116)			SW846 8260B
	111	(76 - 116)	0.90	(0-20)	SW846 8260B
Ethylbenzene	102	(78 - 118)			SW846 8260B
	101	(78 - 118)	1.2	(0-26)	SW846 8260B
Methylene chloride	109	(71 - 119)			SW846 8260B
	104	(71 - 119)	5.0	(0-20)	SW846 8260B
Tetrachloroethene	97	(77 - 117)			SW846 8260B
	96	(77 - 117)	0.98	(0-20)	SW846 8260B
Toluene	101	(73 - 120)			SW846 8260B
	101	(73 - 120)	0.72	(0-20)	SW846 8260B
1,1,1-Trichloroethane	95	(78 - 118)			SW846 8260B
	92	(78 - 118)	3.4	(0-20)	SW846 8260B
Trichloroethene	103	(78 - 122)			SW846 8260B
	104	(78 - 122)	0.89	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(79 - 119)
	104	(79 - 119)
1,2-Dichloroethane-d4	109	(65 - 126)
	111	(65 - 126)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7A250154 **Work Order #...:** JN1WJ1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D7A020125-032 JN1WJ1AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	111	(75 - 115)
	110	(75 - 115)
Toluene-d8	106	(78 - 118)
	104	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7A250154 Work Order #...: JN1WJ1AC-MS Matrix.....: WATER
MS Lot-Sample #: D7A020125-032 JN1WJ1AD-MSD
Date Sampled...: 02/03/07 07:00 Date Received..: 02/03/07
Prep Date.....: 02/05/07 Analysis Date..: 02/05/07
Prep Batch #...: 7037356 Analysis Time..: 01:06
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.2	ug/L	102	0.11	SW846 8260B
1,3-Dichlorobenzene	ND	10.0	9.52	ug/L	95		SW846 8260B
	ND	10.0	9.61	ug/L	96	0.93	SW846 8260B
Bromodichloromethane	ND	10.0	10.8	ug/L	108		SW846 8260B
	ND	10.0	10.9	ug/L	109	0.98	SW846 8260B
Carbon tetrachloride	ND	10.0	9.67	ug/L	97		SW846 8260B
	ND	10.0	9.32	ug/L	93	3.7	SW846 8260B
Chlorobenzene	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.1	ug/L	101	1.3	SW846 8260B
Chloroform	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.0	ug/L	100	2.1	SW846 8260B
1,1-Dichloroethane	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.2	ug/L	102	0.53	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	9.67	ug/L	97		SW846 8260B
	ND	10.0	9.64	ug/L	96	0.30	SW846 8260B
1,1-Dichloroethene	ND	10.0	9.73	ug/L	97		SW846 8260B
	ND	10.0	9.49	ug/L	95	2.5	SW846 8260B
1,2-Dichloropropane	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	11.1	ug/L	111	0.90	SW846 8260B
Ethylbenzene	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.1	ug/L	101	1.2	SW846 8260B
Methylene chloride	0.44	10.0	11.4	ug/L	109		SW846 8260B
	0.44	10.0	10.8	ug/L	104	5.0	SW846 8260B
Tetrachloroethene	ND	10.0	9.71	ug/L	97		SW846 8260B
	ND	10.0	9.61	ug/L	96	0.98	SW846 8260B
Toluene	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	10.1	ug/L	101	0.72	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	9.55	ug/L	95		SW846 8260B
	ND	10.0	9.23	ug/L	92	3.4	SW846 8260B
Trichloroethene	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.4	ug/L	104	0.89	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(79 - 119)
	104	(79 - 119)
1,2-Dichloroethane-d4	109	(65 - 126)
	111	(65 - 126)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7A250154 **Work Order #...:** JN1WJ1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D7A020125-032 JN1WJ1AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	111	(75 - 115)
	110	(75 - 115)
Toluene-d8	106	(78 - 118)
	104	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7A250154 **Work Order #...:** JNN4H1AJ-MS **Matrix.....:** WATER
MS Lot-Sample #: D7A310343-001 JNN4H1AK-MSD
Date Sampled...: 01/31/07 11:05 **Date Received..:** 01/31/07
Prep Date.....: 02/06/07 **Analysis Date..:** 02/06/07
Prep Batch #...: 7038469 **Analysis Time..:** 23:38
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	80	(77 - 118)			SW846 8260B
	79	(77 - 118)	1.5	(0-20)	SW846 8260B
1,3-Dichlorobenzene	85	(75 - 115)			SW846 8260B
	84	(75 - 115)	1.1	(0-20)	SW846 8260B
Bromodichloromethane	94	(78 - 118)			SW846 8260B
	93	(78 - 118)	0.92	(0-20)	SW846 8260B
Carbon tetrachloride	96	(80 - 120)			SW846 8260B
	97	(80 - 120)	1.5	(0-21)	SW846 8260B
Chlorobenzene	95	(78 - 118)			SW846 8260B
	92	(78 - 118)	4.0	(0-20)	SW846 8260B
Chloroform	88	(78 - 118)			SW846 8260B
	88	(78 - 118)	0.26	(0-20)	SW846 8260B
1,1-Dichloroethane	89	(77 - 117)			SW846 8260B
	86	(77 - 117)	2.1	(0-21)	SW846 8260B
trans-1,2-Dichloroethene	82	(80 - 120)			SW846 8260B
	84	(80 - 120)	2.2	(0-24)	SW846 8260B
1,1-Dichloroethene	86	(68 - 133)			SW846 8260B
	84	(68 - 133)	2.7	(0-20)	SW846 8260B
1,2-Dichloropropane	84	(76 - 116)			SW846 8260B
	85	(76 - 116)	0.80	(0-20)	SW846 8260B
Ethylbenzene	88	(78 - 118)			SW846 8260B
	87	(78 - 118)	1.6	(0-26)	SW846 8260B
Methylene chloride	84	(71 - 119)			SW846 8260B
	82	(71 - 119)	2.6	(0-20)	SW846 8260B
Tetrachloroethene	90	(77 - 117)			SW846 8260B
	89	(77 - 117)	1.3	(0-20)	SW846 8260B
Toluene	84	(73 - 120)			SW846 8260B
	82	(73 - 120)	2.5	(0-20)	SW846 8260B
1,1,1-Trichloroethane	89	(78 - 118)			SW846 8260B
	90	(78 - 118)	1.4	(0-20)	SW846 8260B
Trichloroethene	91	(78 - 122)			SW846 8260B
	89	(78 - 122)	2.0	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(79 - 119)
	88	(79 - 119)
1,2-Dichloroethane-d4	89	(65 - 126)
	86	(65 - 126)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7A250154 **Work Order #...:** JNN4H1AJ-MS **Matrix.....:** WATER
MS Lot-Sample #: D7A310343-001 JNN4H1AK-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	95	(75 - 115)
	91	(75 - 115)
Toluene-d8	98	(78 - 118)
	94	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7A250154 **Work Order #...:** JNN4H1AJ-MS **Matrix.....:** WATER
MS Lot-Sample #: D7A310343-001 JNN4H1AK-MSD
Date Sampled...: 01/31/07 11:05 **Date Received..:** 01/31/07
Prep Date.....: 02/06/07 **Analysis Date..:** 02/06/07
Prep Batch #...: 7038469 **Analysis Time..:** 23:38
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	ND	10.0	8.00	ug/L	80		SW846 8260B
	ND	10.0	7.88	ug/L	79	1.5	SW846 8260B
1,3-Dichlorobenzene	ND	10.0	8.52	ug/L	85		SW846 8260B
	ND	10.0	8.42	ug/L	84	1.1	SW846 8260B
Bromodichloromethane	ND	10.0	9.43	ug/L	94		SW846 8260B
	ND	10.0	9.34	ug/L	93	0.92	SW846 8260B
Carbon tetrachloride	ND	10.0	9.58	ug/L	96		SW846 8260B
	ND	10.0	9.73	ug/L	97	1.5	SW846 8260B
Chlorobenzene	ND	10.0	9.54	ug/L	95		SW846 8260B
	ND	10.0	9.17	ug/L	92	4.0	SW846 8260B
Chloroform	ND	10.0	8.80	ug/L	88		SW846 8260B
	ND	10.0	8.82	ug/L	88	0.26	SW846 8260B
1,1-Dichloroethane	4.8	10.0	13.6	ug/L	89		SW846 8260B
	4.8	10.0	13.3	ug/L	86	2.1	SW846 8260B
trans-1,2-Dichloroethene	0.29	10.0	8.47	ug/L	82		SW846 8260B
	0.29	10.0	8.66	ug/L	84	2.2	SW846 8260B
1,1-Dichloroethene	ND	10.0	8.63	ug/L	86		SW846 8260B
	ND	10.0	8.40	ug/L	84	2.7	SW846 8260B
1,2-Dichloropropane	0.20	10.0	8.60	ug/L	84		SW846 8260B
	0.20	10.0	8.67	ug/L	85	0.80	SW846 8260B
Ethylbenzene	ND	10.0	8.82	ug/L	88		SW846 8260B
	ND	10.0	8.68	ug/L	87	1.6	SW846 8260B
Methylene chloride	ND	10.0	8.38	ug/L	84		SW846 8260B
	ND	10.0	8.16	ug/L	82	2.6	SW846 8260B
Tetrachloroethene	2.3	10.0	11.3	ug/L	90		SW846 8260B
	2.3	10.0	11.1	ug/L	89	1.3	SW846 8260B
Toluene	ND	10.0	8.36	ug/L	84		SW846 8260B
	ND	10.0	8.15	ug/L	82	2.5	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	8.90	ug/L	89		SW846 8260B
	ND	10.0	9.03	ug/L	90	1.4	SW846 8260B
Trichloroethene	2.4	10.0	11.5	ug/L	91		SW846 8260B
	2.4	10.0	11.3	ug/L	89	2.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(79 - 119)
	88	(79 - 119)
1,2-Dichloroethane-d4	89	(65 - 126)
	86	(65 - 126)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7A250154 **Work Order #...:** JNN4H1AJ-MS **Matrix.....:** WATER
MS Lot-Sample #: D7A310343-001 JNN4H1AK-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	95	(75 - 115)
	91	(75 - 115)
Toluene-d8	98	(78 - 118)
	94	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7A250154 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7A250000-394 **Prep Batch #...:** 7025394						
Mercury	ND	0.50	ug/L	SW846 7470A	01/29/07	JNEKM1AA
		Dilution Factor: 1				
		Analysis Time..: 19:32				
MB Lot-Sample #: D7A260000-343 **Prep Batch #...:** 7026343						
Potassium	ND	3000	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AA
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Magnesium	ND	200	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AC
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Calcium	ND	200	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AD
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Manganese	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AE
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Iron	ND	100	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AF
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Sodium	ND	5000	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AG
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Barium	ND	100	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AK
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Chromium	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AM
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Copper	ND	15	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AN
		Dilution Factor: 1				
		Analysis Time..: 14:56				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7A250154 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	50	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AP
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Lead	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AQ
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Selenium	ND	15	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AT
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Vanadium	ND	25	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AV
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Zinc	ND	20	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AW
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Silver	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1AX
		Dilution Factor: 1				
		Analysis Time..: 14:56				
Cobalt	ND	10	ug/L	SW846 6010B	01/26-01/29/07	JNGHH1A0
		Dilution Factor: 1				
		Analysis Time..: 14:56				

MB Lot-Sample #: D7A260000-431 **Prep Batch #...:** 7026431

Thallium	ND	1.0	ug/L	SW846 6020	01/30/07	JNG3A1AK
		Dilution Factor: 1				
		Analysis Time..: 22:05				
Arsenic	ND	5.0	ug/L	SW846 6020	01/30/07	JNG3A1AA
		Dilution Factor: 1				
		Analysis Time..: 22:05				
Cadmium	ND	1.0	ug/L	SW846 6020	01/30/07	JNG3A1AD
		Dilution Factor: 1				
		Analysis Time..: 22:05				
Beryllium	ND	1.0	ug/L	SW846 6020	01/30/07	JNG3A1AC
		Dilution Factor: 1				
		Analysis Time..: 22:05				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7A250154

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	2.0	ug/L	SW846 6020	01/30/07	JNG3A1AE

Dilution Factor: 1

Analysis Time..: 22:05

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7A250154 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7A250000-394 **Prep Batch #...:** 7025394					
Mercury	99	(88 - 111)	SW846 7470A	01/29/07	JNEKM1AC
		Dilution Factor: 1	Analysis Time..: 19:35		
LCS Lot-Sample#: D7A260000-343 **Prep Batch #...:** 7026343					
Potassium	98	(89 - 114)	SW846 6010B	01/26-01/29/07	JNGHH1A1
		Dilution Factor: 1	Analysis Time..: 15:01		
Magnesium	99	(90 - 113)	SW846 6010B	01/26-01/29/07	JNGHH1A2
		Dilution Factor: 1	Analysis Time..: 15:01		
Calcium	99	(90 - 111)	SW846 6010B	01/26-01/29/07	JNGHH1A3
		Dilution Factor: 1	Analysis Time..: 15:01		
Manganese	98	(90 - 110)	SW846 6010B	01/26-01/29/07	JNGHH1A4
		Dilution Factor: 1	Analysis Time..: 15:01		
Iron	104	(89 - 116)	SW846 6010B	01/26-01/29/07	JNGHH1A5
		Dilution Factor: 1	Analysis Time..: 15:01		
Sodium	104	(90 - 117)	SW846 6010B	01/26-01/29/07	JNGHH1A6
		Dilution Factor: 1	Analysis Time..: 15:01		
Barium	103	(90 - 112)	SW846 6010B	01/26-01/29/07	JNGHH1A9
		Dilution Factor: 1	Analysis Time..: 15:01		
Chromium	100	(90 - 113)	SW846 6010B	01/26-01/29/07	JNGHH1CC
		Dilution Factor: 1	Analysis Time..: 15:01		
Copper	98	(86 - 112)	SW846 6010B	01/26-01/29/07	JNGHH1CD
		Dilution Factor: 1	Analysis Time..: 15:01		
Nickel	98	(89 - 111)	SW846 6010B	01/26-01/29/07	JNGHH1CE
		Dilution Factor: 1	Analysis Time..: 15:01		
Lead	100	(89 - 110)	SW846 6010B	01/26-01/29/07	JNGHH1CF
		Dilution Factor: 1	Analysis Time..: 15:01		
Selenium	102	(90 - 110)	SW846 6010B	01/26-01/29/07	JNGHH1CH
		Dilution Factor: 1	Analysis Time..: 15:01		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7A250154 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	99	(90 - 111)	SW846 6010B	01/26-01/29/07	JNGHH1CK
		Dilution Factor: 1	Analysis Time..: 15:01		
Zinc	97	(84 - 111)	SW846 6010B	01/26-01/29/07	JNGHH1CL
		Dilution Factor: 1	Analysis Time..: 15:01		
Silver	129 N	(86 - 120)	SW846 6010B	01/26-01/29/07	JNGHH1CM
		Dilution Factor: 1	Analysis Time..: 15:01		
Cobalt	98	(89 - 111)	SW846 6010B	01/26-01/29/07	JNGHH1CN
		Dilution Factor: 1	Analysis Time..: 15:01		
LCS Lot-Sample#: D7A260000-431 **Prep Batch #...:** 7026431					
Thallium	105	(86 - 124)	SW846 6020	01/30/07	JNG3A1AL
		Dilution Factor: 1	Analysis Time..: 22:09		
Arsenic	98	(89 - 111)	SW846 6020	01/30/07	JNG3A1AF
		Dilution Factor: 1	Analysis Time..: 22:09		
Cadmium	102	(89 - 111)	SW846 6020	01/30/07	JNG3A1AH
		Dilution Factor: 1	Analysis Time..: 22:09		
Beryllium	99	(76 - 132)	SW846 6020	01/30/07	JNG3A1AG
		Dilution Factor: 1	Analysis Time..: 22:09		
Antimony	106	(71 - 128)	SW846 6020	01/30/07	JNG3A1AJ
		Dilution Factor: 1	Analysis Time..: 22:09		

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250154 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7A250000-394 **Prep Batch #...:** 7025394							
Mercury	5.00	4.97	ug/L	99	SW846 7470A	01/29/07	JNEKM1AC
			Dilution Factor: 1		Analysis Time..: 19:35		
LCS Lot-Sample#: D7A260000-343 **Prep Batch #...:** 7026343							
Potassium	50000	49200	ug/L	98	SW846 6010B	01/26-01/29/07	JNGHH1A1
			Dilution Factor: 1		Analysis Time..: 15:01		
Magnesium	50000	49400	ug/L	99	SW846 6010B	01/26-01/29/07	JNGHH1A2
			Dilution Factor: 1		Analysis Time..: 15:01		
Calcium	50000	49400	ug/L	99	SW846 6010B	01/26-01/29/07	JNGHH1A3
			Dilution Factor: 1		Analysis Time..: 15:01		
Manganese	500	490	ug/L	98	SW846 6010B	01/26-01/29/07	JNGHH1A4
			Dilution Factor: 1		Analysis Time..: 15:01		
Iron	1000	1040	ug/L	104	SW846 6010B	01/26-01/29/07	JNGHH1A5
			Dilution Factor: 1		Analysis Time..: 15:01		
Sodium	50000	52000	ug/L	104	SW846 6010B	01/26-01/29/07	JNGHH1A6
			Dilution Factor: 1		Analysis Time..: 15:01		
Barium	2000	2060	ug/L	103	SW846 6010B	01/26-01/29/07	JNGHH1A9
			Dilution Factor: 1		Analysis Time..: 15:01		
Chromium	200	201	ug/L	100	SW846 6010B	01/26-01/29/07	JNGHH1CC
			Dilution Factor: 1		Analysis Time..: 15:01		
Copper	250	244	ug/L	98	SW846 6010B	01/26-01/29/07	JNGHH1CD
			Dilution Factor: 1		Analysis Time..: 15:01		
Nickel	500	490	ug/L	98	SW846 6010B	01/26-01/29/07	JNGHH1CE
			Dilution Factor: 1		Analysis Time..: 15:01		
Lead	500	499	ug/L	100	SW846 6010B	01/26-01/29/07	JNGHH1CF
			Dilution Factor: 1		Analysis Time..: 15:01		
Selenium	2000	2030	ug/L	102	SW846 6010B	01/26-01/29/07	JNGHH1CH
			Dilution Factor: 1		Analysis Time..: 15:01		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250154 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	500	493	ug/L	99	SW846 6010B	01/26-01/29/07	JNGHH1CK
			Dilution Factor: 1		Analysis Time..: 15:01		
Zinc	500	484	ug/L	97	SW846 6010B	01/26-01/29/07	JNGHH1CL
			Dilution Factor: 1		Analysis Time..: 15:01		
Silver	50.0	64.6 N	ug/L	129	SW846 6010B	01/26-01/29/07	JNGHH1CM
			Dilution Factor: 1		Analysis Time..: 15:01		
Cobalt	500	490	ug/L	98	SW846 6010B	01/26-01/29/07	JNGHH1CN
			Dilution Factor: 1		Analysis Time..: 15:01		

LCS Lot-Sample#: D7A260000-431 **Prep Batch #...:** 7026431

Thallium	40.0	42.1	ug/L	105	SW846 6020	01/30/07	JNG3A1AL
			Dilution Factor: 1		Analysis Time..: 22:09		
Arsenic	40.0	39.3	ug/L	98	SW846 6020	01/30/07	JNG3A1AF
			Dilution Factor: 1		Analysis Time..: 22:09		
Cadmium	40.0	40.9	ug/L	102	SW846 6020	01/30/07	JNG3A1AH
			Dilution Factor: 1		Analysis Time..: 22:09		
Beryllium	40.0	39.4	ug/L	99	SW846 6020	01/30/07	JNG3A1AG
			Dilution Factor: 1		Analysis Time..: 22:09		
Antimony	40.0	42.3	ug/L	106	SW846 6020	01/30/07	JNG3A1AJ
			Dilution Factor: 1		Analysis Time..: 22:09		

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 #...: D7A250154 **Matrix.....:** WATER
Date Sampled...: 01/23/07 16:38 **Date Received..:** 01/24/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A240152-001 **Prep Batch #...:** 7025394							
Mercury	84 N	(88 - 111)			SW846 7470A	01/29/07	JM9X91CQ
	82 N	(88 - 111)	2.1	(0-10)	SW846 7470A	01/29/07	JM9X91CR

Dilution Factor: 1
Analysis Time..: 20:12

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 #...: D7A250154 **Matrix.....:** WATER
Date Sampled...: 01/23/07 16:38 **Date Received..:** 01/24/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A240152-001 **Prep Batch #...:** 7025394									
Mercury									
	ND	5.00	4.19 N	ug/L	84		SW846 7470A	01/29/07	JM9X91CQ
	ND	5.00	4.10 N	ug/L	82	2.1	SW846 7470A	01/29/07	JM9X91CR
			Dilution Factor: 1						
			Analysis Time..: 20:12						

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 #...: D7A250154 **Matrix.....:** WATER
Date Sampled...: 01/24/07 10:50 **Date Received..:** 01/25/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A250327-003 **Prep Batch #...:** 7025394							
Mercury	98	(88 - 111)			SW846 7470A	01/29/07	JNEGK1A5
	98	(88 - 111)	0.10	(0-10)	SW846 7470A	01/29/07	JNEGK1A6

Dilution Factor: 1
Analysis Time..: 19:49

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250154 **Matrix.....:** WATER
Date Sampled...: 01/24/07 10:50 **Date Received..:** 01/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A250327-003 **Prep Batch #...:** 7025394									
Mercury									
	ND	5.00	4.91	ug/L	98		SW846 7470A	01/29/07	JNEGK1A5
	ND	5.00	4.92	ug/L	98	0.10	SW846 7470A	01/29/07	JNEGK1A6

Dilution Factor: 1
Analysis Time..: 19:49

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7A250154 **Matrix.....:** WATER
Date Sampled...: 01/24/07 14:10 **Date Received..:** 01/25/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A250154-001 **Prep Batch #...:** 7026343							
Potassium	NC,MSB	(76 - 132)			SW846 6010B	01/26-01/29/07	JNC571CJ
	NC,MSB	(76 - 132)		(0-25)	SW846 6010B	01/26-01/29/07	JNC571CK
		Dilution Factor: 10					
		Analysis Time..: 15:39					
Magnesium	95	(62 - 146)			SW846 6010B	01/26-01/29/07	JNC571CL
	89	(62 - 146)	3.3	(0-25)	SW846 6010B	01/26-01/29/07	JNC571CM
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Calcium	95	(48 - 153)			SW846 6010B	01/26-01/29/07	JNC571CN
	91	(48 - 153)	2.3	(0-25)	SW846 6010B	01/26-01/29/07	JNC571CP
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Manganese	86	(79 - 121)			SW846 6010B	01/26-01/29/07	JNC571CQ
	72 N	(79 - 121)	3.4	(0-25)	SW846 6010B	01/26-01/29/07	JNC571CR
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Iron	NC,MSB	(52 - 155)			SW846 6010B	01/26-01/29/07	JNC571CT
	NC,MSB	(52 - 155)		(0-25)	SW846 6010B	01/26-01/29/07	JNC571CU
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Sodium	NC,MSB	(70 - 203)			SW846 6010B	01/26-01/29/07	JNC571CV
	NC,MSB	(70 - 203)		(0-40)	SW846 6010B	01/26-01/29/07	JNC571CW
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Barium	103	(85 - 120)			SW846 6010B	01/26-01/29/07	JNC571C3
	99	(85 - 120)	2.5	(0-25)	SW846 6010B	01/26-01/29/07	JNC571C4
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Chromium	97	(73 - 135)			SW846 6010B	01/26-01/29/07	JNC571C7
	90	(73 - 135)	2.8	(0-25)	SW846 6010B	01/26-01/29/07	JNC571C8
		Dilution Factor: 1					
		Analysis Time..: 15:17					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7A250154 **Matrix.....:** WATER
Date Sampled...: 01/24/07 14:10 **Date Received..:** 01/25/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	100	(82 - 129)			SW846 6010B	01/26-01/29/07	JNC571C9
	98	(82 - 129)	2.6	(0-25)	SW846 6010B	01/26-01/29/07	JNC571DA
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Nickel	93	(84 - 120)			SW846 6010B	01/26-01/29/07	JNC571DC
	89	(84 - 120)	2.7	(0-25)	SW846 6010B	01/26-01/29/07	JNC571DD
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Lead	96	(89 - 121)			SW846 6010B	01/26-01/29/07	JNC571DE
	94	(89 - 121)	1.9	(0-25)	SW846 6010B	01/26-01/29/07	JNC571DF
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Selenium	102	(71 - 140)			SW846 6010B	01/26-01/29/07	JNC571DJ
	100	(71 - 140)	2.0	(0-25)	SW846 6010B	01/26-01/29/07	JNC571DK
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Vanadium	98	(85 - 120)			SW846 6010B	01/26-01/29/07	JNC571DN
	95	(85 - 120)	1.9	(0-25)	SW846 6010B	01/26-01/29/07	JNC571DP
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Zinc	95	(60 - 137)			SW846 6010B	01/26-01/29/07	JNC571DQ
	94	(60 - 137)	1.6	(0-25)	SW846 6010B	01/26-01/29/07	JNC571DR
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Silver	136	(75 - 141)			SW846 6010B	01/26-01/29/07	JNC571DT
	135	(75 - 141)	0.57	(0-25)	SW846 6010B	01/26-01/29/07	JNC571DU
		Dilution Factor: 1					
		Analysis Time..: 15:17					
Cobalt	96	(82 - 119)			SW846 6010B	01/26-01/29/07	JNC571DV
	94	(82 - 119)	2.1	(0-25)	SW846 6010B	01/26-01/29/07	JNC571DW
		Dilution Factor: 1					
		Analysis Time..: 15:17					

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250154 **Matrix.....:** WATER
Date Sampled...: 01/24/07 14:10 **Date Received..:** 01/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A250154-001 **Prep Batch #...:** 7026343									
Potassium									
	620000	50000	658000	ug/L			SW846 6010B	01/26-01/29/07	JNC571CJ
			Qualifiers: NC,MSB						
	620000	50000	633000	ug/L			SW846 6010B	01/26-01/29/07	JNC571CK
			Qualifiers: NC,MSB						
			Dilution Factor: 10						
			Analysis Time..: 15:39						
Magnesium									
	42000	50000	89400	ug/L	95		SW846 6010B	01/26-01/29/07	JNC571CL
	42000	50000	86500	ug/L	89	3.3	SW846 6010B	01/26-01/29/07	JNC571CM
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Calcium									
	28000	50000	75200	ug/L	95		SW846 6010B	01/26-01/29/07	JNC571CN
	28000	50000	73500	ug/L	91	2.3	SW846 6010B	01/26-01/29/07	JNC571CP
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Manganese									
	1700	500	2150	ug/L	86		SW846 6010B	01/26-01/29/07	JNC571CQ
	1700	500	2080 N	ug/L	72	3.4	SW846 6010B	01/26-01/29/07	JNC571CR
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Iron									
	7000	1000	7810	ug/L			SW846 6010B	01/26-01/29/07	JNC571CT
			Qualifiers: NC,MSB						
	7000	1000	7450	ug/L			SW846 6010B	01/26-01/29/07	JNC571CU
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Sodium									
	1900000	50000	1920000	ug/L			SW846 6010B	01/26-01/29/07	JNC571CV
			Qualifiers: NC,MSB						
	1900000	50000	1840000	ug/L			SW846 6010B	01/26-01/29/07	JNC571CW
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 15:17						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250154 **Matrix.....:** WATER
Date Sampled...: 01/24/07 14:10 **Date Received..:** 01/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Barium									
	920	2000	2980	ug/L	103		SW846 6010B	01/26-01/29/07	JNC571C3
	920	2000	2900	ug/L	99	2.5	SW846 6010B	01/26-01/29/07	JNC571C4
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Chromium									
	260	200	457	ug/L	97		SW846 6010B	01/26-01/29/07	JNC571C7
	260	200	444	ug/L	90	2.8	SW846 6010B	01/26-01/29/07	JNC571C8
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Copper									
	19	250	270	ug/L	100		SW846 6010B	01/26-01/29/07	JNC571C9
	19	250	263	ug/L	98	2.6	SW846 6010B	01/26-01/29/07	JNC571DA
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Nickel									
	330	500	794	ug/L	93		SW846 6010B	01/26-01/29/07	JNC571DC
	330	500	772	ug/L	89	2.7	SW846 6010B	01/26-01/29/07	JNC571DD
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Lead									
	ND	500	478	ug/L	96		SW846 6010B	01/26-01/29/07	JNC571DE
	ND	500	469	ug/L	94	1.9	SW846 6010B	01/26-01/29/07	JNC571DF
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Selenium									
	ND	2000	2040	ug/L	102		SW846 6010B	01/26-01/29/07	JNC571DJ
	ND	2000	2000	ug/L	100	2.0	SW846 6010B	01/26-01/29/07	JNC571DK
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Vanadium									
	140	500	623	ug/L	98		SW846 6010B	01/26-01/29/07	JNC571DN
	140	500	612	ug/L	95	1.9	SW846 6010B	01/26-01/29/07	JNC571DP
			Dilution Factor: 1						
			Analysis Time..: 15:17						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250154 **Matrix.....:** WATER
Date Sampled...: 01/24/07 14:10 **Date Received..:** 01/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	500	496	ug/L	95		SW846 6010B	01/26-01/29/07	JNC571DQ
	ND	500	488	ug/L	94	1.6	SW846 6010B	01/26-01/29/07	JNC571DR
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Silver									
	ND	50.0	68.6	ug/L	136		SW846 6010B	01/26-01/29/07	JNC571DT
	ND	50.0	68.2	ug/L	135	0.57	SW846 6010B	01/26-01/29/07	JNC571DU
			Dilution Factor: 1						
			Analysis Time..: 15:17						
Cobalt									
	48	500	529	ug/L	96		SW846 6010B	01/26-01/29/07	JNC571DV
	48	500	518	ug/L	94	2.1	SW846 6010B	01/26-01/29/07	JNC571DW
			Dilution Factor: 1						
			Analysis Time..: 15:17						

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7A250154 **Matrix.....:** WATER
Date Sampled...: 01/24/07 13:00 **Date Received..:** 01/25/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A250158-002 **Prep Batch #...:** 7026431							
Thallium	104	(86 - 124)			SW846 6020	01/30/07	JNC631CA
	105	(86 - 124)	1.6	(0-20)	SW846 6020	01/30/07	JNC631CC
		Dilution Factor: 1					
		Analysis Time..: 22:38					
Arsenic	103	(89 - 111)			SW846 6020	01/30/07	JNC631A1
	102	(89 - 111)	1.5	(0-20)	SW846 6020	01/30/07	JNC631A2
		Dilution Factor: 1					
		Analysis Time..: 22:38					
Cadmium	103	(89 - 111)			SW846 6020	01/30/07	JNC631A5
	100	(89 - 111)	2.8	(0-20)	SW846 6020	01/30/07	JNC631A6
		Dilution Factor: 1					
		Analysis Time..: 22:38					
Beryllium	98	(76 - 132)			SW846 6020	01/30/07	JNC631A3
	102	(76 - 132)	3.7	(0-20)	SW846 6020	01/30/07	JNC631A4
		Dilution Factor: 1					
		Analysis Time..: 22:38					
Antimony	104	(71 - 128)			SW846 6020	01/30/07	JNC631A7
	100	(71 - 128)	4.4	(0-20)	SW846 6020	01/30/07	JNC631A8
		Dilution Factor: 1					
		Analysis Time..: 22:38					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7A250154 **Matrix.....:** WATER
Date Sampled...: 01/24/07 13:00 **Date Received..:** 01/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7A250158-002 **Prep Batch #...:** 7026431									
Thallium									
	ND	40.0	41.5	ug/L	104		SW846 6020	01/30/07	JNC631CA
	ND	40.0	42.2	ug/L	105	1.6	SW846 6020	01/30/07	JNC631CC
			Dilution Factor: 1						
			Analysis Time..: 22:38						
Arsenic									
	ND	40.0	41.4	ug/L	103		SW846 6020	01/30/07	JNC631A1
	ND	40.0	40.8	ug/L	102	1.5	SW846 6020	01/30/07	JNC631A2
			Dilution Factor: 1						
			Analysis Time..: 22:38						
Cadmium									
	ND	40.0	41.0	ug/L	103		SW846 6020	01/30/07	JNC631A5
	ND	40.0	39.9	ug/L	100	2.8	SW846 6020	01/30/07	JNC631A6
			Dilution Factor: 1						
			Analysis Time..: 22:38						
Beryllium									
	ND	40.0	39.5	ug/L	98		SW846 6020	01/30/07	JNC631A3
	ND	40.0	40.9	ug/L	102	3.7	SW846 6020	01/30/07	JNC631A4
			Dilution Factor: 1						
			Analysis Time..: 22:38						
Antimony									
	ND	40.0	41.7	ug/L	104		SW846 6020	01/30/07	JNC631A7
	ND	40.0	39.9	ug/L	100	4.4	SW846 6020	01/30/07	JNC631A8
			Dilution Factor: 1						
			Analysis Time..: 22:38						

NOTE(S):

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

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D7A250154 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
		Work Order #: JNMTL1AA		MB Lot-Sample #:	D7A310000-247	
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	01/30/07	7031247
		Dilution Factor: 1				
		Analysis Time..: 18:00				
		Work Order #: JNFLD1AA		MB Lot-Sample #:	D7A260000-183	
Bicarbonate, as CaCO3	**5.0**	**5.0**	**mg/L**	**MCAWW 310.1**	**01/26/07**	**7026183**
		Dilution Factor: 1				
		Analysis Time..: 09:30				
		Work Order #: JNNWM1AA		MB Lot-Sample #:	D7A250000-402	
Biochemical Oxygen Demand (BOD)	ND	2.0	mg/L	MCAWW 405.1	01/25/07	7025402
		Dilution Factor: 1				
		Analysis Time..: 13:00				
		Work Order #: JNFLE1AA		MB Lot-Sample #:	D7A260000-186	
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310.1	01/26/07	7026186
		Dilution Factor: 1				
		Analysis Time..: 09:30				
		Work Order #: JNLTG1AA		MB Lot-Sample #:	D7A300000-091	
Chemical Oxygen Demand (COD)	ND	50	mg/L	MCAWW 410.4	01/30/07	7030091
		Dilution Factor: 1				
		Analysis Time..: 08:00				
		Work Order #: JNJDD1AA		MB Lot-Sample #:	D7A290000-109	
Chloride	ND	0.30	mg/L	MCAWW 300.0A	01/27/07	7029109
		Dilution Factor: 1				
		Analysis Time..: 10:26				
		Work Order #: JNQ9W1AA		MB Lot-Sample #:	D7B010000-464	
Nitrate	ND	0.50	mg/L	MCAWW 353.2	01/25/07	7032464
		Dilution Factor: 1				
		Analysis Time..: 17:55				
		Work Order #: JNNRQ1AA		MB Lot-Sample #:	D7A310000-466	
Sulfate	ND	5.0	mg/L	MCAWW 375.4	01/31/07	7031466
		Dilution Factor: 1				
		Analysis Time..: 11:00				
		Work Order #: JNJ9A1AA		MB Lot-Sample #:	D7A290000-454	
Total phosphorus	ND	0.050	mg/L	MCAWW 365.3	01/28-01/29/07	7029454
		Dilution Factor: 1				
		Analysis Time..: 21:00				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: D7A250154 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		Work Order #: JNFK71AA		MB Lot-Sample #:	D7A260000-182	
	5.0	**5.0**	**mg/L**	**MCAWW 310.1**	**01/26/07**	**7026182**
		Dilution Factor: 1				
		Analysis Time..: 09:30				
Total Dissolved Solids		Work Order #: JNKR31AA		MB Lot-Sample #:	D7A260000-307	
	ND	10	mg/L	MCAWW 160.1	01/26/07	7026307
		Dilution Factor: 1				
		Analysis Time..: 12:00				
Total Organic Carbon		Work Order #: JNKKJ1AA		MB Lot-Sample #:	D7A300000-135	
	ND	1.0	mg/L	MCAWW 415.1	01/29-01/30/07	7030135
		Dilution Factor: 1				
		Analysis Time..: 02:00				
Total Suspended Solids		Work Order #: JNKV21AA		MB Lot-Sample #:	D7A290000-428	
	ND	4.0	mg/L	MCAWW 160.2	01/29/07	7029428
		Dilution Factor: 1				
		Analysis Time..: 10:00				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D7A250154 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
		WO#:JNMTL1AC-LCS/JNMTL1AD-LCSD				LCS Lot-Sample#: D7A310000-247	
Ammonia as N	102	(90 - 110)			MCAWW 350.1	01/30/07	7031247
	101	(90 - 110)	0.51	(0-10)	MCAWW 350.1	01/30/07	7031247
		Dilution Factor: 1			Analysis Time..: 18:00		
		WO#:JNNWM1AC-LCS/JNNWM1AD-LCSD				LCS Lot-Sample#: D7A250000-402	
Biochemical Oxygen Demand (BOD)	94	(85 - 115)			MCAWW 405.1	01/25/07	7025402
	93	(85 - 115)	1.1	(0-20)	MCAWW 405.1	01/25/07	7025402
		Dilution Factor: 1			Analysis Time..: 13:00		
		WO#:JNLTG1AC-LCS/JNLTG1AD-LCSD				LCS Lot-Sample#: D7A300000-091	
Chemical Oxygen Demand (COD)	99	(80 - 115)			MCAWW 410.4	01/30/07	7030091
	101	(80 - 115)	2.5	(0-11)	MCAWW 410.4	01/30/07	7030091
		Dilution Factor: 1			Analysis Time..: 08:00		
		WO#:JNJDD1AC-LCS/JNJDD1AD-LCSD				LCS Lot-Sample#: D7A290000-109	
Chloride	99	(90 - 110)			MCAWW 300.0A	01/27/07	7029109
	99	(90 - 110)	0.0	(0-10)	MCAWW 300.0A	01/27/07	7029109
		Dilution Factor: 1			Analysis Time..: 10:42		
		WO#:JNQ9W1AC-LCS/JNQ9W1AD-LCSD				LCS Lot-Sample#: D7B010000-464	
Nitrate	99	(86 - 110)			MCAWW 353.2	01/25/07	7032464
	97	(86 - 110)	2.0	(0-10)	MCAWW 353.2	01/25/07	7032464
		Dilution Factor: 1			Analysis Time..: 17:55		
		WO#:JNNRQ1AC-LCS/JNNRQ1AD-LCSD				LCS Lot-Sample#: D7A310000-466	
Sulfate	102	(91 - 112)			MCAWW 375.4	01/31/07	7031466
	103	(91 - 112)	0.65	(0-15)	MCAWW 375.4	01/31/07	7031466
		Dilution Factor: 1			Analysis Time..: 11:00		
		WO#:JNJ9A1AC-LCS/JNJ9A1AD-LCSD				LCS Lot-Sample#: D7A290000-454	
Total phosphorus	108	(90 - 110)			MCAWW 365.3	01/28-01/29/07	7029454
	104	(90 - 110)	4.5	(0-20)	MCAWW 365.3	01/28-01/29/07	7029454
		Dilution Factor: 1			Analysis Time..: 21:00		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D7A250154 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:JNFK71AC-LCS/JNFK71AD-LCSD				LCS Lot-Sample#: D7A260000-182	
	102	(90 - 110)			MCAWW 310.1	01/26/07	7026182
	98	(90 - 110)	5.0	(0-10)	MCAWW 310.1	01/26/07	7026182
		Dilution Factor: 1			Analysis Time..: 09:30		
Total Dissolved Solids		WO#:JNKR31AC-LCS/JNKR31AD-LCSD				LCS Lot-Sample#: D7A260000-307	
	101	(86 - 106)			MCAWW 160.1	01/26/07	7026307
	107 N	(86 - 106)	5.8	(0-20)	MCAWW 160.1	01/26/07	7026307
		Dilution Factor: 1			Analysis Time..: 12:00		
Total Organic Carbon		WO#:JNKKJ1AC-LCS/JNKKJ1AD-LCSD				LCS Lot-Sample#: D7A300000-135	
	102	(86 - 114)			MCAWW 415.1	01/29/07	7030135
	104	(86 - 114)	1.8	(0-12)	MCAWW 415.1	01/29-01/30/07	7030135
		Dilution Factor: 1			Analysis Time..: 21:00		
Total Suspended Solids		WO#:JNKV21AC-LCS/JNKV21AD-LCSD				LCS Lot-Sample#: D7A290000-428	
	98	(86 - 114)			MCAWW 160.2	01/29/07	7029428
	92	(86 - 114)	6.3	(0-20)	MCAWW 160.2	01/29/07	7029428
		Dilution Factor: 1			Analysis Time..: 10:00		

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D7A250154 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N			WO#:JNMTL1AC-LCS/JNMTL1AD-LCSD			LCS Lot-Sample#: D7A310000-247		
	4.00	4.07	mg/L	102		MCAWW 350.1	01/30/07	7031247
	4.00	4.05	mg/L	101	0.51	MCAWW 350.1	01/30/07	7031247
			Dilution Factor: 1			Analysis Time..: 18:00		
Biochemical Oxygen Demand (BOD)			WO#:JNNWM1AC-LCS/JNNWM1AD-LCSD			LCS Lot-Sample#: D7A250000-402		
	198	186	mg/L	94		MCAWW 405.1	01/25/07	7025402
	198	184	mg/L	93	1.1	MCAWW 405.1	01/25/07	7025402
			Dilution Factor: 1			Analysis Time..: 13:00		
Chemical Oxygen Demand (COD)			WO#:JNLTG1AC-LCS/JNLTG1AD-LCSD			LCS Lot-Sample#: D7A300000-091		
	100	98.7	mg/L	99		MCAWW 410.4	01/30/07	7030091
	100	101	mg/L	101	2.5	MCAWW 410.4	01/30/07	7030091
			Dilution Factor: 1			Analysis Time..: 08:00		
Chloride			WO#:JNJDD1AC-LCS/JNJDD1AD-LCSD			LCS Lot-Sample#: D7A290000-109		
	25.0	24.8	mg/L	99		MCAWW 300.0A	01/27/07	7029109
	25.0	24.8	mg/L	99	0.0	MCAWW 300.0A	01/27/07	7029109
			Dilution Factor: 1			Analysis Time..: 10:42		
Nitrate			WO#:JNQ9W1AC-LCS/JNQ9W1AD-LCSD			LCS Lot-Sample#: D7B010000-464		
	0.0500	0.0495	mg/L	99		MCAWW 353.2	01/25/07	7032464
	0.0500	0.0485	mg/L	97	2.0	MCAWW 353.2	01/25/07	7032464
			Dilution Factor: 1			Analysis Time..: 17:55		
Sulfate			WO#:JNNRQ1AC-LCS/JNNRQ1AD-LCSD			LCS Lot-Sample#: D7A310000-466		
	25.0	25.5	mg/L	102		MCAWW 375.4	01/31/07	7031466
	25.0	25.7	mg/L	103	0.65	MCAWW 375.4	01/31/07	7031466
			Dilution Factor: 1			Analysis Time..: 11:00		
Total phosphorus			WO#:JNJ9A1AC-LCS/JNJ9A1AD-LCSD			LCS Lot-Sample#: D7A290000-454		
	0.500	0.542	mg/L	108		MCAWW 365.3	01/28-01/29/07	7029454
	0.500	0.518	mg/L	104	4.5	MCAWW 365.3	01/28-01/29/07	7029454
			Dilution Factor: 1			Analysis Time..: 21:00		

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D7A250154 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:JNFK71AC-LCS/JNFK71AD-LCSD				LCS Lot-Sample#: D7A260000-182		
	200	205	mg/L	102		MCAWW 310.1	01/26/07	7026182
	200	195	mg/L	98	5.0	MCAWW 310.1	01/26/07	7026182
		Dilution Factor: 1				Analysis Time..: 09:30		
Total Dissolved Solids		WO#:JNKR31AC-LCS/JNKR31AD-LCSD				LCS Lot-Sample#: D7A260000-307		
	500	503	mg/L	101		MCAWW 160.1	01/26/07	7026307
	500	533 N	mg/L	107	5.8	MCAWW 160.1	01/26/07	7026307
		Dilution Factor: 1				Analysis Time..: 12:00		
Total Organic Carbon		WO#:JNKKJ1AC-LCS/JNKKJ1AD-LCSD				LCS Lot-Sample#: D7A300000-135		
	25.0	25.4	mg/L	102		MCAWW 415.1	01/29/07	7030135
	25.0	25.9	mg/L	104	1.8	MCAWW 415.1	01/29-01/30/07	7030135
		Dilution Factor: 1				Analysis Time..: 21:00		
Total Suspended Solids		WO#:JNKV21AC-LCS/JNKV21AD-LCSD				LCS Lot-Sample#: D7A290000-428		
	100	98.0	mg/L	98		MCAWW 160.2	01/29/07	7029428
	100	92.0	mg/L	92	6.3	MCAWW 160.2	01/29/07	7029428
		Dilution Factor: 1				Analysis Time..: 10:00		

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D7A250154 **Matrix.....:** WATER
Date Sampled...: 01/29/07 13:40 **Date Received..:** 01/30/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		WO#: JM6G11AE-MS/JM6G11AF-MSD				MS Lot-Sample #: D7A220123-001	
	91	(81 - 114)			MCAWW 350.1	01/30/07	7031247
	92	(81 - 114)	1.0	(0-10)	MCAWW 350.1	01/30/07	7031247
		Dilution Factor: 1					
		Analysis Time..: 18:00					
Chemical Oxygen Demand (COD)		WO#: JND5K1AN-MS/JND5K1AP-MSD				MS Lot-Sample #: D7A250277-001	
	91	(74 - 109)			MCAWW 410.4	01/30/07	7030091
	92	(74 - 109)	1.2	(0-11)	MCAWW 410.4	01/30/07	7030091
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Chloride		WO#: JNDLG1DM-MS/JNDLG1DN-MSD				MS Lot-Sample #: D7A250212-002	
	102 I	(80 - 120)			MCAWW 300.0A	01/27/07	7029109
	103 I	(80 - 120)	0.23	(0-20)	MCAWW 300.0A	01/27/07	7029109
		Dilution Factor: 5					
		Analysis Time..: 17:49					
Sulfate		WO#: JNKT41AW-MS/JNKT41AX-MSD				MS Lot-Sample #: D7A300157-015	
	96	(45 - 153)			MCAWW 375.4	01/31/07	7031466
	100	(45 - 153)	2.1	(0-21)	MCAWW 375.4	01/31/07	7031466
		Dilution Factor: 1					
		Analysis Time..: 11:00					
Total Organic Carbon		WO#: JM3R51A2-MS/JM3R51A3-MSD				MS Lot-Sample #: D7A190141-011	
	100	(65 - 139)			MCAWW 415.1	01/29/07	7030135
	100	(65 - 139)	0.0	(0-41)	MCAWW 415.1	01/29/07	7030135
		Dilution Factor: 1					
		Analysis Time..: 23:00					

NOTE(S):

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

I Estimated result. Result concentration exceeds the calibration range.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D7A250154 **Matrix.....:** WATER
Date Sampled...: 01/29/07 13:40 **Date Received..:** 01/30/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N			WO#: JM6G11AE-MS/JM6G11AF-MSD				MS Lot-Sample #: D7A220123-001		
	0.11	4.00	3.76	mg/L	91		MCAWW 350.1	01/30/07	7031247
	0.11	4.00	3.80	mg/L	92	1.0	MCAWW 350.1	01/30/07	7031247
			Dilution Factor: 1						
			Analysis Time..: 18:00						
Chemical Oxygen Demand (COD)			WO#: JND5K1AN-MS/JND5K1AP-MSD				MS Lot-Sample #: D7A250277-001		
	ND	50.0	58.3	mg/L	91		MCAWW 410.4	01/30/07	7030091
	ND	50.0	59.0	mg/L	92	1.2	MCAWW 410.4	01/30/07	7030091
			Dilution Factor: 1						
			Analysis Time..: 08:00						
Chloride			WO#: JNDLG1DM-MS/JNDLG1DN-MSD				MS Lot-Sample #: D7A250212-002		
	180	125	311 I	mg/L	102		MCAWW 300.0A	01/27/07	7029109
	180	125	311 I	mg/L	103	0.23	MCAWW 300.0A	01/27/07	7029109
			Dilution Factor: 5						
			Analysis Time..: 17:49						
Sulfate			WO#: JNKT41AW-MS/JNKT41AX-MSD				MS Lot-Sample #: D7A300157-015		
	22	25.0	45.5	mg/L	96		MCAWW 375.4	01/31/07	7031466
	22	25.0	46.5	mg/L	100	2.1	MCAWW 375.4	01/31/07	7031466
			Dilution Factor: 1						
			Analysis Time..: 11:00						
Total Organic Carbon			WO#: JM3R51A2-MS/JM3R51A3-MSD				MS Lot-Sample #: D7A190141-011		
	3.3	25.0	28.2	mg/L	100		MCAWW 415.1	01/29/07	7030135
	3.3	25.0	28.2	mg/L	100	0.0	MCAWW 415.1	01/29/07	7030135
			Dilution Factor: 1						
			Analysis Time..: 23:00						

NOTE(S):

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

I Estimated result. Result concentration exceeds the calibration range.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D7A250154 **Matrix.....:** WATER
Date Sampled...: 01/08/07 10:20 **Date Received..:** 01/09/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Phosphorus		WO#:	JMJ7H1CJ-MS/JMJ7H1CK-MSD			MS Lot-Sample #: D7A090136-001	
	105	(71 - 128)			MCAWW 365.3	01/28-01/29/07	7029452
	106	(71 - 128)	0.59	(0-22)	MCAWW 365.3	01/28-01/29/07	7029452

Dilution Factor: 1
Analysis Time..: 21:00

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D7A250154 **Matrix.....:** WATER
Date Sampled...: 01/08/07 10:20 **Date Received..:** 01/09/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Phosphorus			WO#: JMJ7H1CJ-MS/JMJ7H1CK-MSD				MS Lot-Sample #: D7A090136-001		
	0.012	0.500	0.539	mg/L	105		MCAWW 365.3	01/28-01/29/07	7029452
	0.012	0.500	0.542	mg/L	106	0.59	MCAWW 365.3	01/28-01/29/07	7029452

Dilution Factor: 1
Analysis Time..: 21:00

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7A250154 **Work Order #...:** JNC57-SMP JNC57-DUP **Matrix.....:** WATER

Date Sampled...: 01/24/07 14:10 **Date Received..:** 01/25/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)						SD Lot-Sample #:	D7A250154-001	
	380 Q	370 Q	mg/L	1.3	(0-20)	MCAWW 405.1	01/25/07	7025402
			Dilution Factor: 5			Analysis Time..: 13:00		
Total Alkalinity						SD Lot-Sample #:	D7A250154-001	
	7200 J,Q	7400 Q	mg/L	1.6	(0-10)	MCAWW 310.1	01/26/07	7026182
			Dilution Factor: 8			Analysis Time..: 09:30		

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.

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7A250154 **Work Order #...:** JND0V-SMP JND0V-DUP **Matrix.....:** WATER

Date Sampled...: 01/23/07 14:20 **Date Received..:** 01/25/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #:	D7A250245-001	
	520	530	mg/L	0.76	(0-20)	MCAWW 160.1	01/26/07	7026307

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7A250154 **Work Order #...:** JNFQX-SMP JNFQX-DUP **Matrix.....:** WATER

Date Sampled...: 01/25/07 10:36 **Date Received..:** 01/26/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids						SD Lot-Sample #: D7A260176-001		
	4.0	4.0	mg/L	0.0	(0-20)	MCAWW 160.2	01/29/07	7029428
			Dilution Factor: 1			Analysis Time..: 10:00		

4.2 lb IRI
1/25/07

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

STL-4124 (0901)

Client	WASTE MANAGEMENT
Project Manager	MARK SNYDER
Date	
Chain of Custody Number	340666
Address	2859 PACES FERRY RD, STE. 1600
Telephone Number (Area Code)/Fax Number	770-805-3529
Lab Number	
Page	1 of 1
City	ATLANTA
State	GA
Zip Code	30339
Site Contact	
Lab Contact	BETSY SARA
Project Name and Location (State)	Piedmont LF NC
Carrier/Waybill Number	
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	Air	Aqueous	Sed.	Soil		Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		TDS	Tox	NH3 (3530)	CN	VOA	T. Phos.	SO4	BOD	Metals (list)	Alk	Nitr.	Chloride	TSS	Special Instructions/ Conditions of Receipt
3406-TOL/3406TL	1-24-07	14:10		X				X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	

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

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ 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 STD

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Kenneth Kendrick	1-24-07	16:10	1. Received By: [signature]	1-25-07	0830
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments
[illegible] FIELD [illegible] FOR [illegible] IS [illegible] ATTACH SAMPLE - CHART [illegible] DATE

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 134 Sample Point: 3406T1 (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: D7A250154-001

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
NA					

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

NA

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)

NA

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (umhos/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)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
012407	770	11539	120	140	32	352	

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: Dark brown Odor: yes, Strong Odor Color: dark brown Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: Calm Outlook: Sunny, 45°F Precipitation: Y or (N)

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

Sampled From leachate Storage tanks

SAMPLE TIME: 13:20

Field Blank: 14:10

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
1/24/07	Eric Felton	[signature]	JEI
1/24/07	DANIEL GIRDNER	[signature]	JEI

APPENDIX 2

RESULTS OF CROSS-INDIVIDUAL STATISTICS

Results of the Ground Water Statistics for

Piedmont Landfill

First Semi-Annual Monitoring Event in 2007

Prepared for:
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Kernersville, North Carolina

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February 2007

Introduction

This report contains the results of the statistical analysis used to evaluate the ground water data obtained during the first semi-annual monitoring event in 2007 at Piedmont Landfill in Kernersville, North Carolina. The ground water at Piedmont Landfill is monitored semi-annually at MW01 (upgradient), MW02, MW03, MW04, MW04D, MW05, MW06 (upgradient), MW07, MW08, MW09R, MW10, MW11, MW11D, MW12, and MW12D. These ground water monitoring were sampled during January 22-24, 2007 and analyzed for the trace metals and volatile organic compounds (VOCs) listed below.

Trace Metals

Antimony, Total	Chromium, Total	Selenium, Total
Arsenic, Total	Cobalt, Total	Silver, Total
Barium, Total	Copper, Total	Thallium, Total
Beryllium, Total	Lead, Total	Vanadium, Total
Cadmium, Total	Nickel, Total	Zinc, Total

Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	Acetone	Dibromomethane
1,1,1-Trichloroethane	Acrylonitrile	Ethylbenzene
1,1,2,2-Tetrachloroethane	Benzene	Iodomethane
1,1,2-Trichloroethane	Bromochloromethane	Methylene chloride
1,1-Dichloroethane	Bromodichloromethane	Styrene
1,1-Dichloroethene	Bromoform	Tetrachloroethene
1,2,3-Trichloropropane	Bromomethane	Toluene
1,2-Dibromo-3-chloropropane	Carbon disulfide	*trans*-1,2-Dichloroethene
1,2-Dibromoethane	Carbon tetrachloride	*trans*-1,3-Dichloropropene
1,2-Dichlorobenzene	Chlorobenzene	*trans*-1,4-Dichloro-2-butene
1,2-Dichloroethane	Chloroethane	Trichloroethene
1,2-Dichloropropane	Chloroform	Trichlorofluoromethane
1,4-Dichlorobenzene	Chloromethane	Vinyl acetate
2-Butanone; Methyl ethyl ketone	*cis*-1,2-Dichloroethene	Vinyl chloride
2-Hexanone	*cis*-1,3-Dichloropropene	Xylenes (Total)
4-Methyl-2-pentanone	Dibromochloromethane	

The trace metals data were compared to historical background data using intrawell statistics. The statistical method used to evaluate the ground water data was prepared by Dr. Robert Gibbons in accordance with the EPA statistical guidance document (*"Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Addendum to Interim Final Guidance"*, July 1992) and ASTM standard D6312-98 (*"Standard Guide for Developing Appropriate Statistical Approaches for Ground-Water Detection Monitoring Programs"*). The organic constituents were compared to maximum contaminant levels (MCLs) or practical quantitation limits (PQLs), in lieu of statistical comparisons to background concentrations.

Intrawell Comparisons

Intrawell comparisons are used to evaluate the ground water data at Piedmont Landfill in accordance with the site's statistical analysis plan. Intrawell statistics are appropriate for facilities where the upgradient wells do not accurately characterize the natural ground water conditions downgradient from the facility,

due to different hydrogeological conditions where the wells are screened, having too few upgradient wells to account for the spatial variability, or the site exhibiting no definable hydraulic gradient. Intrawell statistics compare new measurements to the historical data at each ground water monitoring well independently.

The most useful technique for intrawell comparisons is the combined Shewhart-CUSUM control chart using the DUMPStat® program. This control chart procedure is useful because it will detect releases both in terms of the constituent concentration and cumulative increases. This method is also extremely sensitive to sudden and gradual releases. A requirement for constructing these control charts is that the parameter is detected at a frequency greater than or equal to 25%, otherwise the data variance is not properly defined.

The database is screened for outliers using the Dixon test. An erroneous data point, if not removed prior to the mean and variance computations would yield a larger control limit thus increasing the false negative rate. Anomalous data will still be plotted on the graphs but will not be included in the calculations. The background data is tested for existing trends using Sen's slope test. If contamination exists prior to completing the background, the control limits could be potentially high and this control chart method would not be able to detect an increasing trend unless the increase is severe.

The combined Shewhart-CUSUM control chart assumes that the data are independent and normally distributed with a fixed mean and a constant variance.

Many ground water monitoring parameters are not detected at a frequency great enough to generate the combined Shewhart-CUSUM control charts. For constituents that are detected less than 25% of the time monitored at a particular well, the data is plotted as a time series until a sufficient number of data points are available to provide a 99% confidence nonparametric prediction limit. The nonparametric prediction limit is the largest determination out of the data set collected for that well and parameter.

Results

The ground water data obtained during the first semi-annual monitoring event in 2007 are summarized in Attachment A. The trace metals data were compared to the historical background data at each well. The background was established using the data obtained through 2003.

The background range was tested for increasing trends using Sen's Test. There were increasing trends detected for barium at wells MW01, MW02, MW04, MW04D, MW05, and MW08, however, these trends are attributed to the change in reporting limits and not the landfill.

A summary of the intrawell statistics is included in Attachment B, Table 1 "Summary Statistics and Intermediate Computations for Combined Shewhart-CUSUM Control Charts." The control charts or time series graphs follow the summary table.

For the trace metals analyzed, there are no control limit exceedances detected.

The site-wide false positive rate is 3% and the test becomes sensitive to 4 standard deviation units over background. Due to the large number of statistical comparisons, modification to the statistical default settings in DUMPStat® were implemented to achieve the site-wide false positive rate standards recommended by EPA (EPA, July 1992, 5.0, Strategies for Multiple Comparisons).

The only VOC detected in the ground water during the January 2007 monitoring event was 1,1-dichloroethane (6.1 µg/L) at MW09R. This is a verified detection of 1,1-dichloroethane since it had been detected at MW09R during prior monitoring events at similar concentrations (Attachment C).

In 1996, VOCs were detected and confirmed in monitoring well MW09. Waste Management then attributed the VOCs to landfill gas. These findings were reported and WM implemented assessment monitoring. Monitoring well MW09 was replaced by MW09R in November 1999. Replacement well MW09R was screened below the water table. A second investigation confirmed that landfill gas was the source of the impacts to groundwater. Well MW09R has been analyzed for over 200 Appendix II compounds (VOCs, semi volatiles, pesticides, herbicides, metals, and PCBs), with no other detections having been found since assessment monitoring began in 1997. Currently, WM continues to closely track and monitor groundwater conditions at Piedmont Landfill.

Attachment A

Summary of the Ground Water Data obtained during the First Semi-Annual Monitoring Event in 2007

Table 1

Analytical Data Summary for 1/22/2007 to 1/24/2007

Constituents	Units	3406-MW01	3406-MW02	3406-MW03	3406-MW04	3406-MW04D	3406-MW05
1,1,1,2-tetrachloroethane	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,1,1-trichloroethane	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,1,2,2-tetrachloroethane	UG/L	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
1,1,2-trichloroethane	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,1-dichloroethane	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,1-dichloroethene	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,2,3-trichloropropane	UG/L	<8.0000	<8.0000	<8.0000	<8.0000	<8.0000	<8.0000
1,2-dibromo-3-chloropropane (dbcp)	UG/L	<13.0000	<13.0000	<13.0000	<13.0000	<13.0000	<13.0000
1,2-dibromoethane (edb)	UG/L	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
1,2-dichlorobenzene	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
1,2-dichloroethane	UG/L	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
1,2-dichloropropane	UG/L	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
1,4-dichlorobenzene	UG/L	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
2-hexanone	UG/L	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000
Acetone	UG/L	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Acrylonitrile	UG/L	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000
Alkalinity, bicarbonate (as caco3)	MG/L						
Alkalinity, carbonate (as caco3)	MG/L						
Alkalinity, total (as caco3)	MG/L						
Ammonia	MG/L						
Antimony, total	UG/L	<2.0000	<2.0000	<2.0000	<2.0000	<2.0000	<2.0000
Arsenic, total	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Barium, total	UG/L	<100.0000	130.0000	<100.0000	<100.0000	<100.0000	<100.0000
Benzene	UG/L	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Beryllium, total	UG/L	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Biochemical oxygen demand	MG/L						
Bromochloromethane	UG/L	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Bromoform	UG/L	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Bromomethane	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Cadmium, total	UG/L	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Calcium, total recoverable	MG/L						
Carbon disulfide	UG/L	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Carbon tetrachloride	UG/L	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000
Chemical oxygen demand	MG/L						
Chloride	MG/L						
Chlorobenzene	UG/L	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Chloroethane	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Chloroform	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Chloromethane	UG/L	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000
Chromium, total	UG/L	<10.0000	<10.0000	11.0000	<10.0000	<10.0000	<10.0000
Cis-1,2-dichloroethene	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Cis-1,3-dichloropropene	UG/L	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000
Cobalt, total	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Copper, total	UG/L	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000
Dibromochloromethane	UG/L	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Dibromomethane	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Dichlorobromomethane	UG/L	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Do (field)	MG/L	8.5000	3.5000	6.8000	1.7000	9.2000	2.2000
Eh/orp (field)	mV	91.6000	95.4000	72.3000	102.5000	77.7000	63.0000
Ethylbenzene	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Iodomethane	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Iron, total recoverable	UG/L						
Lead, total	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Magnesium, total recoverable	MG/L						
Manganese, total recoverable	UG/L						
Mercury, total	UG/L						
Methyl ethyl ketone	UG/L	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Methyl isobutyl ketone	UG/L	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Methylene chloride	UG/L	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000
Nickel, total	UG/L	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000
Nitrogen, nitrate	MG/L						
pH FIELD	PH UNITS	5.4100	5.3300	6.0800	5.2000	6.2500	6.2000
Phosphorous, total	MG/L						
Potassium, total	MG/L						
Selenium, total	UG/L	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000
Silver, total	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Sodium, total	MG/L						
Specific conductance field	UMHOS/CM	76.0000	120.0000	134.0000	72.0000	107.0000	268.0000
Styrene	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Sulfate	MG/L						
Tetrachloroethene	UG/L	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Thallium, total	UG/L	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Toluene	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Total dissolved solids	MG/L						
Total organic carbon	MG/L						
Total suspended solids	MG/L						
Total xylenes	UG/L	<4.0000	<4.0000	<4.0000	<4.0000	<4.0000	<4.0000

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 1/22/2007 to 1/24/2007

Constituents	3406-MW06	3406-MW07	3406-MW08	3406-MW09R	3406-MW10	3406-MW11	3406-MW11D
1,1,1,2-tetrachloroethane	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,1,1-trichloroethane	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,1,2,2-tetrachloroethane	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
1,1,2-trichloroethane	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,1-dichloroethane	<5.0000	<5.0000	<5.0000	6.1000	<5.0000	<5.0000	<5.0000
1,1-dichloroethene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,2,3-trichloropropane	<8.0000	<8.0000	<8.0000	<8.0000	<8.0000	<8.0000	<8.0000
1,2-dibromo-3-chloropropane (dbcp)	<13.0000	<13.0000	<13.0000	<13.0000	<13.0000	<13.0000	<13.0000
1,2-dibromoethane (edb)	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
1,2-dichlorobenzene	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
1,2-dichloroethane	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
1,2-dichloropropane	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
1,4-dichlorobenzene	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
2-hexanone	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000
Acetone	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Acrylonitrile	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000
Alkalinity, bicarbonate (as caco3)							
Alkalinity, carbonate (as caco3)							
Alkalinity, total (as caco3)							
Ammonia							
Antimony, total	<2.0000	<2.0000	<2.0000	<2.0000	<2.0000	<2.0000	<2.0000
Arsenic, total	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Barium, total	<100.0000	<100.0000	100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Benzene	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Beryllium, total	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Biochemical oxygen demand							
Bromochloromethane	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Bromoform	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Bromomethane	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Cadmium, total	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Calcium, total recoverable							
Carbon disulfide	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Carbon tetrachloride	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000
Chemical oxygen demand							
Chloride							
Chlorobenzene	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Chloroethane	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Chloroform	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Chloromethane	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000
Chromium, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Cis-1,2-dichloroethene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Cis-1,3-dichloropropene	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000
Cobalt, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Copper, total	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000
Dibromochloromethane	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Dibromomethane	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Dichlorobromomethane	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Do (field)	7.6000	6.4000	2.3000	1.1000	5.3000	3.0000	8.2000
Eh/orp (field)	95.8000	55.9000	76.1000	21.4000	82.0000	86.1000	83.2000
Ethylbenzene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Iodomethane	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Iron, total recoverable							
Lead, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Magnesium, total recoverable							
Manganese, total recoverable							
Mercury, total							
Methyl ethyl ketone	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Methyl isobutyl ketone	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Methylene chloride	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000
Nickel, total	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000
Nitrogen, nitrate							
pH FIELD	5.2400	6.0400	5.5000	6.3100	5.8600	5.6600	5.8700
Phosphorous, total							
Potassium, total							
Selenium, total	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000
Silver, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Sodium, total							
Specific conductance field	135.0000	129.0000	132.0000	436.0000	110.0000	140.0000	67.0000
Styrene	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Sulfate							
Tetrachloroethene	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Thallium, total	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Toluene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Total dissolved solids							
Total organic carbon							
Total suspended solids							
Total xylenes	<4.0000	<4.0000	<4.0000	<4.0000	<4.0000	<4.0000	<4.0000

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 1/22/2007 to 1/24/2007

Constituents	3406-MW12	3406-MW12D	3406-S01	3406-S02	3406-S03	3406-S04	3406-S05	3406-T01
1,1,1,2-tetrachloroethane	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<10.0000
1,1,1-trichloroethane	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<10.0000
1,1,2,2-tetrachloroethane	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<6.0000
1,1,2-trichloroethane	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<10.0000
1,1-dichloroethane	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<10.0000
1,1-dichloroethene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<10.0000
1,2,3-trichloropropane	<8.0000	<8.0000	<8.0000	<8.0000	<8.0000	<8.0000	<8.0000	<16.0000
1,2-dibromo-3-chloropropane (dbcp)	<13.0000	<13.0000	<13.0000	<13.0000	<13.0000	<13.0000	<13.0000	<26.0000
1,2-dibromoethane (edb)	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<6.0000
1,2-dichlorobenzene	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<20.0000
1,2-dichloroethane	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<6.0000
1,2-dichloropropane	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<6.0000
1,4-dichlorobenzene	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<6.0000
2-hexanone	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<100.0000
Acetone	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	1300.0000
Acrylonitrile	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<400.0000
Alkalinity, bicarbonate (as caco3)								7200.0000
Alkalinity, carbonate (as caco3)								<40.0000
Alkalinity, total (as caco3)								7200.0000
Ammonia								860.0000
Antimony, total	<2.0000	<2.0000	<2.0000	<2.0000	<2.0000	<2.0000	<2.0000	34.0000
Arsenic, total	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	69.0000
Barium, total	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	920.0000
Benzene	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<6.0000
Beryllium, total	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<5.0000
Biochemical oxygen demand								380.0000
Bromochloromethane	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<6.0000
Bromoform	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<6.0000
Bromomethane	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<20.0000
Cadmium, total	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<5.0000
Calcium, total recoverable								28.0000
Carbon disulfide	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<200.0000
Carbon tetrachloride	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<11.0000
Chemical oxygen demand								1700.0000
Chloride								2800.0000
Chlorobenzene	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<6.0000
Chloroethane	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<20.0000
Chloroform	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<10.0000
Chloromethane	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<11.0000
Chromium, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	260.0000
Cis-1,2-dichloroethene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<10.0000
Cis-1,3-dichloropropene	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<11.0000
Cobalt, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	48.0000
Copper, total	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000	19.0000
Dibromochloromethane	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<6.0000
Dibromomethane	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<20.0000
Dichlorobromomethane	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<6.0000
Do (field)	3.0000	4.4000	11.7000	17.5000	18.5000	12.9000	15.1000	3.2000
Eh/orp (field)	25.7000	25.6000	47.6000	45.5000	26.8000	60.0000	7.0000	
Ethylbenzene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	15.0000
Iodomethane	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<20.0000
Iron, total recoverable								7000.0000
Lead, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Magnesium, total recoverable								42.0000
Manganese, total recoverable								1700.0000
Mercury, total								<.5000
Methyl ethyl ketone	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<1300.0000
Methyl isobutyl ketone	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<200.0000
Methylene chloride	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<11.0000
Nickel, total	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	330.0000
Nitrogen, nitrate								<.5000
pH FIELD	6.2500	6.9100	7.2500	8.7500	7.7900	7.5100	7.7700	7.7000
Phosphorous, total								5.6000
Potassium, total								620.0000
Selenium, total	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000
Silver, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Sodium, total								1900.0000
Specific conductance field	107.0000	185.0000	73.0000	81.0000	59.0000	79.0000	80.0000	11539.0000
Styrene	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<20.0000
Sulfate								<25.0000
Tetrachloroethene	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<6.0000
Thallium, total	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<5.0000
Toluene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	69.0000
Total dissolved solids								2000.0000
Total organic carbon								580.0000
Total suspended solids								<10.0000
Total xylenes	<4.0000	<4.0000	<4.0000	<4.0000	<4.0000	<4.0000	<4.0000	33.0000

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 1/22/2007 to 1/24/2007

Constituents	Units	3406-MW01	3406-MW02	3406-MW03	3406-MW04	3406-MW04D	3406-MW05
Trans-1,2-dichloroethene	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Trans-1,3-dichloropropene	UG/L	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000
Trans-1,4-dichloro-2-butene	UG/L	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Trichloroethene	UG/L	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Trichlorofluoromethane	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Turbidity	NTU	2.6000	2.9000	2.0000	.7000	40.1000	2.8000
Vanadium, total	UG/L	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000
Vinyl acetate	UG/L	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000
Vinyl chloride	UG/L	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000
Water temperature in deg. celsius field	DEGREES C	12.7000	14.5000	13.1000	15.1000	13.9000	13.3000
Zinc, total	UG/L	<20.0000	<20.0000	<20.0000	<20.0000	<20.0000	<20.0000

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 1/22/2007 to 1/24/2007

Constituents	3406-MW06	3406-MW07	3406-MW08	3406-MW09R	3406-MW10	3406-MW11	3406-MW11D
Trans-1,2-dichloroethene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Trans-1,3-dichloropropene	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000
Trans-1,4-dichloro-2-butene	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Trichloroethene	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000
Trichlorofluoromethane	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Turbidity	2.0000	3.8000	88.7000	2.0000	8.2000	4.5000	9.1000
Vanadium, total	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000
Vinyl acetate	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000
Vinyl chloride	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000
Water temperature in deg. celsius field	12.2000	14.1000	11.0000	14.7000	14.6000	13.7000	12.6000
Zinc, total	<20.0000	<20.0000	<20.0000	35.0000	<20.0000	<20.0000	<20.0000

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 1/22/2007 to 1/24/2007

Constituents	3406-MW12	3406-MW12D	3406-S01	3406-S02	3406-S03	3406-S04	3406-S05	3406-T01
Trans-1,2-dichloroethene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<10.0000
Trans-1,3-dichloropropene	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<11.0000
Trans-1,4-dichloro-2-butene	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<200.0000
Trichloroethene	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<3.0000	<6.0000
Trichlorofluoromethane	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<10.0000
Turbidity	58.8000	5.3000	10.4000	7.8000	10.3000	7.1000	9.7000	14.0000
Vanadium, total	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	140.0000
Vinyl acetate	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<100.0000
Vinyl chloride	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<5.5000	<11.0000
Water temperature in deg. celsius field	11.0000	11.0000	6.4000	6.4000	6.4000	6.6000	6.6000	12.0000
Zinc, total	24.0000	<20.0000	<20.0000	<20.0000	<20.0000	<20.0000	<20.0000	<20.0000

* - The displayed value is the arithmetic mean of multiple database matches.

Attachment B

Summary Table and Graphs for the Intrawell Comparisons

Table 1

Summary Statistics and Intermediate Computations for Combined Shewhart-Cusum Control Charts

Constituent	Units	Well	N	Mean	SD	S(i-1)	S(i)	Limit
Antimony, total	UG/L	3406-MW01	26					81.8000**
Antimony, total	UG/L	3406-MW02	25					52.8000**
Antimony, total	UG/L	3406-MW03	25					30.0000**
Antimony, total	UG/L	3406-MW04	25					85.8000**
Antimony, total	UG/L	3406-MW04D	20					30.0000**
Antimony, total	UG/L	3406-MW05	25					88.9000**
Antimony, total	UG/L	3406-MW06	25					94.9000**
Antimony, total	UG/L	3406-MW07	21					30.0000**
Antimony, total	UG/L	3406-MW08	22					30.0000**
Antimony, total	UG/L	3406-MW09R	20					30.0000**
Antimony, total	UG/L	3406-MW10	20					30.0000**
Antimony, total	UG/L	3406-MW11	20					30.0000**
Antimony, total	UG/L	3406-MW11D	20					30.0000**
Antimony, total	UG/L	3406-MW12	20					30.0000**
Antimony, total	UG/L	3406-MW12D	20					30.0000**
Arsenic, total	UG/L	3406-MW01	31					10.0000**
Arsenic, total	UG/L	3406-MW02	30					10.1000**
Arsenic, total	UG/L	3406-MW03	30					10.0000**
Arsenic, total	UG/L	3406-MW04	30					10.0000**
Arsenic, total	UG/L	3406-MW04D	20					10.0000**
Arsenic, total	UG/L	3406-MW05	30					11.9000**
Arsenic, total	UG/L	3406-MW06	22					10.0000**
Arsenic, total	UG/L	3406-MW07	21					10.6000**
Arsenic, total	UG/L	3406-MW08	22	8.6273	3.0446	8.6273	8.6273	23.8504
Arsenic, total	UG/L	3406-MW09R	20					10.0000**
Arsenic, total	UG/L	3406-MW10	20					10.0000**
Arsenic, total	UG/L	3406-MW11	20					10.0000**
Arsenic, total	UG/L	3406-MW11D	20					10.0000**
Arsenic, total	UG/L	3406-MW12	20					10.0000**
Arsenic, total	UG/L	3406-MW12D	20	8.1200	3.5134	8.1200	8.1200	25.6869
Barium, total	UG/L	3406-MW01	31	215.5516	214.9981	215.5516	215.5516	1290.5421
Barium, total	UG/L	3406-MW02	30	182.7833	228.1893	182.7833	182.7833	1323.7296
Barium, total	UG/L	3406-MW03	30	174.7767	233.9172	174.7767	174.7767	1344.3627
Barium, total	UG/L	3406-MW04	30	186.7433	225.3021	186.7433	186.7433	1313.2538
Barium, total	UG/L	3406-MW04D	20	296.3000	217.8815	296.3000	296.3000	1385.7074
Barium, total	UG/L	3406-MW05	30	177.8300	231.7097	177.8300	177.8300	1336.3783
Barium, total	UG/L	3406-MW06	22	248.0545	235.4961	248.0545	248.0545	1425.5351
Barium, total	UG/L	3406-MW07	21	242.9190	251.2059	242.9190	242.9190	1498.9487
Barium, total	UG/L	3406-MW08	21	299.5667	201.0035	299.5667	299.5667	1304.5844
Barium, total	UG/L	3406-MW09R	20	289.2200	239.7893	289.2200	289.2200	1488.1666
Barium, total	UG/L	3406-MW10	20	255.7050	250.6888	255.7050	255.7050	1509.1491
Barium, total	UG/L	3406-MW11	20	294.0350	233.9144	294.0350	294.0350	1463.6069
Barium, total	UG/L	3406-MW11D	20	328.5500	199.6097	328.5500	328.5500	1326.5986
Barium, total	UG/L	3406-MW12	20	263.3300	243.3353	263.3300	263.3300	1480.0067
Barium, total	UG/L	3406-MW12D	21	319.9905	207.0330	319.9905	319.9905	1355.1556
Beryllium, total	UG/L	3406-MW01	23					2.0000**
Beryllium, total	UG/L	3406-MW02	22					2.0000**
Beryllium, total	UG/L	3406-MW03	22					2.0000**
Beryllium, total	UG/L	3406-MW04	22					2.0000**
Beryllium, total	UG/L	3406-MW04D	18					2.0000**
Beryllium, total	UG/L	3406-MW05	22					2.0000**
Beryllium, total	UG/L	3406-MW06	22					2.6000**
Beryllium, total	UG/L	3406-MW07	21					2.0000**
Beryllium, total	UG/L	3406-MW08	21					2.0000**
Beryllium, total	UG/L	3406-MW09R	20					2.0000**
Beryllium, total	UG/L	3406-MW10	20					2.0000**
Beryllium, total	UG/L	3406-MW11	20					2.0000**
Beryllium, total	UG/L	3406-MW11D	20	1.7000	0.6366	1.7000	1.7000	4.8830
Beryllium, total	UG/L	3406-MW12	20					2.0000**
Beryllium, total	UG/L	3406-MW12D	20	1.9150	0.4475	1.9150	1.9150	4.1527
Cadmium, total	UG/L	3406-MW01	34					2.0000**
Cadmium, total	UG/L	3406-MW02	33					2.1000**
Cadmium, total	UG/L	3406-MW03	33					2.3000**
Cadmium, total	UG/L	3406-MW04	33					1.8000**
Cadmium, total	UG/L	3406-MW04D	20	1.0235	0.3111	1.0235	1.0235	2.5791
Cadmium, total	UG/L	3406-MW05	33					1.0000**
Cadmium, total	UG/L	3406-MW06	25					1.0000**
Cadmium, total	UG/L	3406-MW07	21					1.0000**
Cadmium, total	UG/L	3406-MW08	22					1.3000**
Cadmium, total	UG/L	3406-MW09R	20					1.0000**
Cadmium, total	UG/L	3406-MW10	20					1.0000**
Cadmium, total	UG/L	3406-MW11	20					1.0000**
Cadmium, total	UG/L	3406-MW11D	20	0.9545	0.2302	0.9545	0.9545	2.1056

* - Insufficient Data
** - Detection Frequency < 25%
*** - Zero Variance

Table 1

Summary Statistics and Intermediate Computations for Combined Shewhart-Cusum Control Charts

Constituent	Units	Well	N	Mean	SD	S(i-1)	S(i)	Limit
Cadmium, total	UG/L	3406-MW12	20					1.0000**
Cadmium, total	UG/L	3406-MW12D	20					1.0000**
Chromium, total	UG/L	3406-MW01	31					10.0000**
Chromium, total	UG/L	3406-MW02	30					10.0000**
Chromium, total	UG/L	3406-MW03	30	8.4100	2.2594	8.4100	9.3054	19.7072
Chromium, total	UG/L	3406-MW04	30					10.0000**
Chromium, total	UG/L	3406-MW04D	20	9.0950	3.8035	9.0950	9.0950	28.1126
Chromium, total	UG/L	3406-MW05	30	8.3400	2.4960	8.3400	8.3400	20.8201
Chromium, total	UG/L	3406-MW06	22					10.0000**
Chromium, total	UG/L	3406-MW07	21	7.2143	3.6356	7.2143	7.2143	25.3921
Chromium, total	UG/L	3406-MW08	19					11.5000**
Chromium, total	UG/L	3406-MW09R	18					14.7000**
Chromium, total	UG/L	3406-MW10	22	9.1955	4.7876	9.1955	9.1955	33.1336
Chromium, total	UG/L	3406-MW11	20					10.0000**
Chromium, total	UG/L	3406-MW11D	22	15.0500	13.6724	15.0500	15.0500	83.4119
Chromium, total	UG/L	3406-MW12	20					10.7000**
Chromium, total	UG/L	3406-MW12D	21	54.5952	80.1433	54.5952	54.5952	455.3115
Cobalt, total	UG/L	3406-MW01	23					10.0000**
Cobalt, total	UG/L	3406-MW02	22					10.0000**
Cobalt, total	UG/L	3406-MW03	23					10.0000**
Cobalt, total	UG/L	3406-MW04	22					10.0000**
Cobalt, total	UG/L	3406-MW04D	20					26.0000**
Cobalt, total	UG/L	3406-MW05	22					10.0000**
Cobalt, total	UG/L	3406-MW06	22					10.0000**
Cobalt, total	UG/L	3406-MW07	21					10.0000**
Cobalt, total	UG/L	3406-MW08	25	12.8400	4.2019	12.8400	12.8400	33.8494
Cobalt, total	UG/L	3406-MW09R	24	10.8792	2.4744	10.8792	10.8792	23.2511
Cobalt, total	UG/L	3406-MW10	20					13.3000**
Cobalt, total	UG/L	3406-MW11	20					10.0000**
Cobalt, total	UG/L	3406-MW11D	20	13.5150	9.7993	13.5150	13.5150	62.5116
Cobalt, total	UG/L	3406-MW12	20					11.0000**
Cobalt, total	UG/L	3406-MW12D	21	21.9619	25.7529	21.9619	21.9619	150.7262
Copper, total	UG/L	3406-MW01	31					200.0000**
Copper, total	UG/L	3406-MW02	30					200.0000**
Copper, total	UG/L	3406-MW03	31					200.0000**
Copper, total	UG/L	3406-MW04	30					200.0000**
Copper, total	UG/L	3406-MW04D	20					200.0000**
Copper, total	UG/L	3406-MW05	30					200.0000**
Copper, total	UG/L	3406-MW06	22					200.0000**
Copper, total	UG/L	3406-MW07	21	139.9476	87.2926	139.9476	139.9476	576.4108
Copper, total	UG/L	3406-MW08	21					200.0000**
Copper, total	UG/L	3406-MW09R	20	147.0050	81.3977	147.0050	147.0050	553.9935
Copper, total	UG/L	3406-MW10	20					200.0000**
Copper, total	UG/L	3406-MW11	20					200.0000**
Copper, total	UG/L	3406-MW11D	21	165.6619	71.1526	165.6619	165.6619	521.4249
Copper, total	UG/L	3406-MW12	20					200.0000**
Copper, total	UG/L	3406-MW12D	19	177.8474	49.1114	177.8474	177.8474	423.4045
Lead, total	UG/L	3406-MW01	31					10.0000**
Lead, total	UG/L	3406-MW02	30					10.0000**
Lead, total	UG/L	3406-MW03	30					10.0000**
Lead, total	UG/L	3406-MW04	30					10.0000**
Lead, total	UG/L	3406-MW04D	19	9.1053	2.0671	9.1053	9.1053	19.4406
Lead, total	UG/L	3406-MW05	30					10.0000**
Lead, total	UG/L	3406-MW06	22					10.0000**
Lead, total	UG/L	3406-MW07	21					10.0000**
Lead, total	UG/L	3406-MW08	20	7.6950	3.4081	7.6950	7.6950	24.7356
Lead, total	UG/L	3406-MW09R	20					10.0000**
Lead, total	UG/L	3406-MW10	20	7.8500	3.5033	7.8500	7.8500	25.3665
Lead, total	UG/L	3406-MW11	20					10.0000**
Lead, total	UG/L	3406-MW11D	20	8.5650	3.1905	8.5650	8.5650	24.5175
Lead, total	UG/L	3406-MW12	21					21.0000**
Lead, total	UG/L	3406-MW12D	18	12.0111	4.4237	12.0111	12.0111	34.1297
Nickel, total	UG/L	3406-MW01	23					50.0000**
Nickel, total	UG/L	3406-MW02	22					50.0000**
Nickel, total	UG/L	3406-MW03	22					50.0000**
Nickel, total	UG/L	3406-MW04	22					50.0000**
Nickel, total	UG/L	3406-MW04D	20					50.0000**
Nickel, total	UG/L	3406-MW05	22					50.0000**
Nickel, total	UG/L	3406-MW06	22					50.0000**
Nickel, total	UG/L	3406-MW07	21					50.0000**
Nickel, total	UG/L	3406-MW08	21					50.0000**
Nickel, total	UG/L	3406-MW09R	20					50.0000**
Nickel, total	UG/L	3406-MW10	20					50.0000**

* - Insufficient Data
** - Detection Frequency < 25%
*** - Zero Variance

Table 1

Summary Statistics and Intermediate Computations for Combined Shewhart-Cusum Control Charts

Constituent	Units	Well	N	Mean	SD	S(i-1)	S(i)	Limit
Nickel, total	UG/L	3406-MW11	20					50.0000**
Nickel, total	UG/L	3406-MW11D	20	43.6100	12.3400	43.6100	43.6100	105.3102
Nickel, total	UG/L	3406-MW12	20					50.0000**
Nickel, total	UG/L	3406-MW12D	21					108.0000**
Selenium, total	UG/L	3406-MW01	31					20.0000**
Selenium, total	UG/L	3406-MW02	30					20.0000**
Selenium, total	UG/L	3406-MW03	30					20.0000**
Selenium, total	UG/L	3406-MW04	30					20.0000**
Selenium, total	UG/L	3406-MW04D	20					20.0000**
Selenium, total	UG/L	3406-MW05	30					20.0000**
Selenium, total	UG/L	3406-MW06	22					20.0000**
Selenium, total	UG/L	3406-MW07	21					20.0000**
Selenium, total	UG/L	3406-MW08	21					20.0000**
Selenium, total	UG/L	3406-MW09R	20					20.0000**
Selenium, total	UG/L	3406-MW10	20					20.0000**
Selenium, total	UG/L	3406-MW11	20					20.0000**
Selenium, total	UG/L	3406-MW11D	20					20.0000**
Selenium, total	UG/L	3406-MW12	20	15.8850	7.4320	15.8850	15.8850	53.0448
Selenium, total	UG/L	3406-MW12D	20					20.0000**
Silver, total	UG/L	3406-MW01	31					10.0000**
Silver, total	UG/L	3406-MW02	30					10.0000**
Silver, total	UG/L	3406-MW03	30					10.0000**
Silver, total	UG/L	3406-MW04	30					10.0000**
Silver, total	UG/L	3406-MW04D	20					10.0000**
Silver, total	UG/L	3406-MW05	30					10.0000**
Silver, total	UG/L	3406-MW06	22					10.0000**
Silver, total	UG/L	3406-MW07	21					13.6000**
Silver, total	UG/L	3406-MW08	21					11.6000**
Silver, total	UG/L	3406-MW09R	20					10.0000**
Silver, total	UG/L	3406-MW10	20					10.0000**
Silver, total	UG/L	3406-MW11	20					10.0000**
Silver, total	UG/L	3406-MW11D	20					10.0000**
Silver, total	UG/L	3406-MW12	20					10.0000**
Silver, total	UG/L	3406-MW12D	20					10.0000**
Thallium, total	UG/L	3406-MW01	23					10.0000**
Thallium, total	UG/L	3406-MW02	22					10.0000**
Thallium, total	UG/L	3406-MW03	22					10.0000**
Thallium, total	UG/L	3406-MW04	22					10.0000**
Thallium, total	UG/L	3406-MW04D	20					10.0000**
Thallium, total	UG/L	3406-MW05	22					10.0000**
Thallium, total	UG/L	3406-MW06	22					10.0000**
Thallium, total	UG/L	3406-MW07	21					10.0000**
Thallium, total	UG/L	3406-MW08	22					10.0000**
Thallium, total	UG/L	3406-MW09R	20					10.0000**
Thallium, total	UG/L	3406-MW10	20					10.0000**
Thallium, total	UG/L	3406-MW11	20					10.0000**
Thallium, total	UG/L	3406-MW11D	20					10.0000**
Thallium, total	UG/L	3406-MW12	20					10.0000**
Thallium, total	UG/L	3406-MW12D	20					10.0000**
Vanadium, total	UG/L	3406-MW01	23					40.0000**
Vanadium, total	UG/L	3406-MW02	22					40.0000**
Vanadium, total	UG/L	3406-MW03	23	30.4913	13.6266	30.4913	30.4913	98.6245
Vanadium, total	UG/L	3406-MW04	22					40.0000**
Vanadium, total	UG/L	3406-MW04D	20	37.2450	23.1524	37.2450	37.2450	153.0069
Vanadium, total	UG/L	3406-MW05	22	28.9864	15.1290	28.9864	28.9864	104.6314
Vanadium, total	UG/L	3406-MW06	22					45.6000**
Vanadium, total	UG/L	3406-MW07	21	31.4238	14.4314	31.4238	31.4238	103.5809
Vanadium, total	UG/L	3406-MW08	22					40.0000**
Vanadium, total	UG/L	3406-MW09R	21					106.0000**
Vanadium, total	UG/L	3406-MW10	20	31.7850	14.4082	31.7850	31.7850	103.8258
Vanadium, total	UG/L	3406-MW11	20	31.3350	15.4182	31.3350	31.3350	108.4261
Vanadium, total	UG/L	3406-MW11D	21	55.0857	33.4577	55.0857	55.0857	222.3740
Vanadium, total	UG/L	3406-MW12	20					40.0000**
Vanadium, total	UG/L	3406-MW12D	21	87.3857	100.2112	87.3857	87.3857	588.4417
Zinc, total	UG/L	3406-MW01	31					65.4000**
Zinc, total	UG/L	3406-MW02	30					50.0000**
Zinc, total	UG/L	3406-MW03	30					50.0000**
Zinc, total	UG/L	3406-MW04	30					50.0000**
Zinc, total	UG/L	3406-MW04D	22	54.3182	33.9333	54.3182	54.3182	223.9848
Zinc, total	UG/L	3406-MW05	30					110.0000**
Zinc, total	UG/L	3406-MW06	21					50.0000**
Zinc, total	UG/L	3406-MW07	21	38.7857	17.0759	38.7857	38.7857	124.1653
Zinc, total	UG/L	3406-MW08	21	43.4143	15.7794	43.4143	43.4143	122.3113

* - Insufficient Data
** - Detection Frequency < 25%
*** - Zero Variance

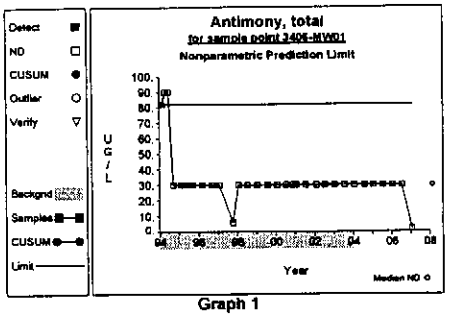
Table 1

Summary Statistics and Intermediate Computations for Combined Shewhart-Cusum Control Charts

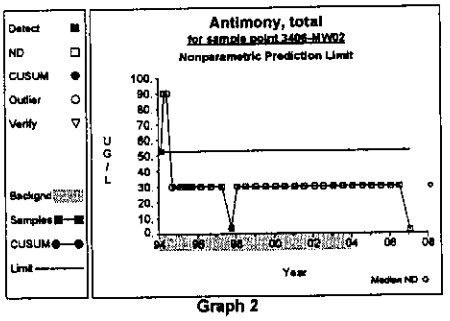
Constituent	Units	Well	N	Mean	SD	S(i-1)	S(i)	Limit
Zinc, total	UG/L	3406-MW09R	20					87.9000**
Zinc, total	UG/L	3406-MW10	20	41.4400	13.8997	41.4400	41.4400	110.9385
Zinc, total	UG/L	3406-MW11	20	39.0450	17.3256	39.0450	39.0450	125.6730
Zinc, total	UG/L	3406-MW11D	21	62.9714	35.3700	62.9714	62.9714	239.8214
Zinc, total	UG/L	3406-MW12	17					130.0000**
Zinc, total	UG/L	3406-MW12D	21	113.7952	139.2305	113.7952	113.7952	809.9477

* - Insufficient Data
** - Detection Frequency < 25%
*** - Zero Variance

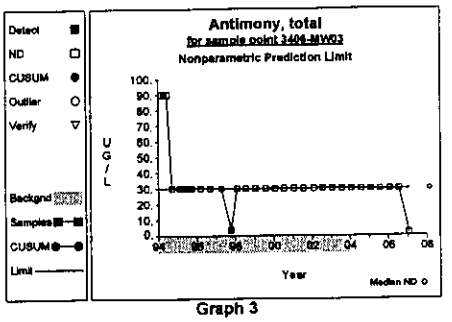
Intra-Well Control Charts



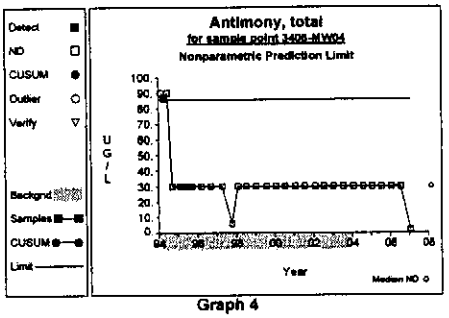
Graph 1



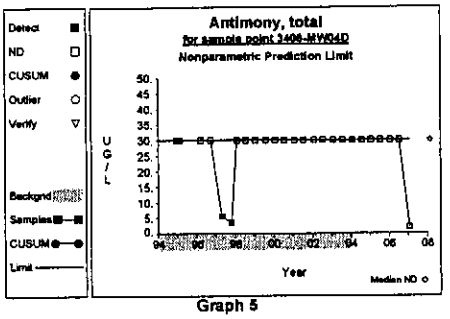
Graph 2



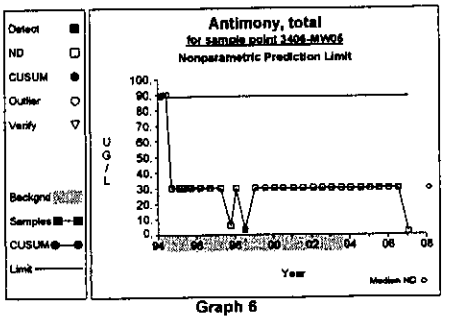
Graph 3



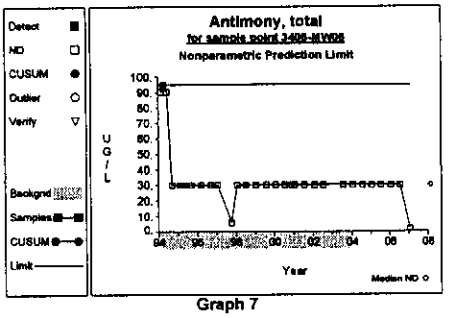
Graph 4



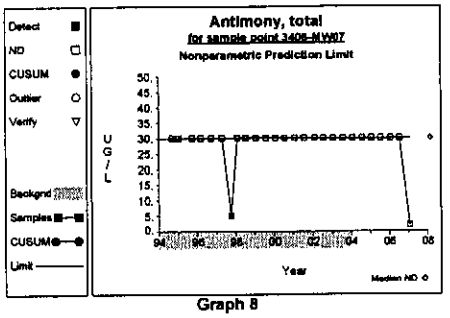
Graph 5



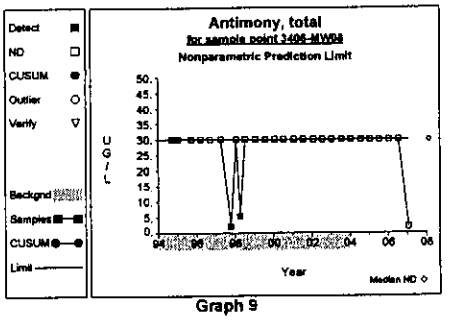
Graph 6



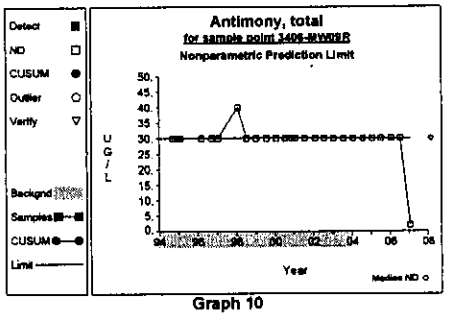
Graph 7



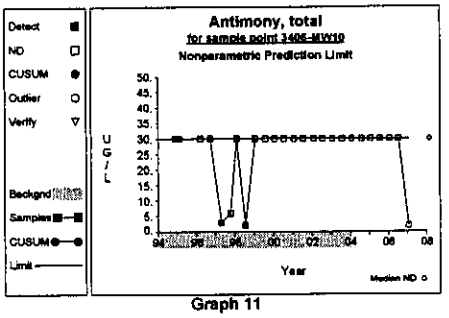
Graph 8



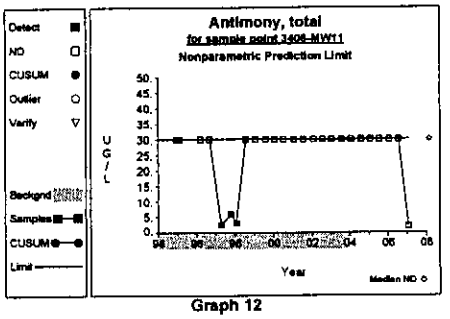
Graph 9



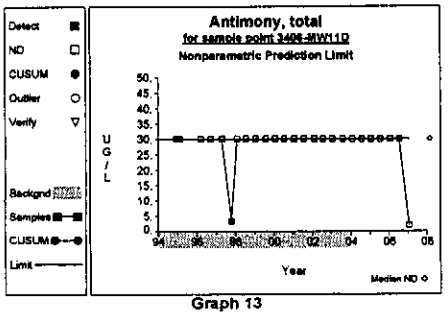
Graph 10



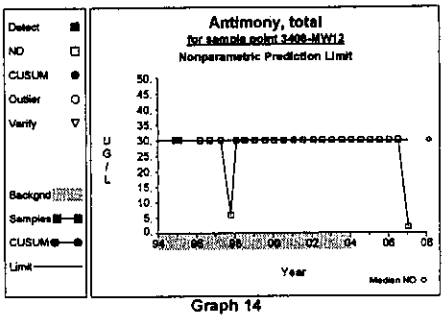
Graph 11



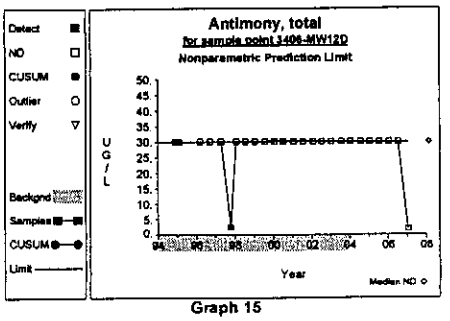
Graph 12



Graph 13



Graph 14



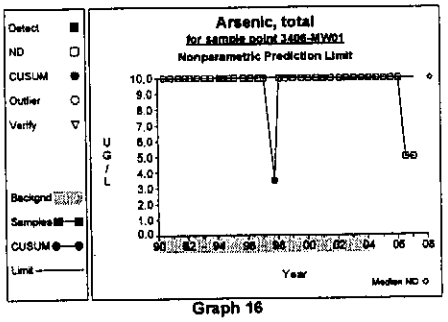
Graph 15

Prepared by: Otter Creek Environmental

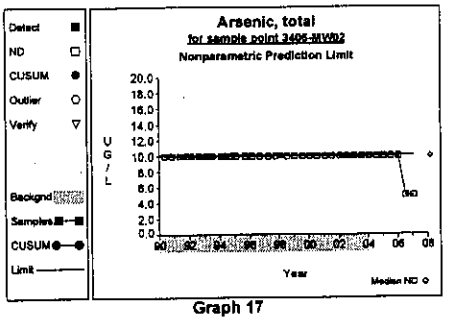
Piedmont [gw]

Analysis prepared on February 2007

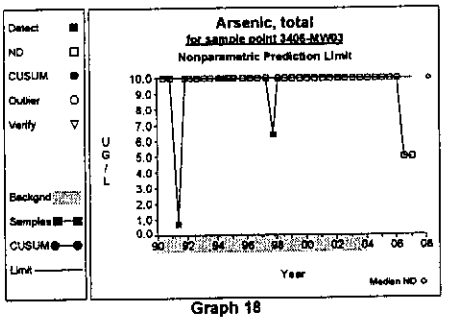
Intra-Well Control Charts



Graph 16



Graph 17



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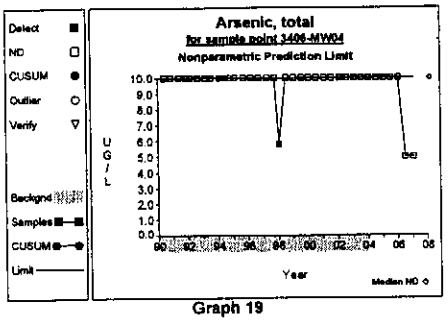

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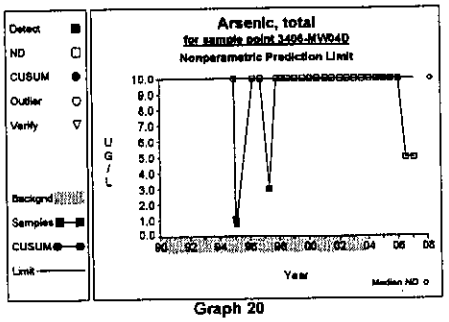

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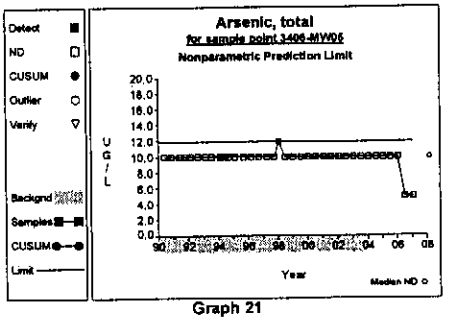

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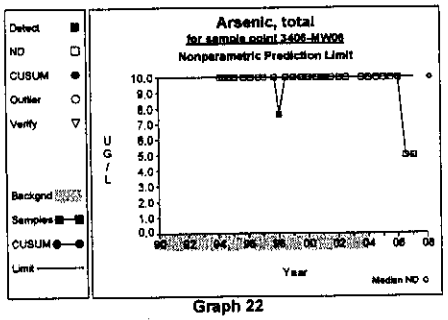

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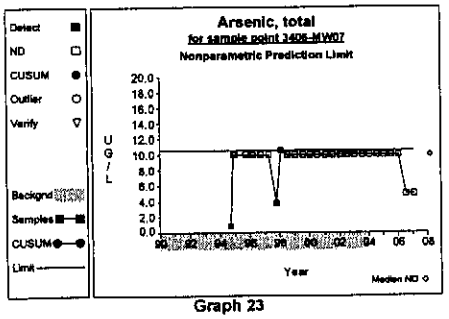

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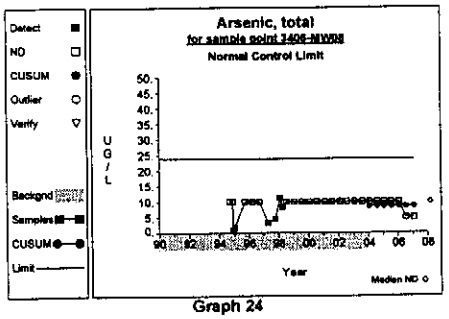

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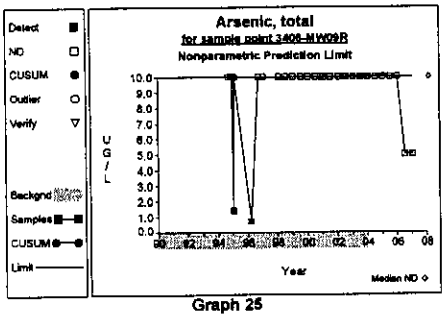

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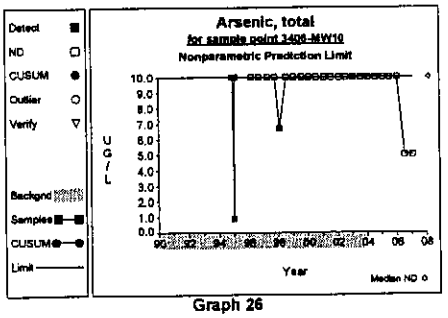

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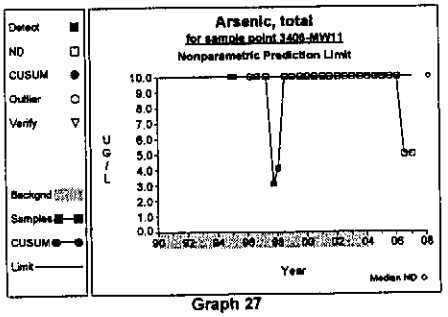

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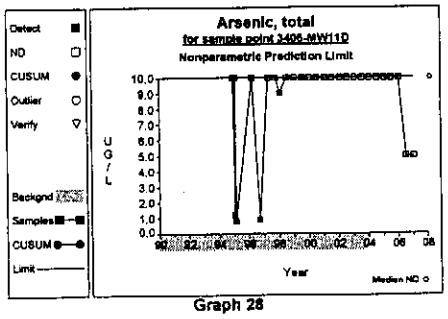

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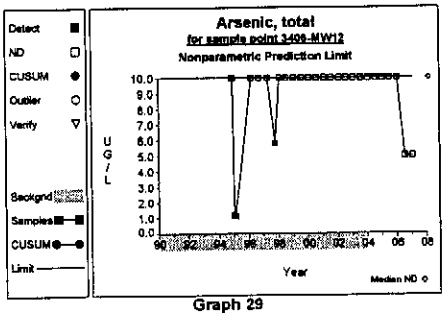

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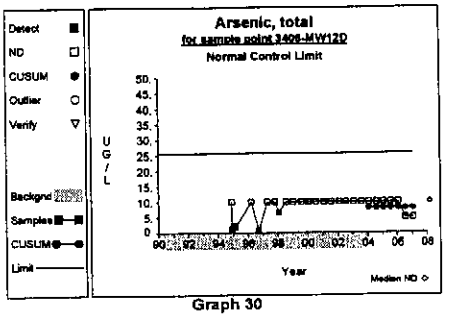

Graph 30

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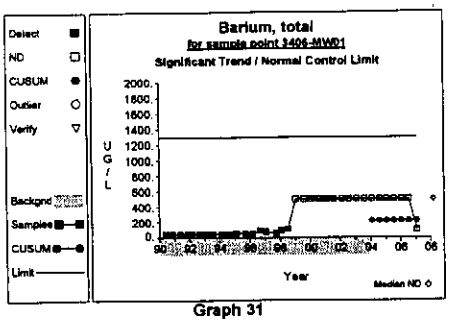

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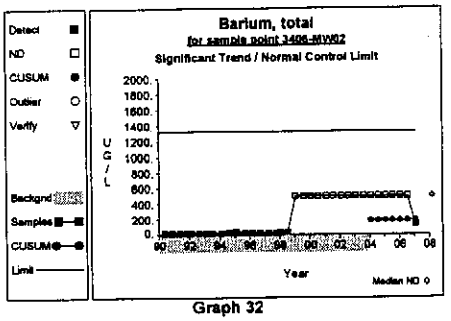

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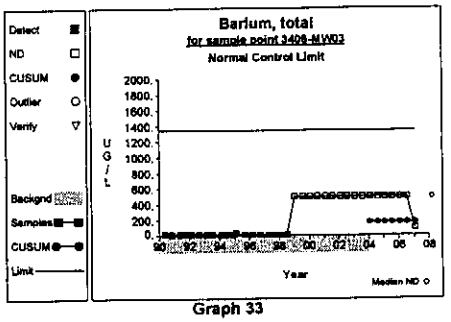

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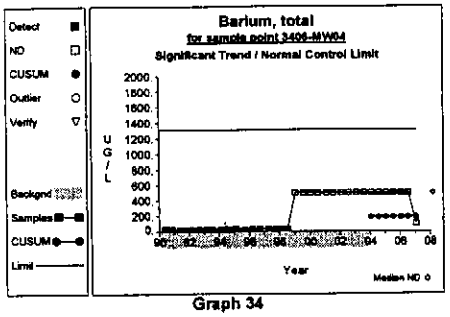

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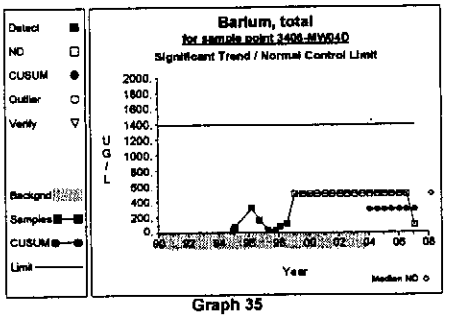

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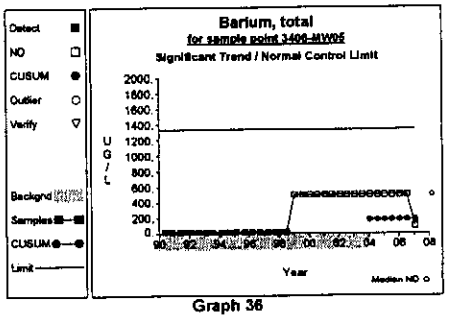

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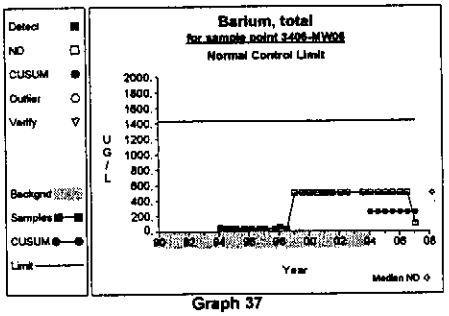

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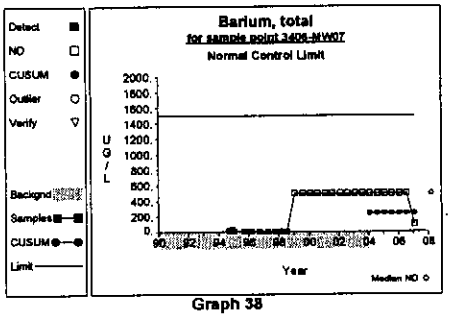

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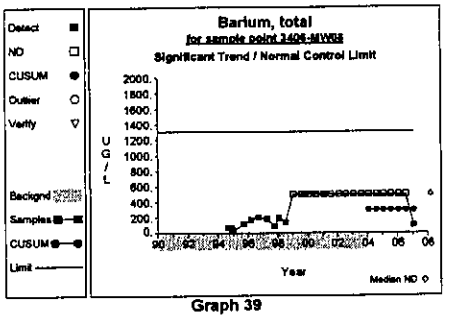

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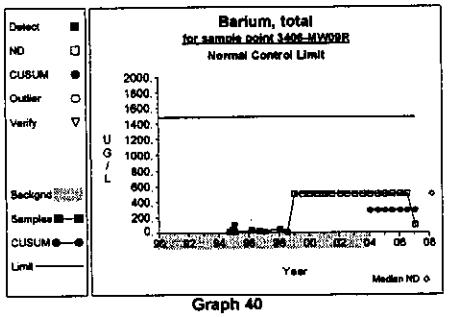

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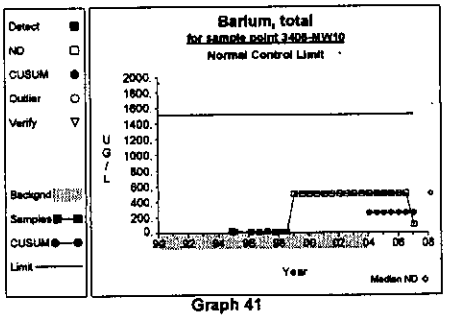

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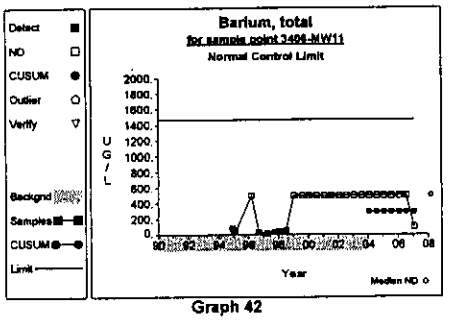

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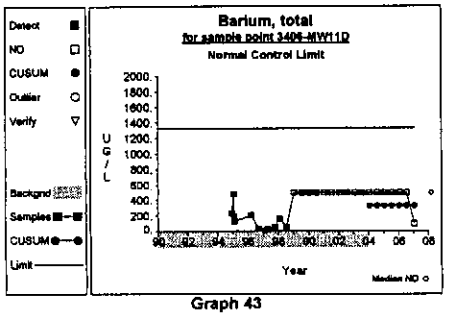

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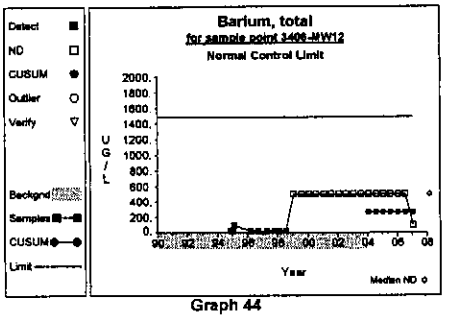

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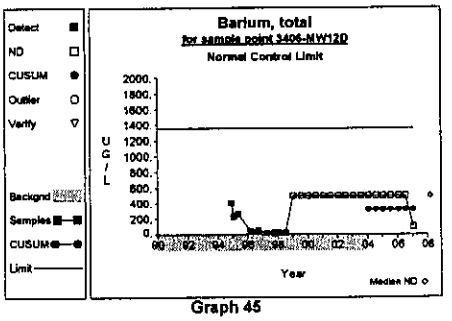

Graph 45

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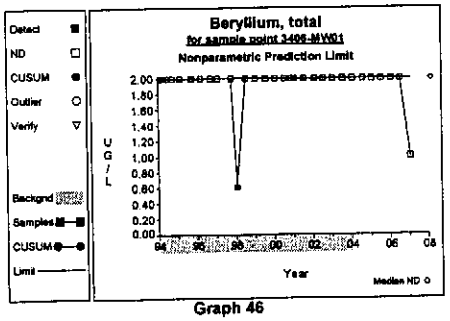

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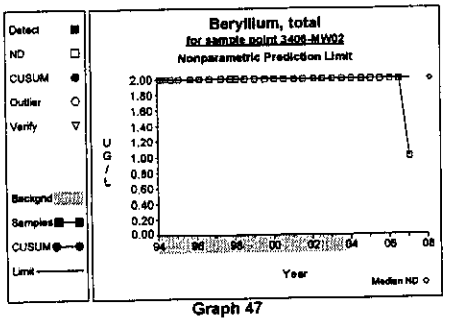

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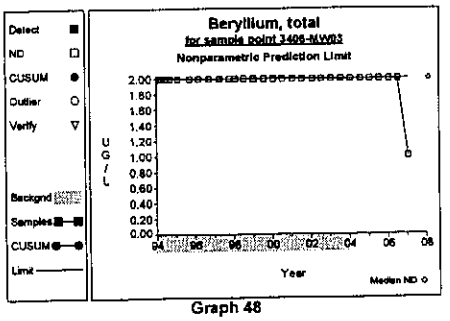

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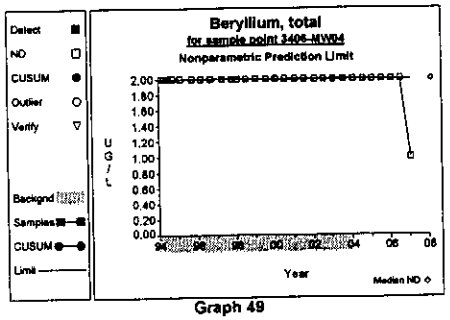

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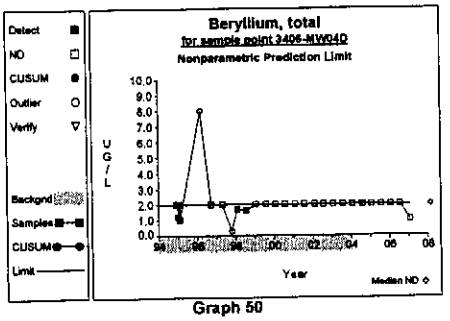

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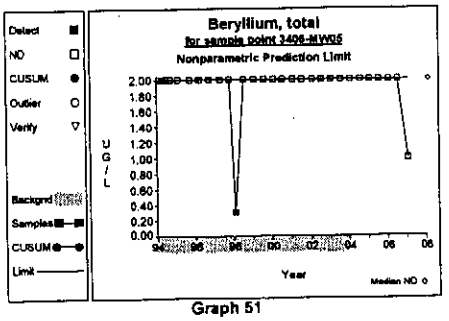

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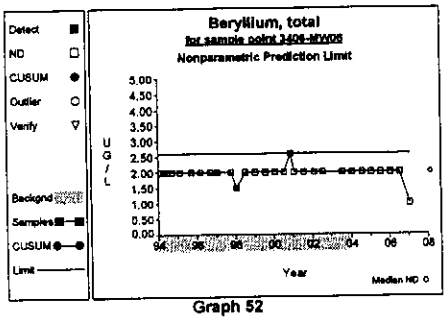

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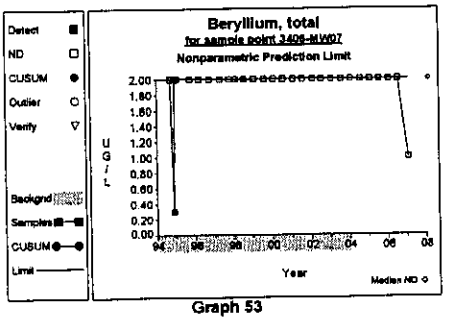

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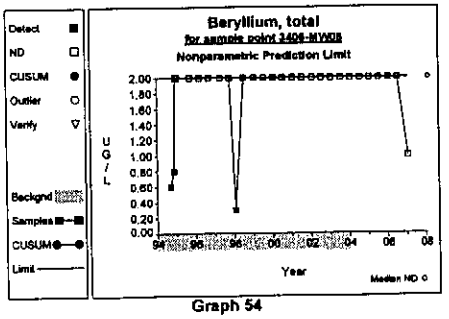

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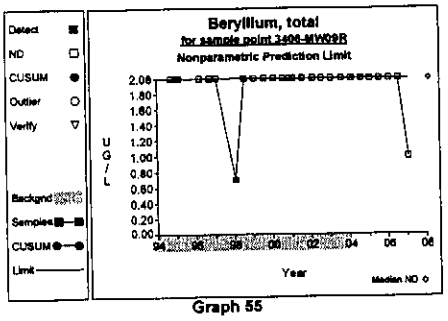

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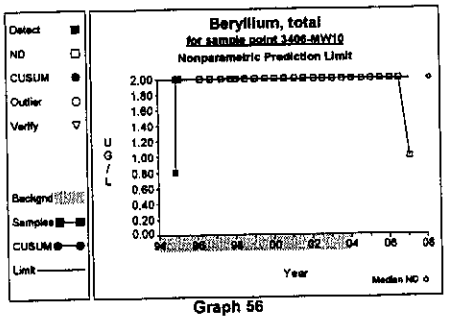

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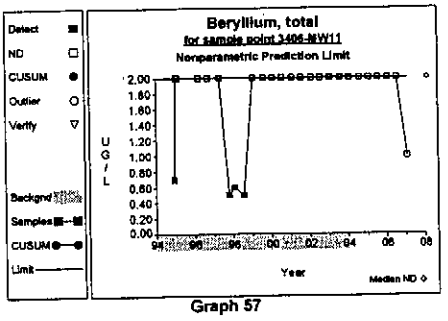

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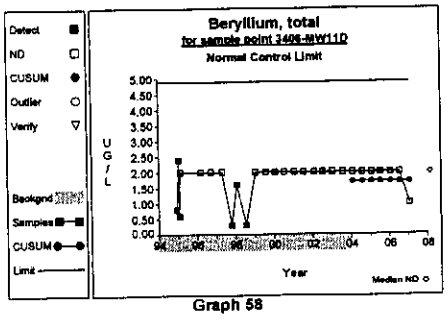

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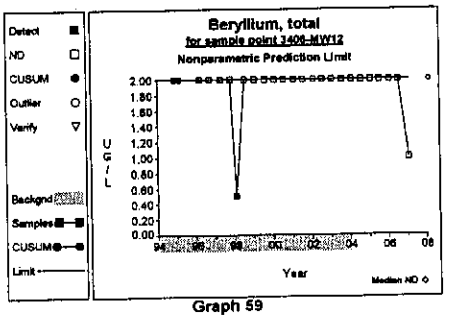

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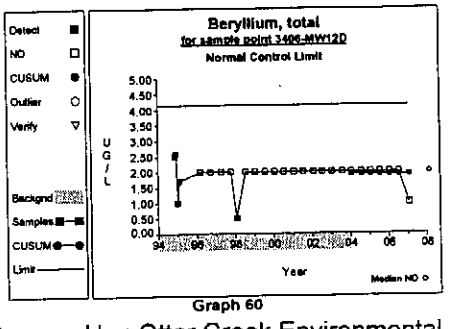

Graph 60

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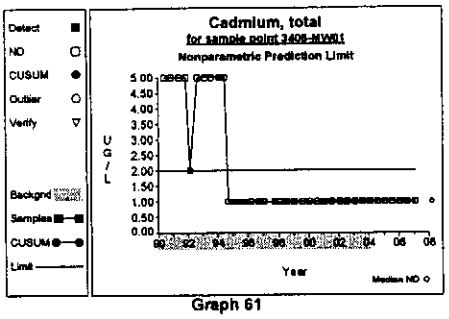
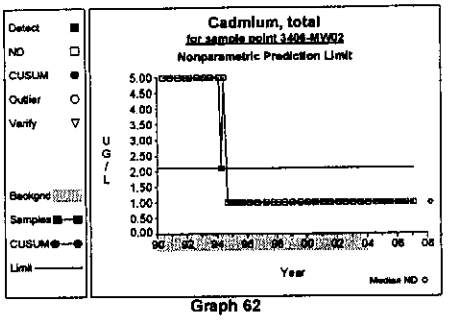


Graph 61



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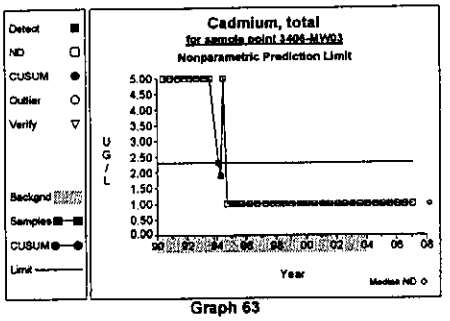

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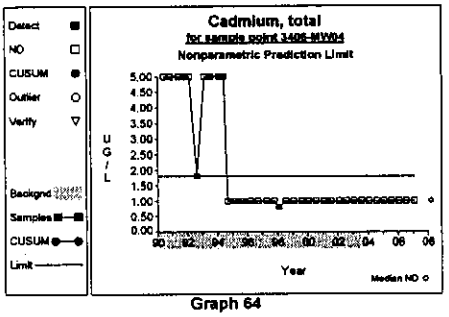

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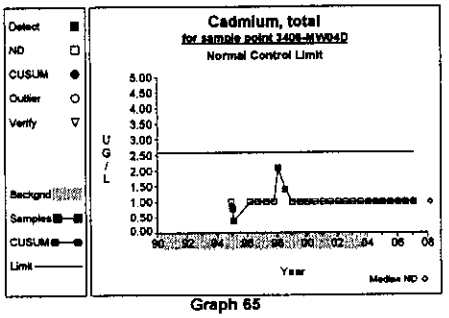

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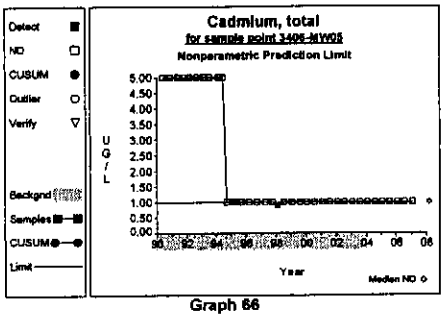

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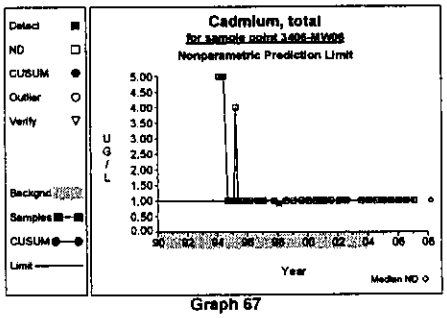

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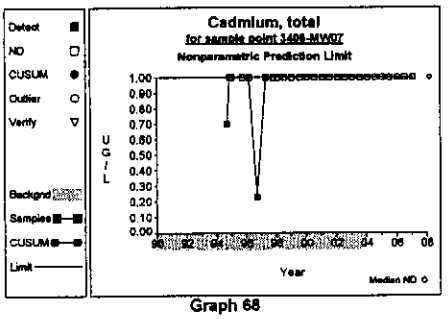

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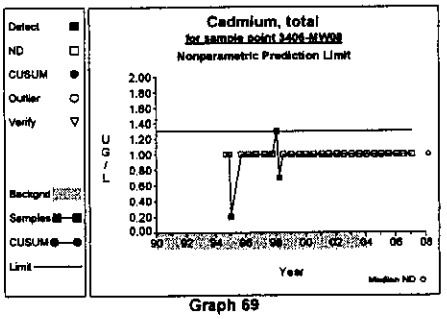

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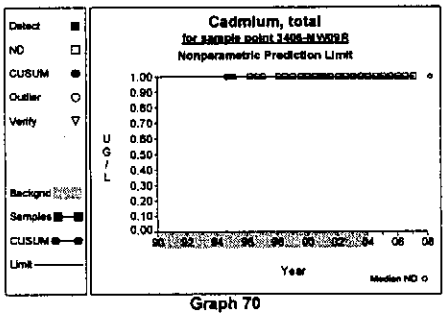

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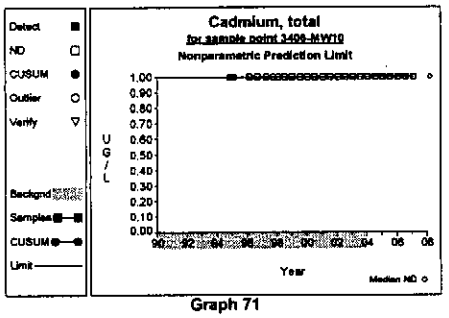

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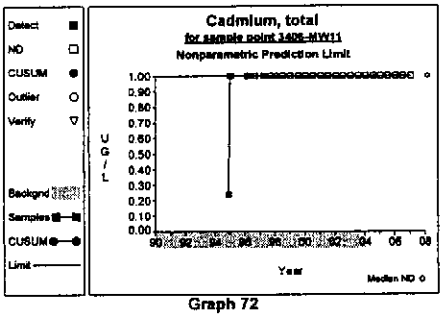

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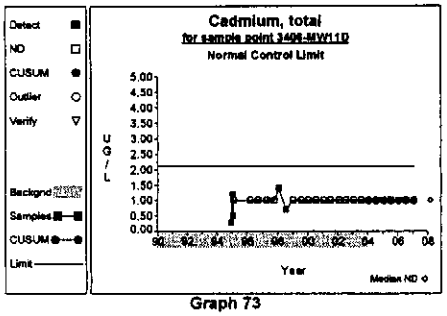

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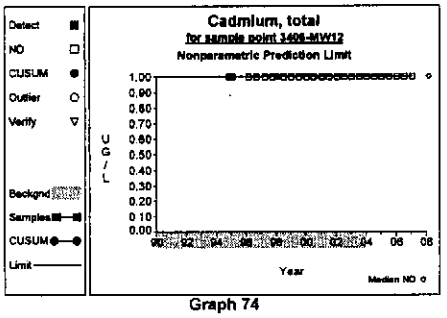

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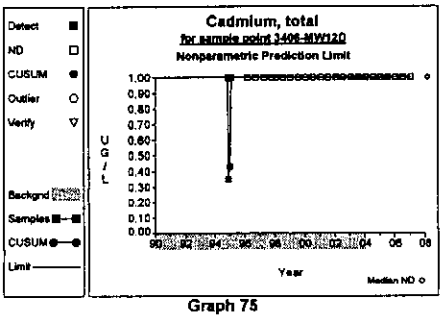

Graph 75

Piedmont [gw]

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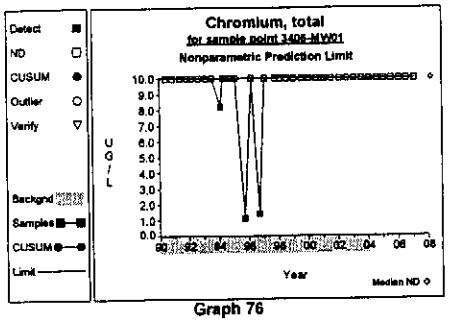
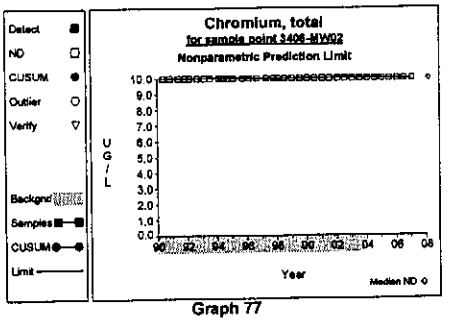


Graph 76



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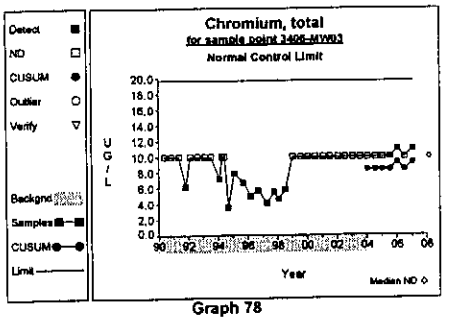

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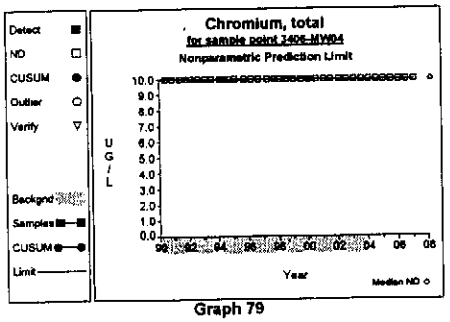

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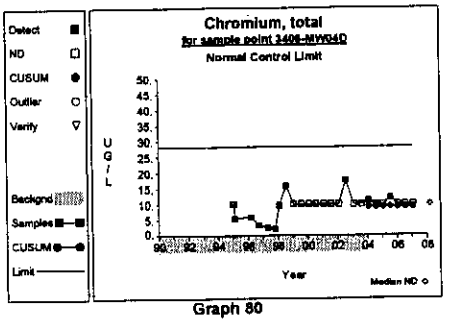

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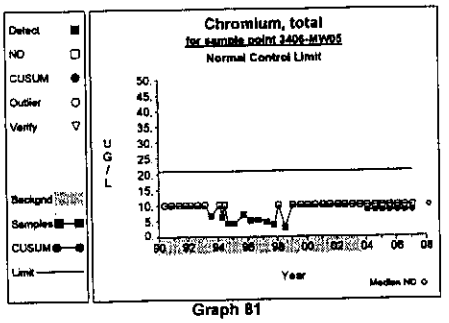

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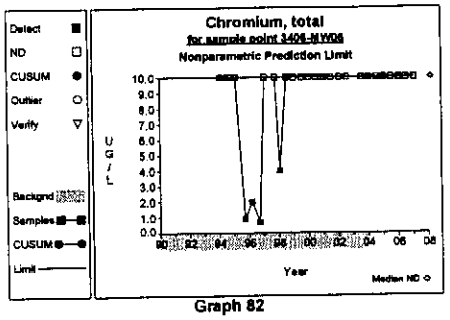

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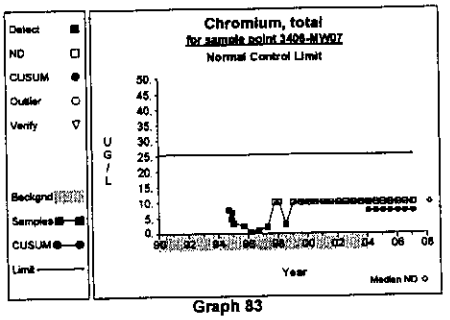

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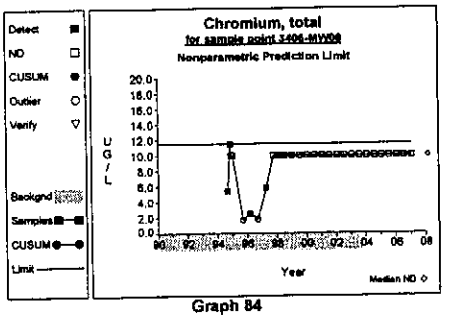

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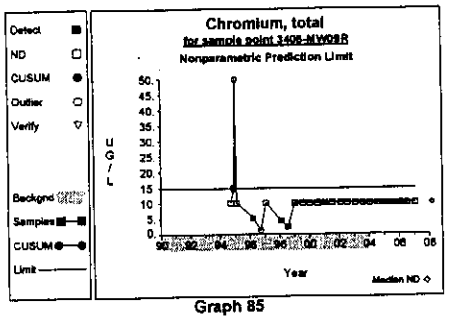

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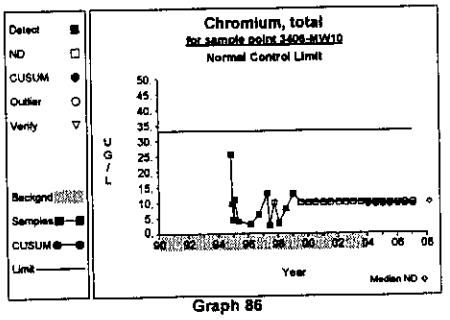

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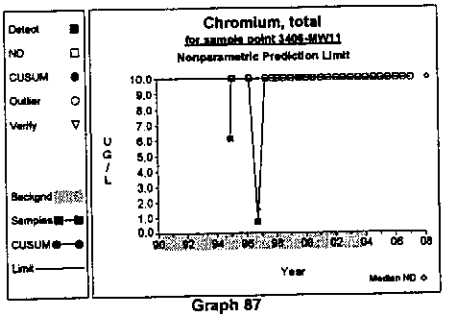

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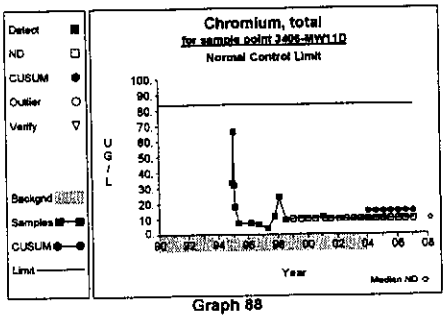

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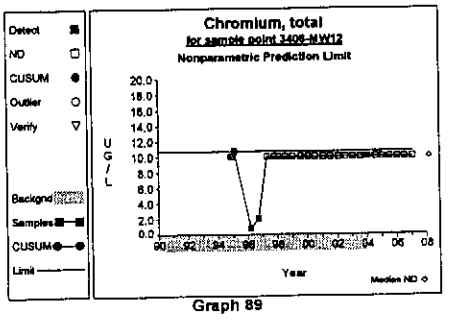

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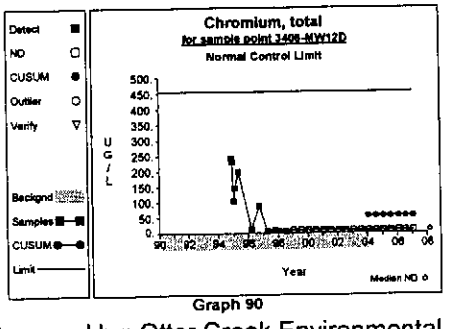

Graph 90

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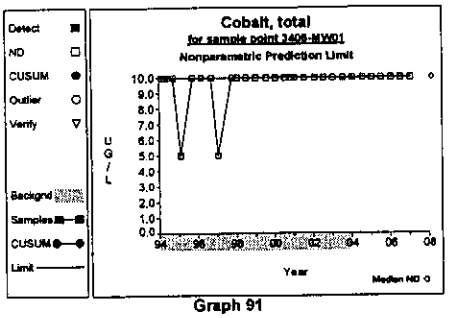

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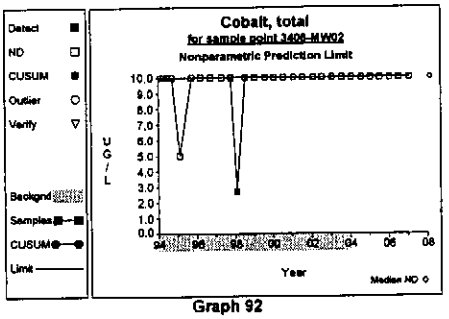

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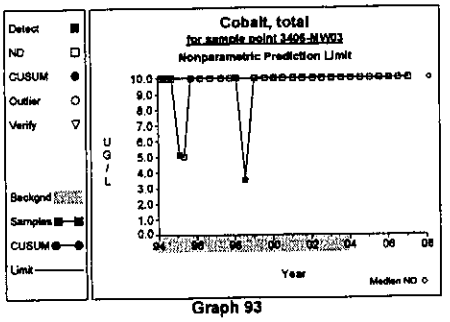

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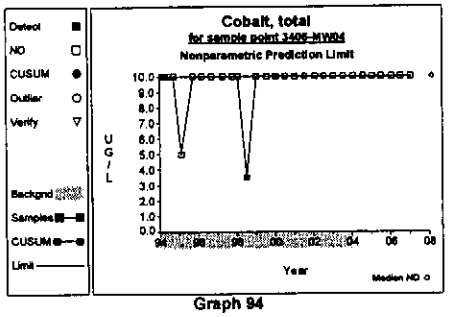

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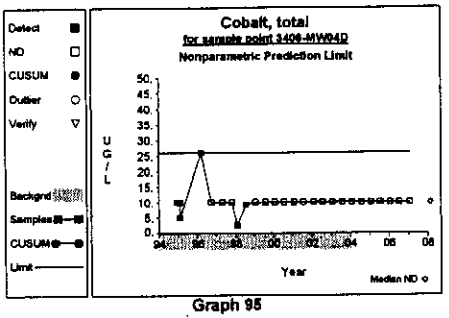

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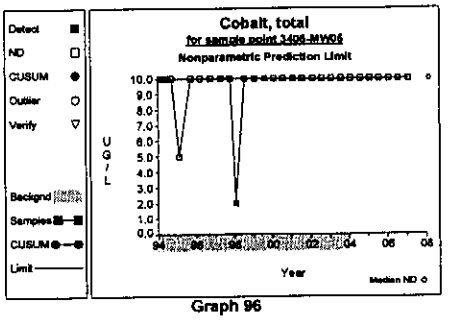

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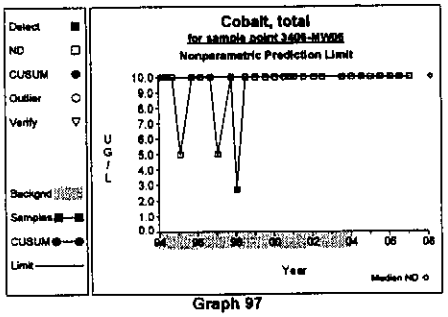

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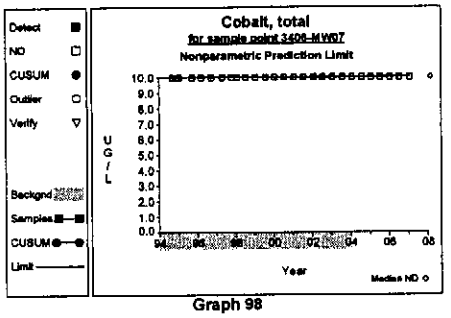

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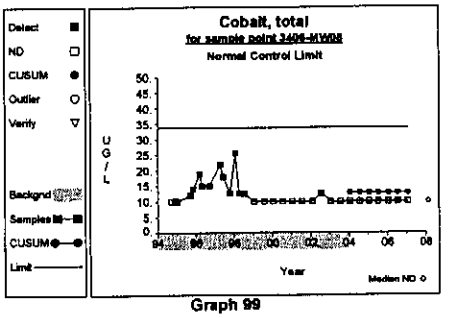

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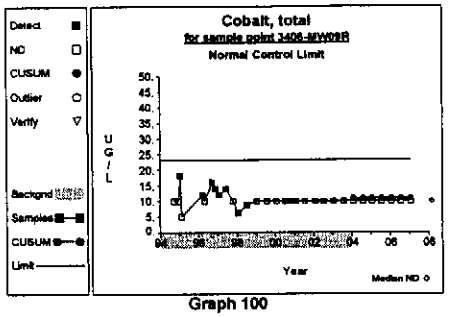

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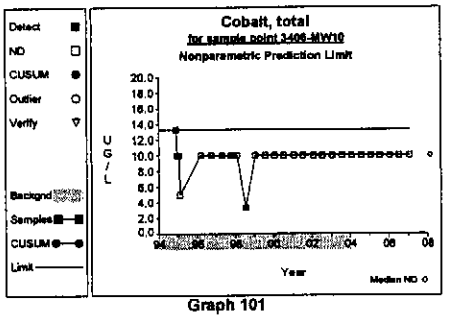

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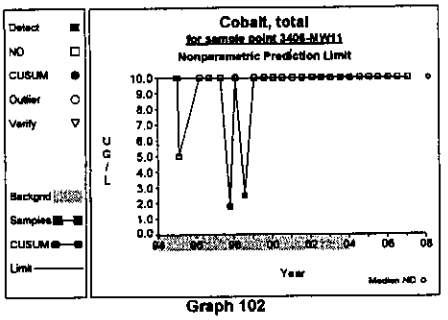

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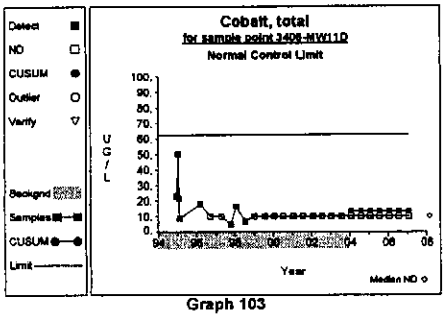

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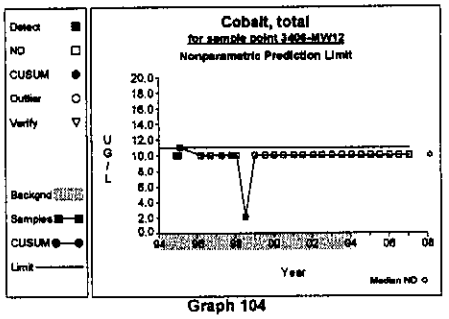

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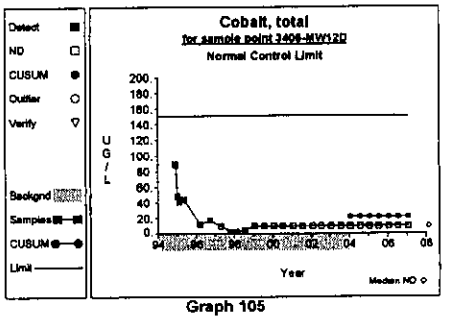

Graph 105

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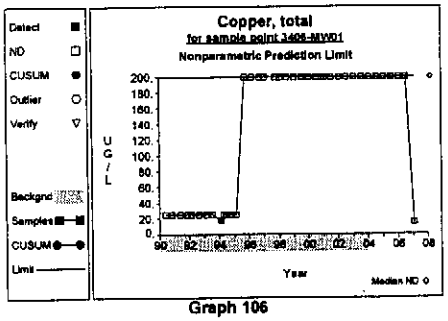

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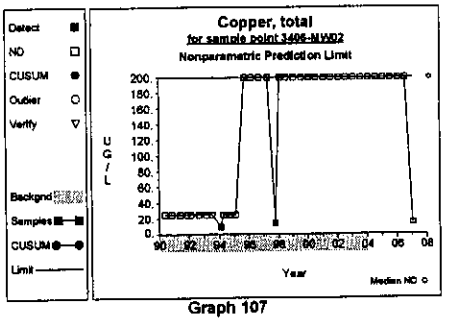

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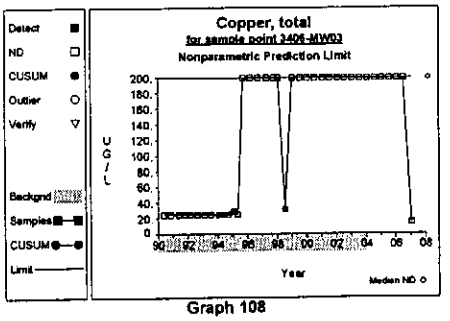

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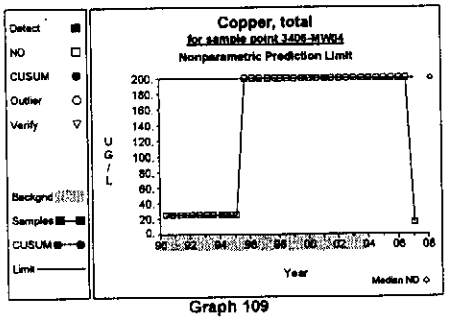

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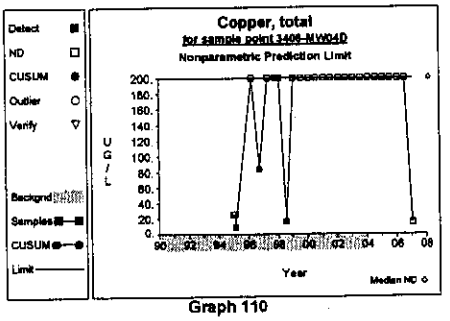

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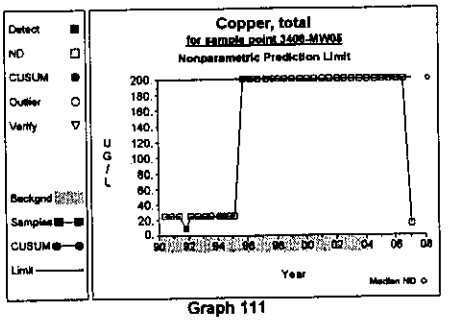

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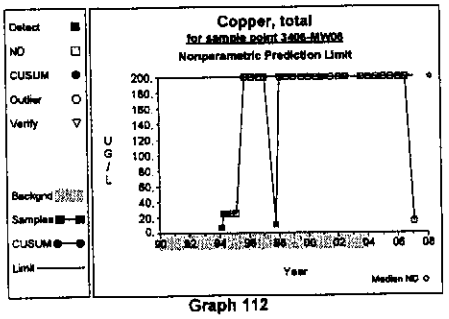

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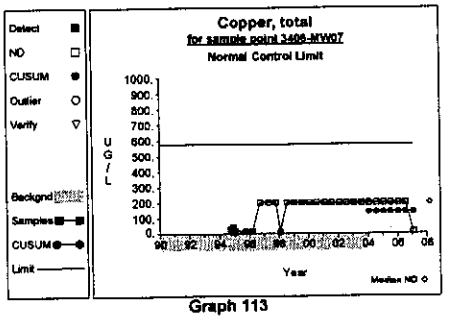

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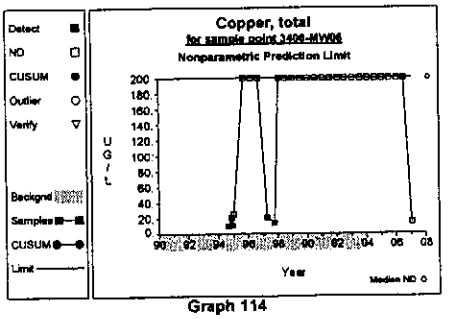

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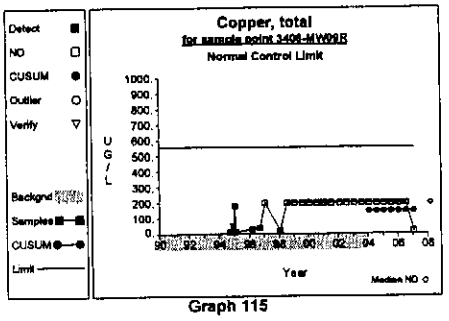

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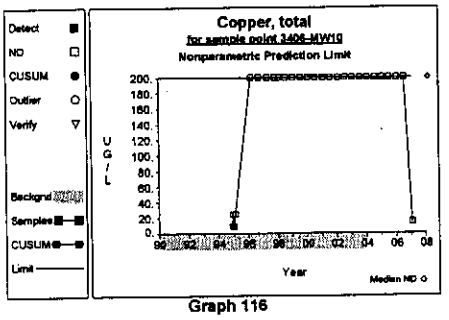

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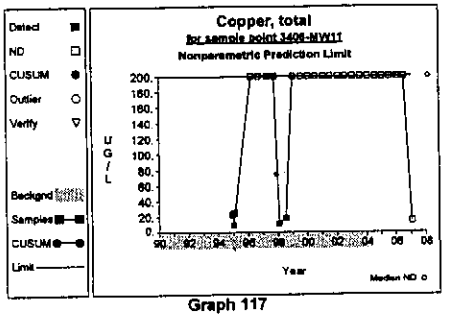

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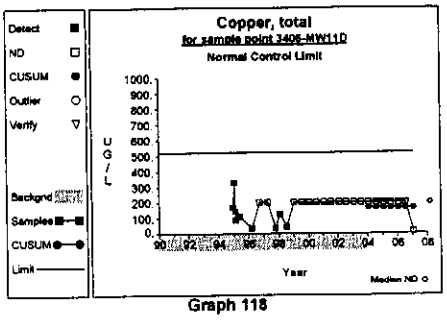

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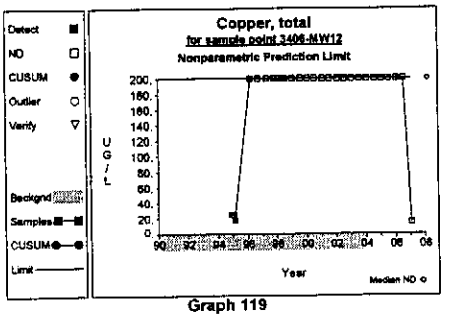

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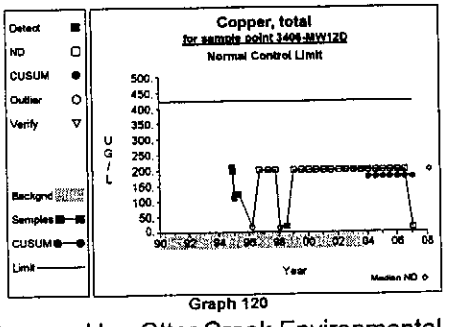

Graph 120

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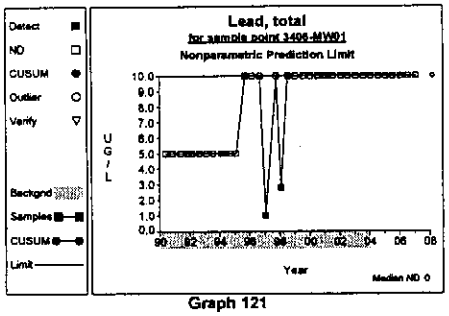

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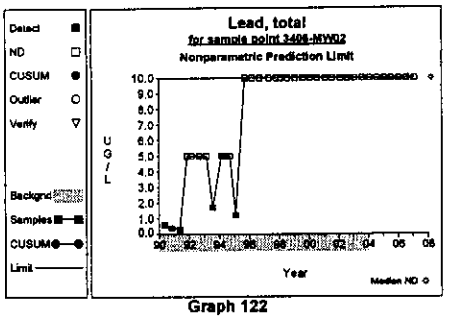

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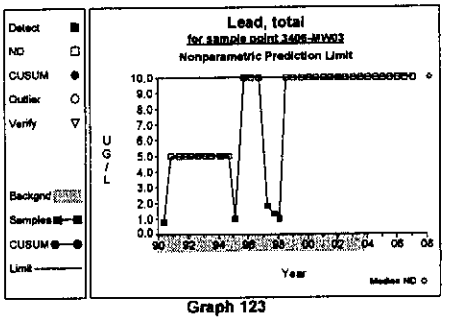

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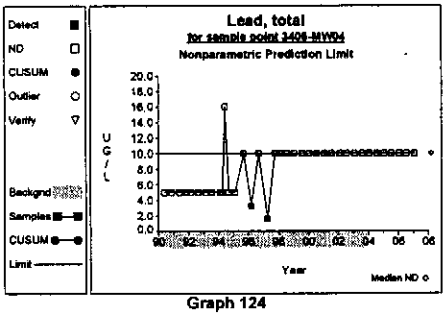

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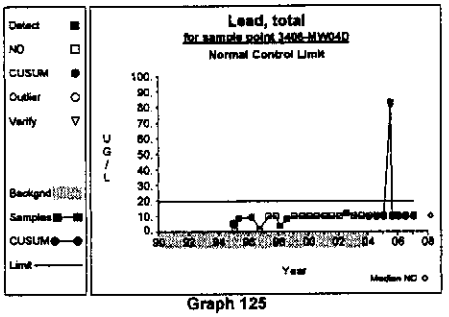

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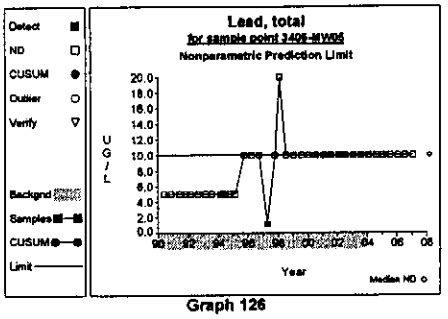

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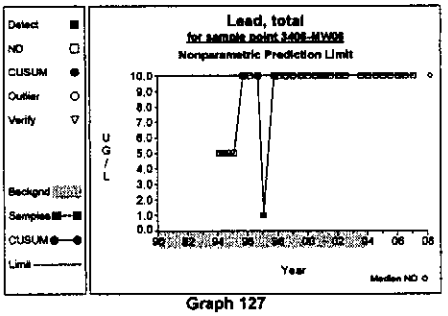

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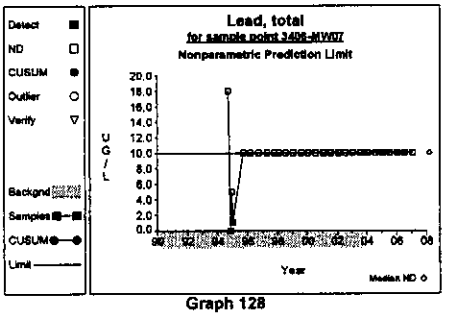

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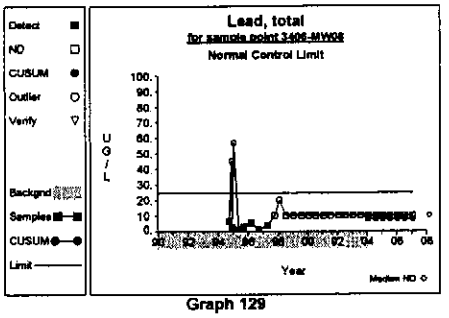

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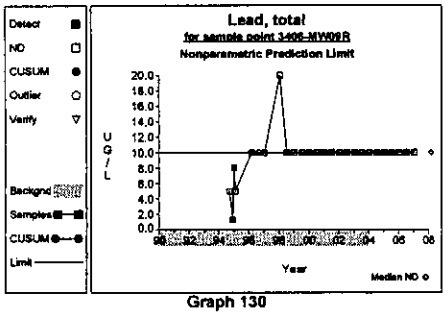

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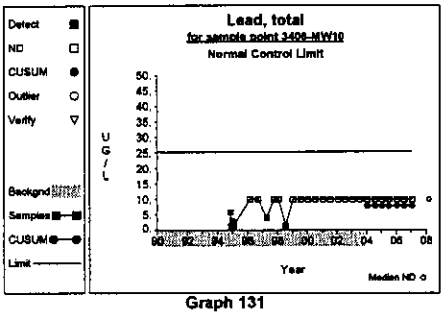
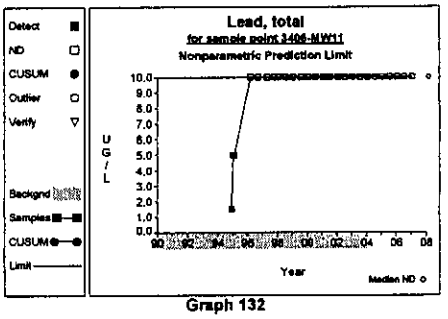


Graph 131



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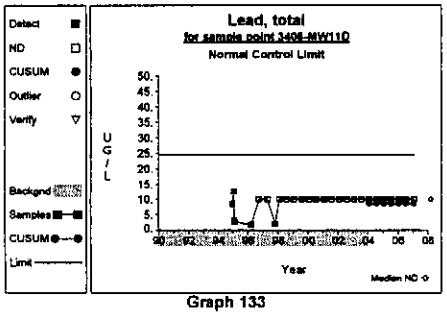

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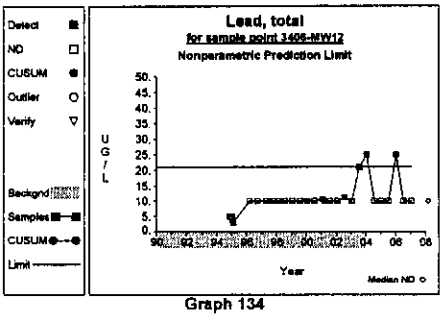

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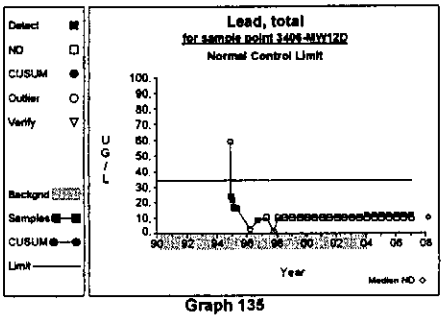

Graph 135

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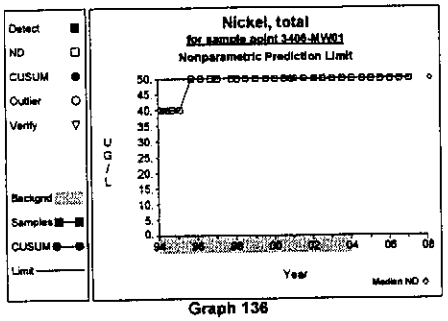
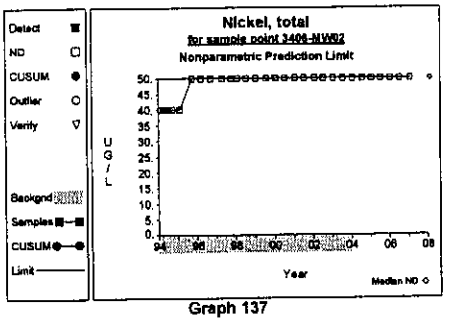
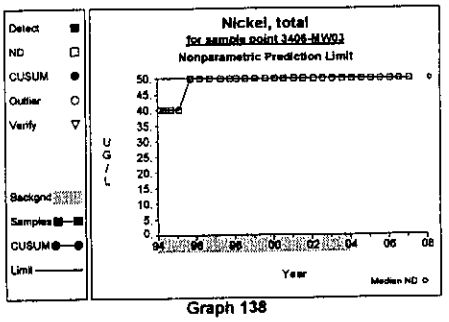


Graph 136



Graph 137



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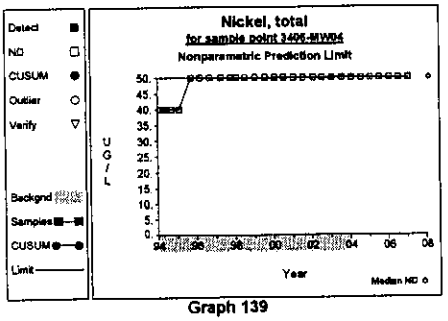

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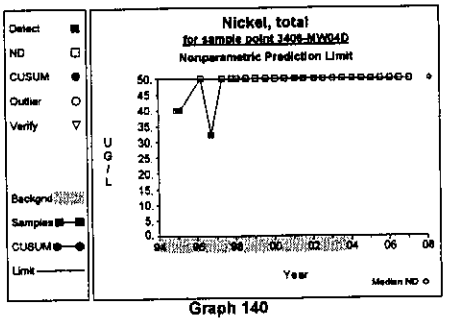

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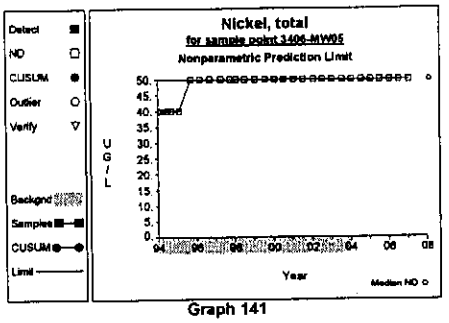

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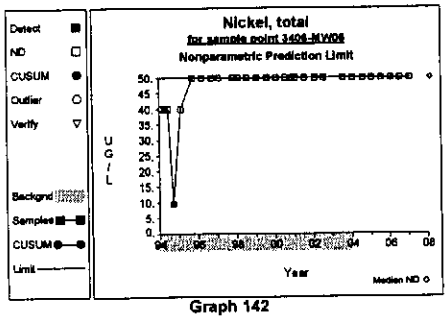

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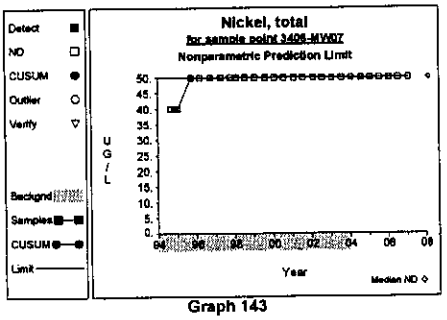

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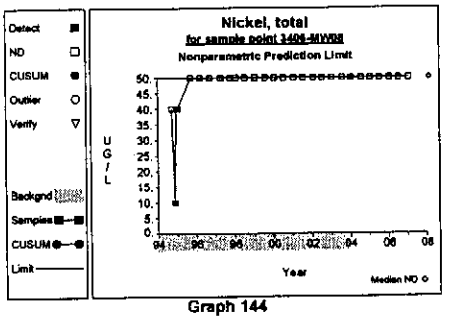

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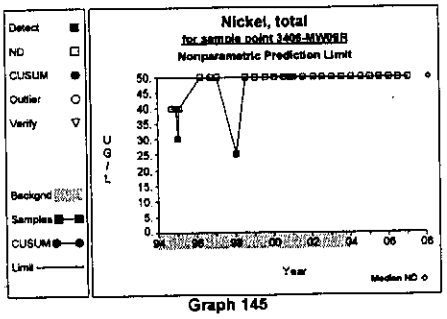

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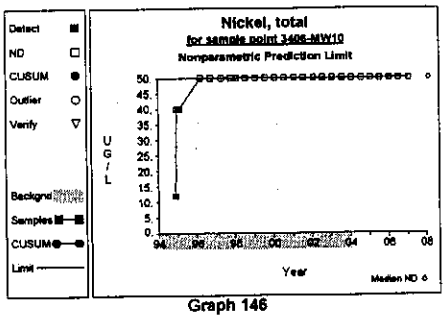

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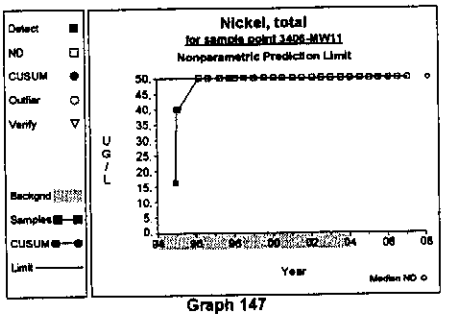

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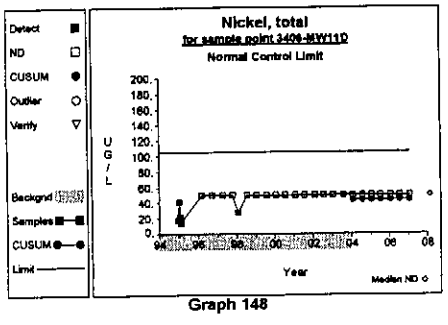

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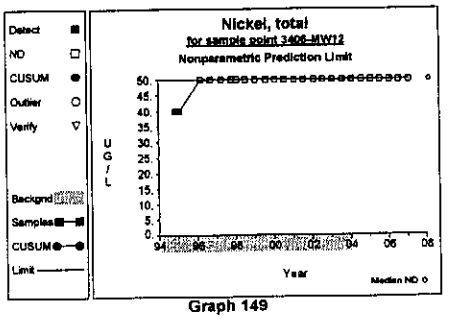

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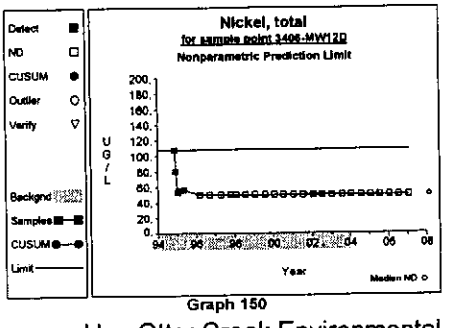

Graph 150

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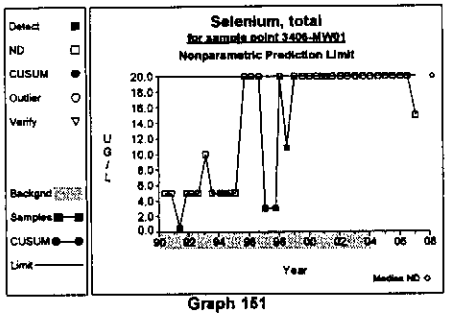

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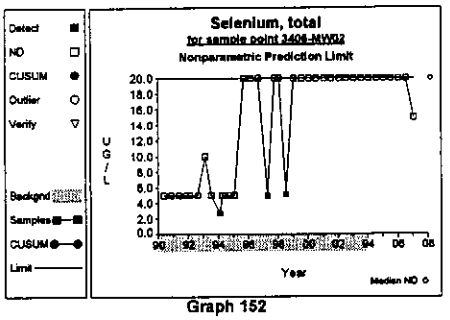

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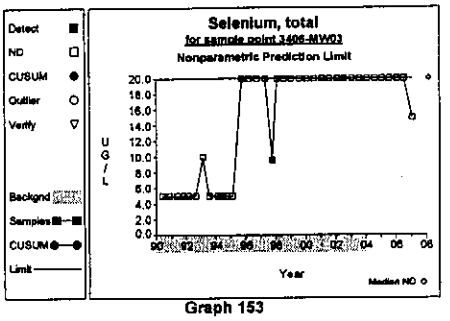

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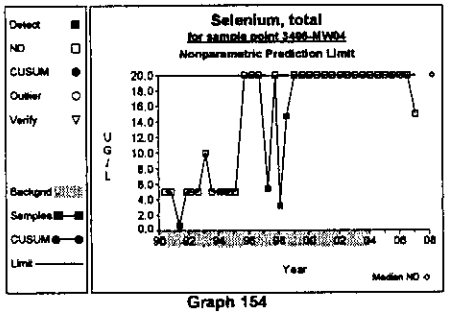

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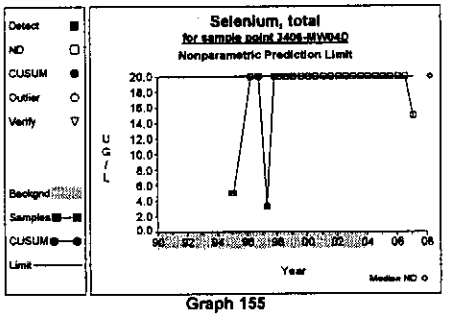

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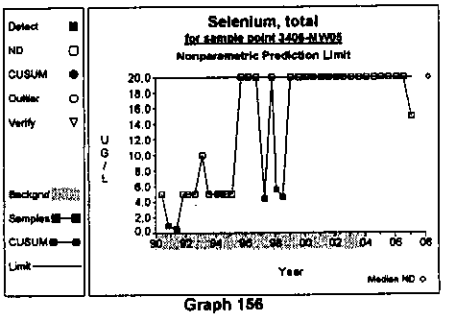

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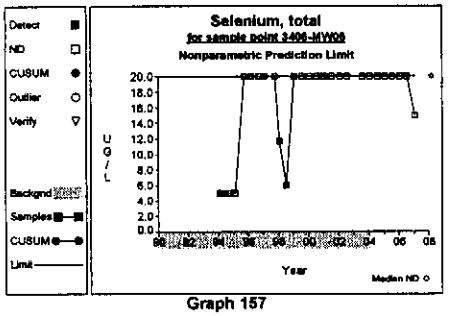

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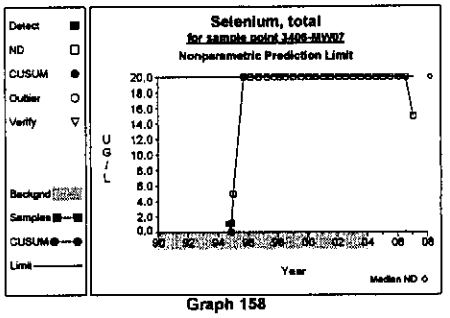

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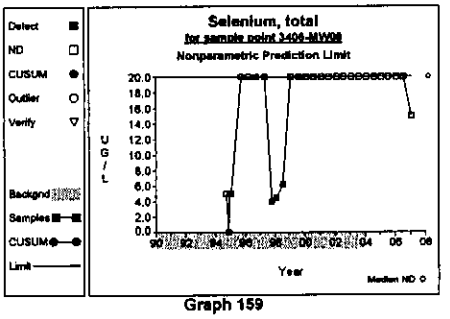

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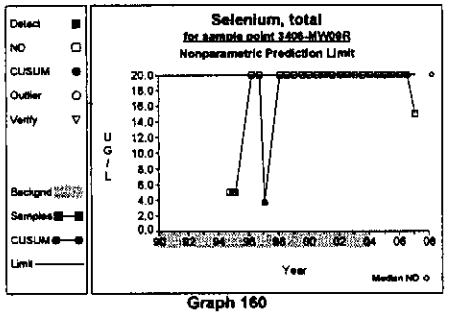

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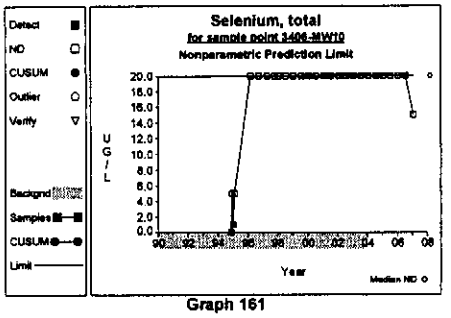

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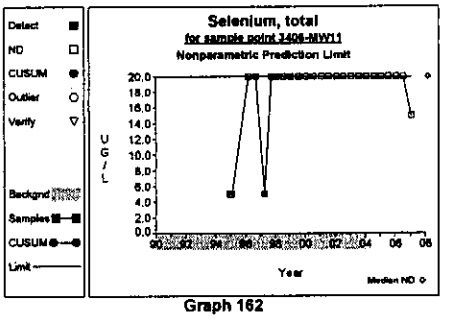

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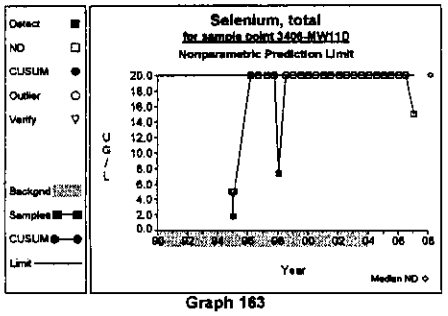

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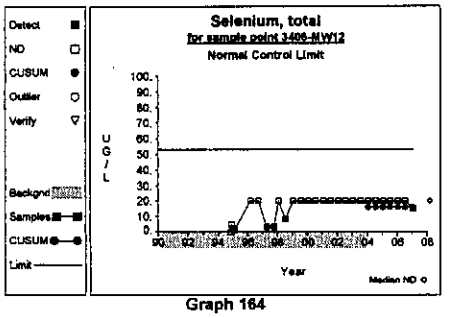

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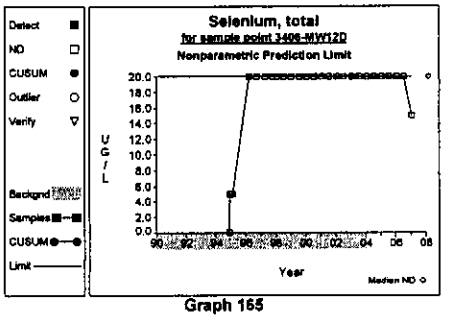

Graph 165

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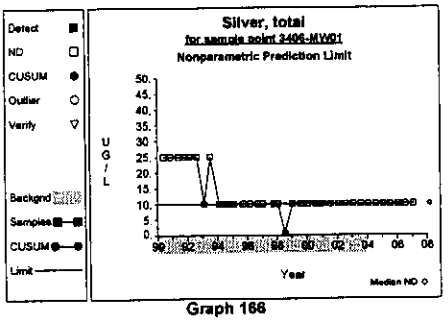

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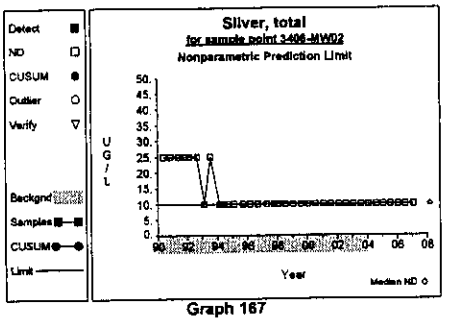

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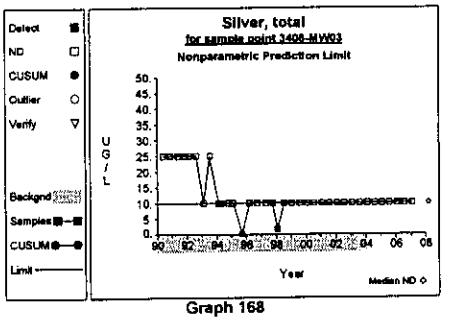

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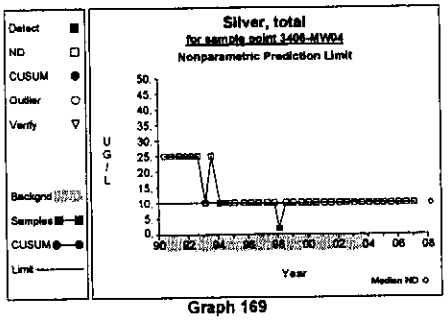

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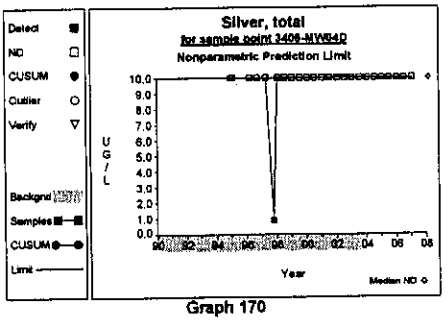

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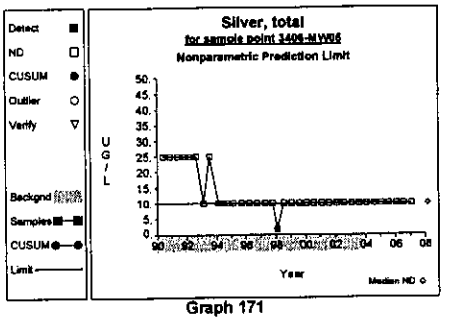

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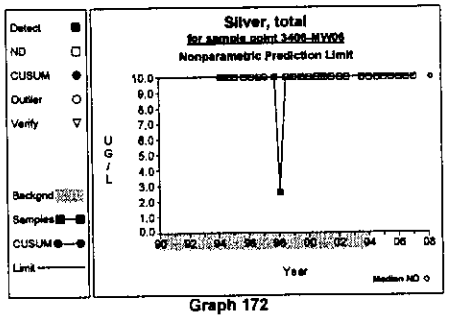

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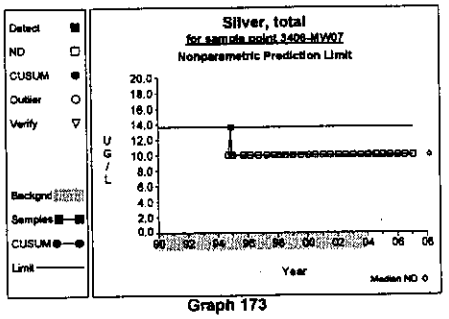

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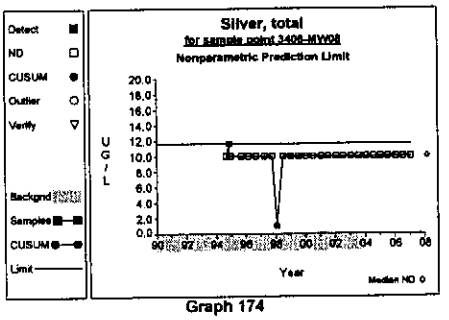

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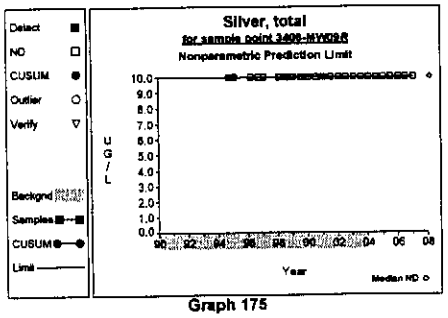

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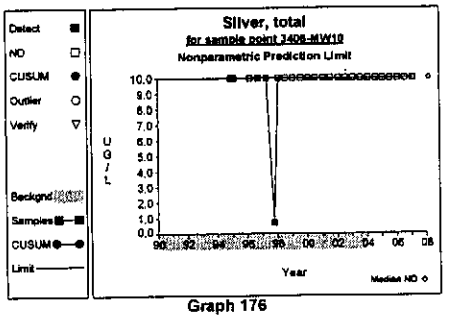

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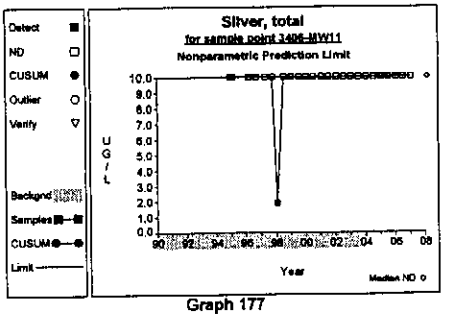

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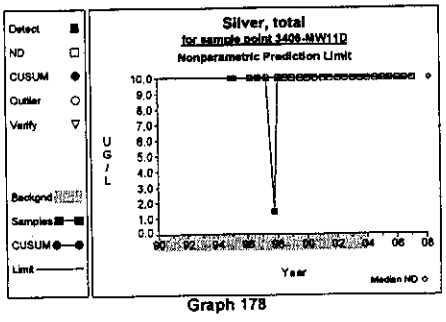
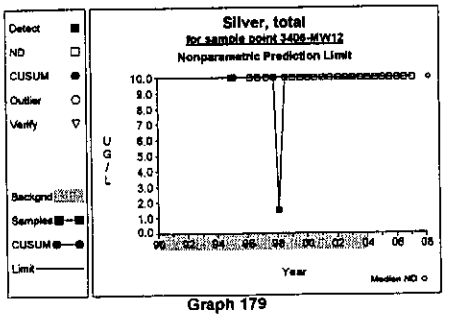


Graph 178



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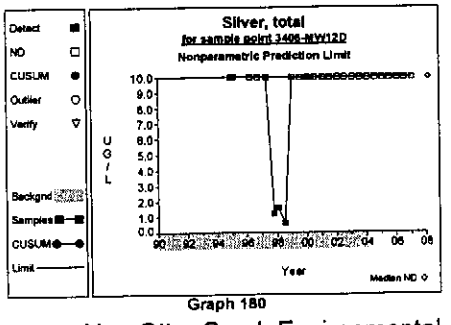

Graph 180

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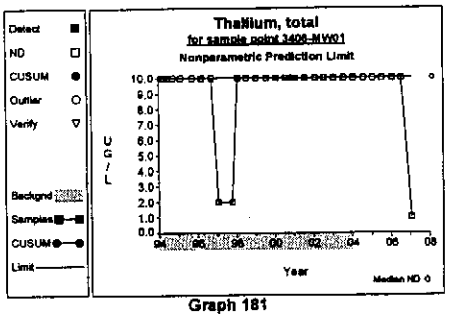
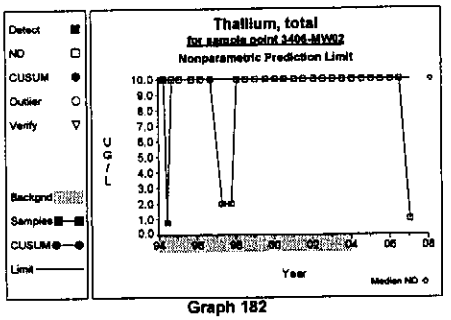


Graph 181



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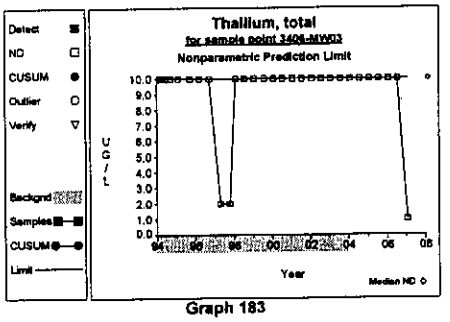

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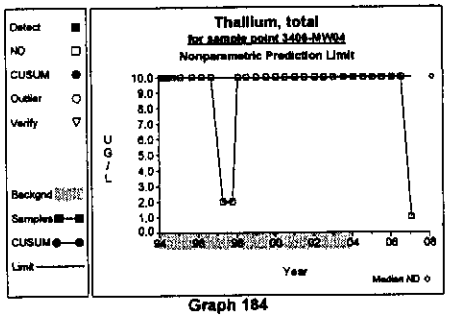

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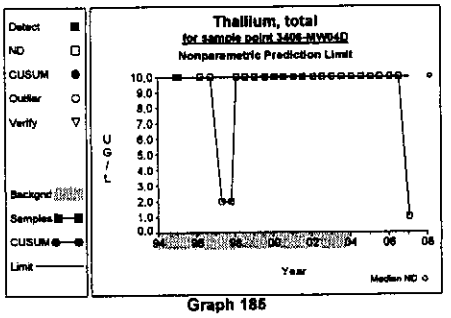

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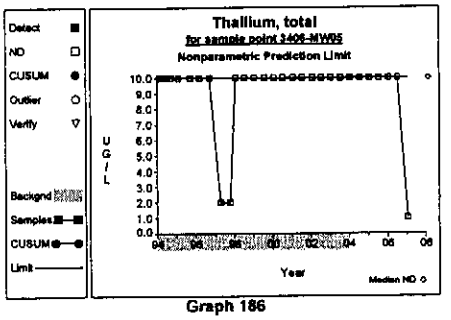

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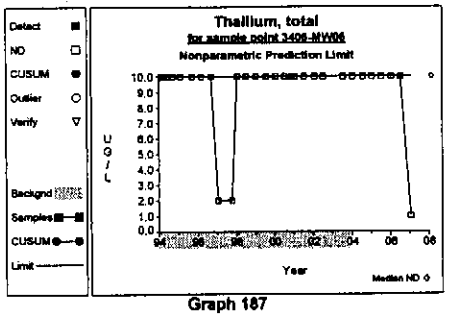

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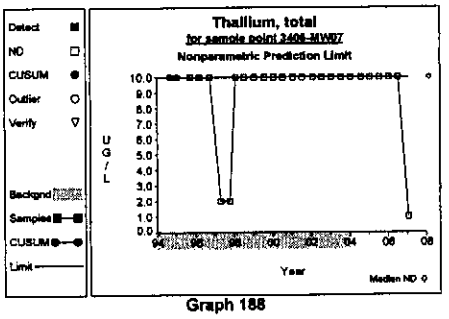

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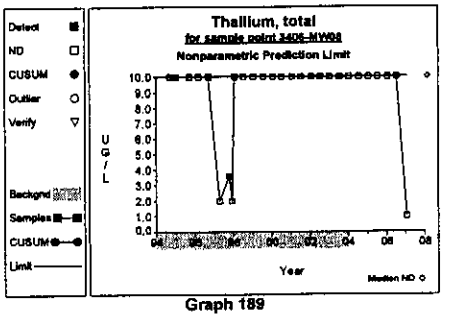

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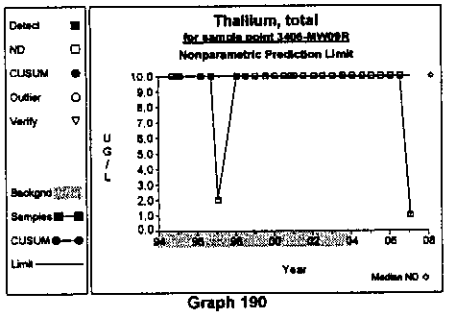

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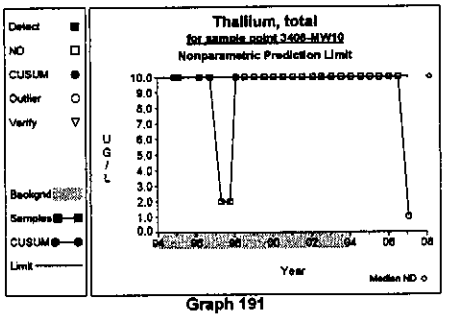

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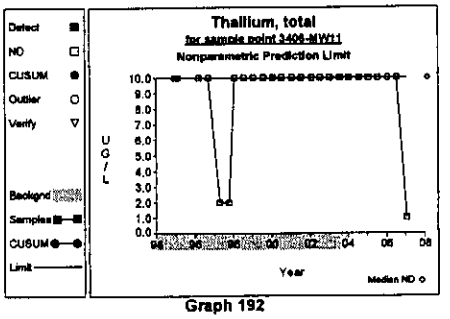

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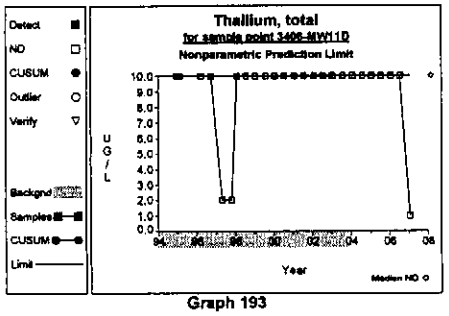

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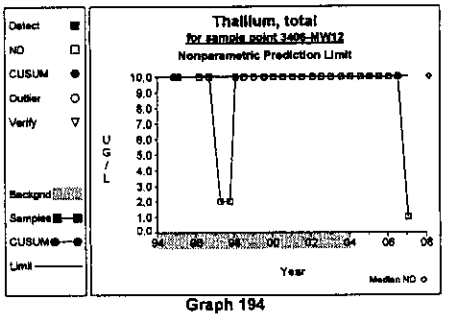

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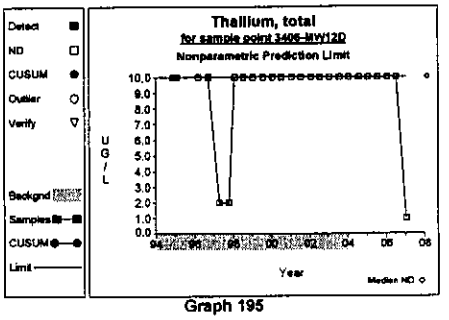

Graph 195

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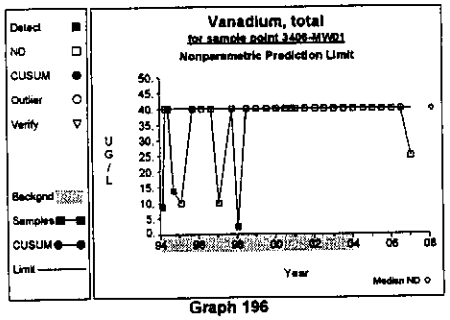
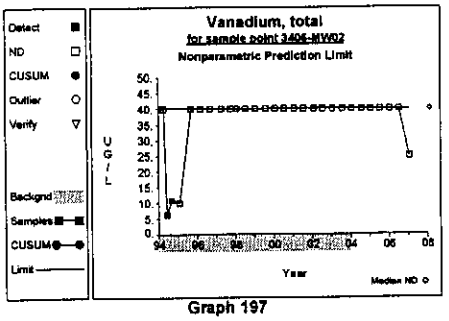
Piedmont [gw]

Analysis prepared on February 2007

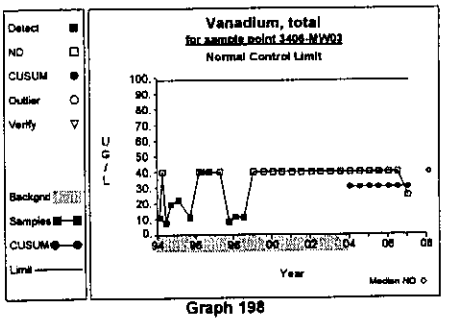
Intra-Well Control Charts



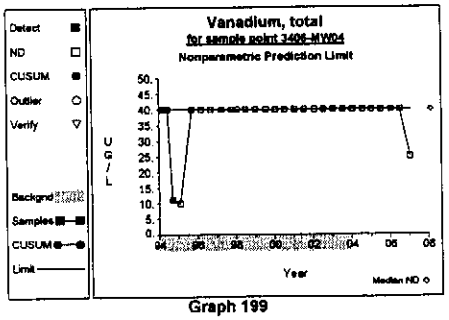
Graph 196



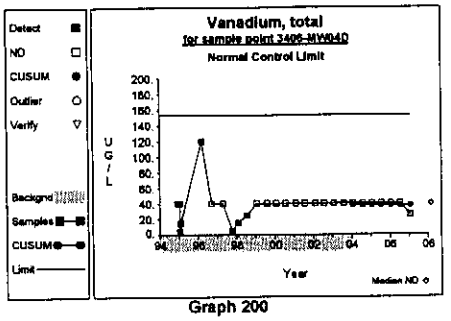
Graph 197



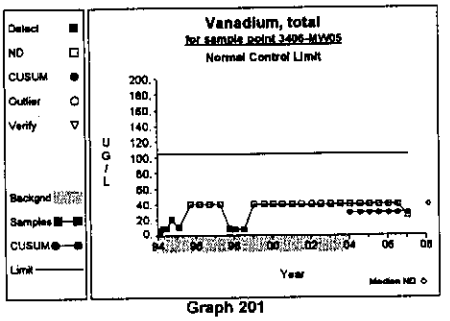
Graph 198



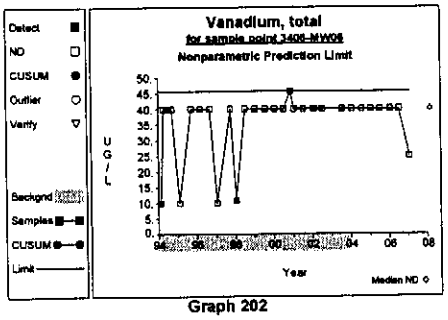
Graph 199



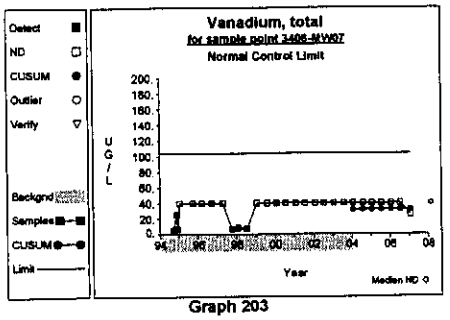
Graph 200



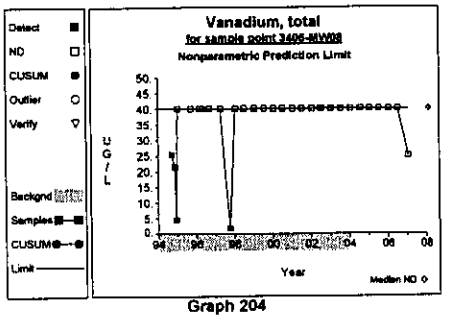
Graph 201



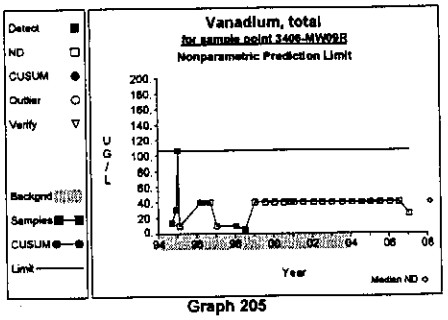
Graph 202



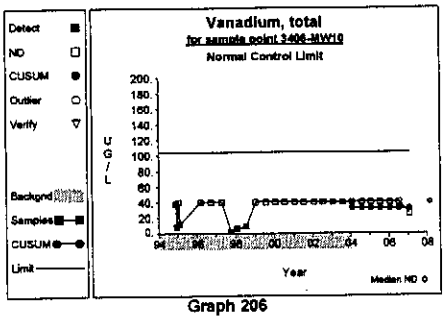
Graph 203



Graph 204



Graph 205



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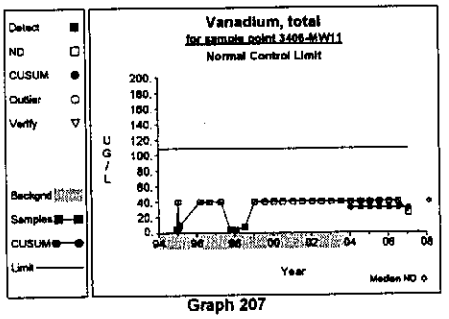
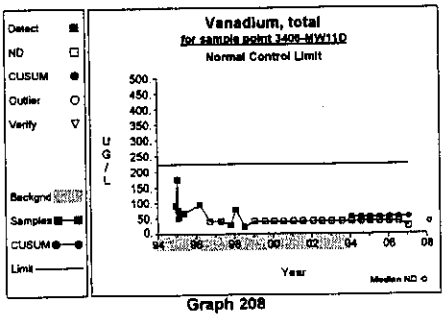
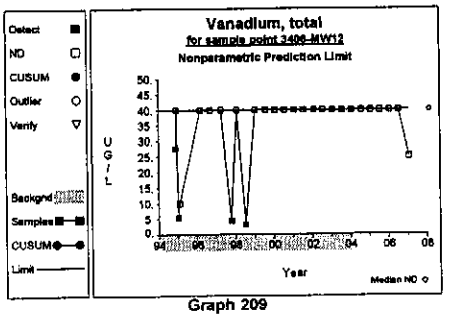


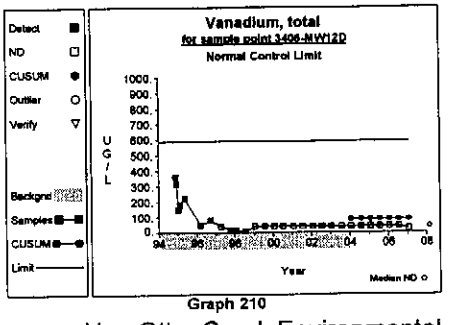
Graph 207



Graph 208



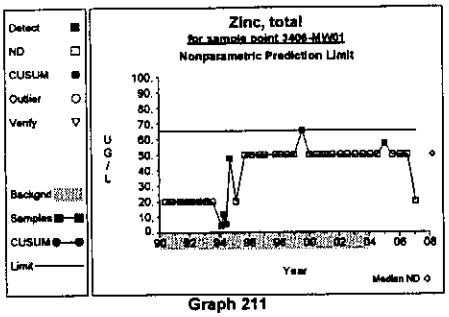
Graph 209



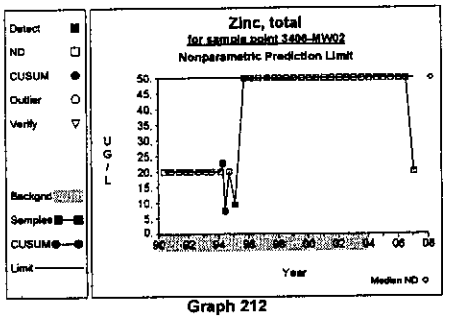
Graph 210

Prepared by: Otter Creek Environmental

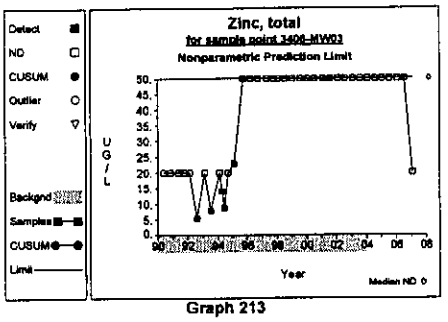
Intra-Well Control Charts



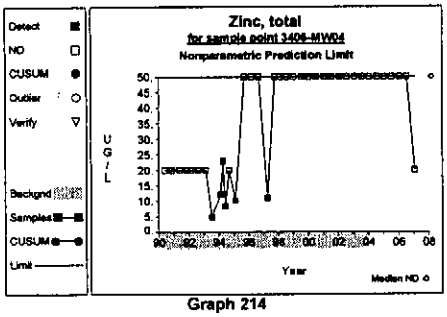
Graph 211



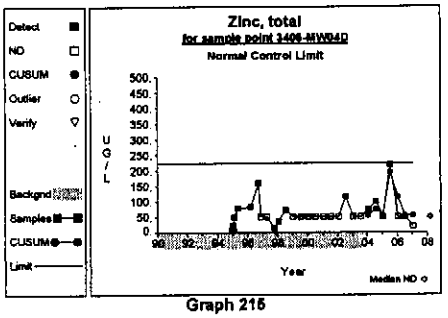
Graph 212



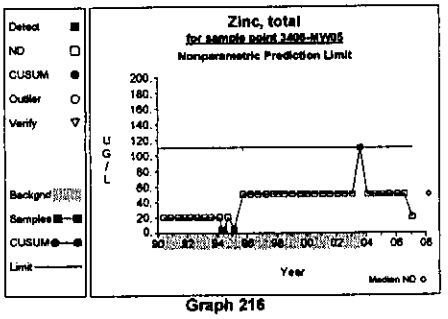
Graph 213



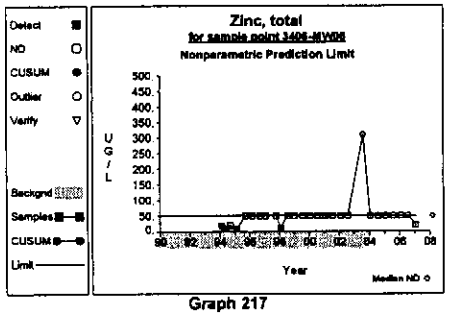
Graph 214



Graph 215



Graph 216



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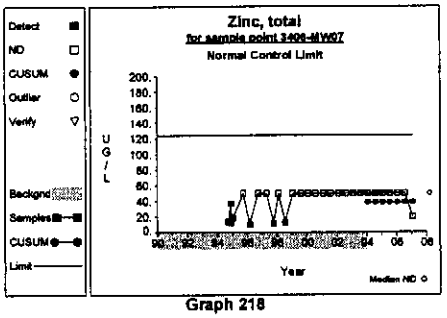
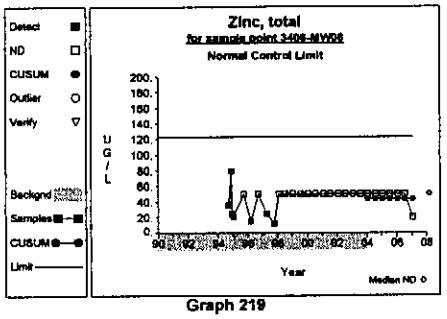
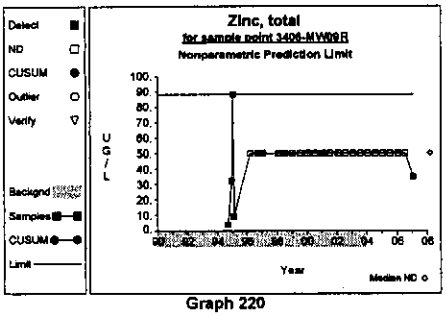


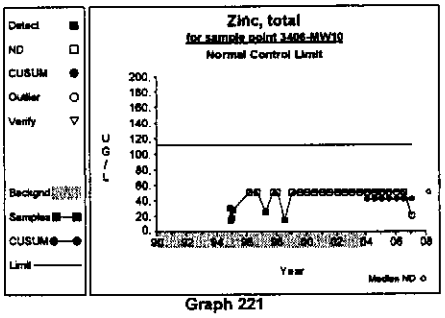
Graph 218



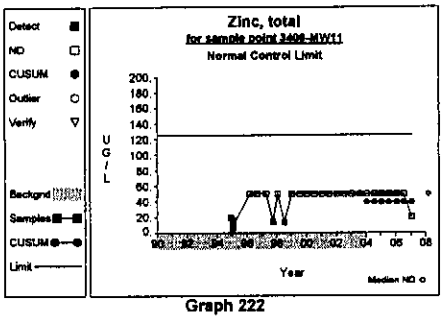
Graph 219



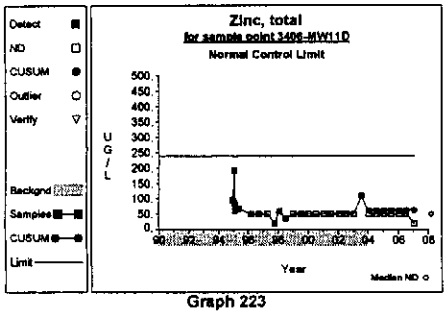
Graph 220



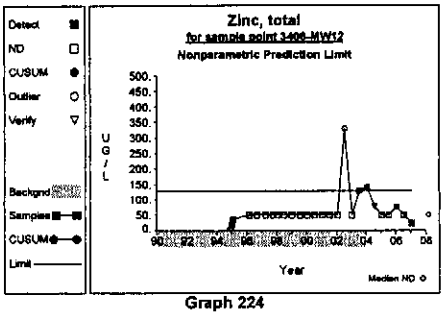
Graph 221



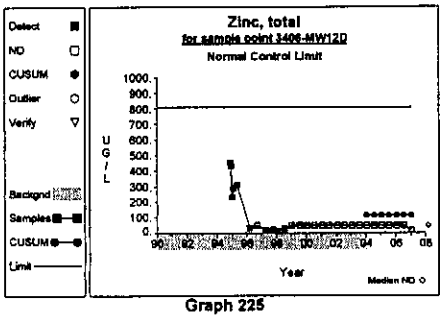
Graph 222



Graph 223

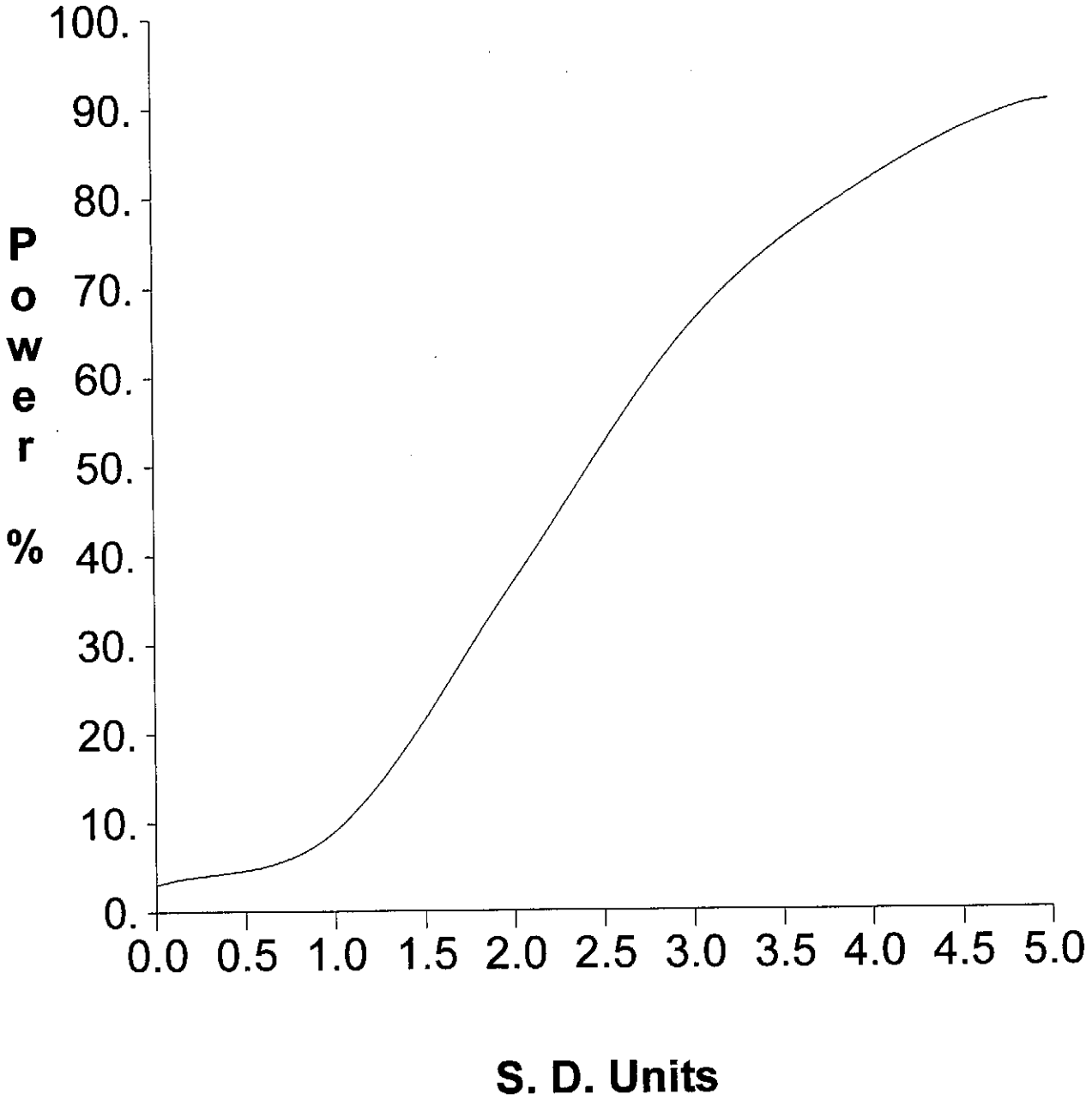


Graph 224



Graph 225

False Positive and False Negative Rates for Current Intra-Well Control Charts Monitoring Program



Attachment C

Summary of the VOCs Detected in the Ground Water

Table 1

Historical Volatile Organic Compound Detections

Constituent	Units	Well	Date	Result	Limit
Acetone	UG/L	3406-MW01	9/09/1996	21.0000	100.0000
Heptachlor	UG/L	3406-MW01	1/27/1998	.0200	.0500
1,1-dichloroethene	UG/L	3406-MW02	7/10/1998	.4000	5.0000
Chloroform	UG/L	3406-MW02	2/16/1994	.5000	5.0000
Chloroform	UG/L	3406-MW02	4/11/1994	.5000	5.0000
Chloroform	UG/L	3406-MW02	9/14/1994	.4000	5.0000
Toluene	UG/L	3406-MW02	9/09/1996	.2000	5.0000
Benzene	UG/L	3406-MW04D	1/10/1995	.2000	5.0000
Chloromethane	UG/L	3406-MW04D	12/07/1994	.5000	10.0000
Toluene	UG/L	3406-MW04D	12/07/1994	.2000	5.0000
Toluene	UG/L	3406-MW04D	1/10/1995	.3000	5.0000
Bis(2-ethylhexyl) phthalate	UG/L	3406-MW06	1/27/1998	4.0000	20.0000
Benzene	UG/L	3406-MW07	11/17/1994	.2000	5.0000
Chloromethane	UG/L	3406-MW07	3/05/1996	.6000	10.0000
Benzene	UG/L	3406-MW08	11/17/1994	.2000	5.0000
1,1,1-trichloroethane	UG/L	3406-MW09R	6/05/1997	.2000	5.0000
1,1,1-trichloroethane	UG/L	3406-MW09R	10/16/1997	.2000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	3/11/1996	1.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	9/17/1996	3.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/22/1997	9.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	6/05/1997	7.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	10/16/1997	8.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/27/1998	8.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	7/14/1998	2.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/20/2000	23.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	2/16/2000	24.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	7/12/2000	20.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	11/21/2000	26.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/24/2001	28.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	7/18/2001	19.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/31/2002	21.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	7/18/2002	24.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/21/2003	7.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	7/24/2003	14.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/22/2004	22.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	7/27/2004	20.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/19/2005	16.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	7/12/2005	18.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/18/2006	12.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	7/12/2006	11.0000	5.0000
1,1-dichloroethane	UG/L	3406-MW09R	1/24/2007	6.1000	5.0000
1,2-dichloroethane	UG/L	3406-MW09R	3/11/1996	.2000	5.0000
3-methylphenol	UG/L	3406-MW09R	1/22/1997	2.0000	10.0000
4-methylphenol	UG/L	3406-MW09R	1/22/1997	2.0000	10.0000
Acetone	UG/L	3406-MW09R	3/11/1996	66.0000	100.0000
Acetone	UG/L	3406-MW09R	4/29/1996	35.0000	34.0000
Acetone	UG/L	3406-MW09R	9/17/1996	12.0000	100.0000
Acetone	UG/L	3406-MW09R	6/05/1997	6.0000	100.0000
Benzene	UG/L	3406-MW09R	3/11/1996	5.0000	5.0000
Benzene	UG/L	3406-MW09R	4/29/1996	3.0000	5.0000
Benzene	UG/L	3406-MW09R	9/17/1996	.9000	5.0000
Benzene	UG/L	3406-MW09R	1/22/1997	2.0000	5.0000
Benzene	UG/L	3406-MW09R	6/05/1997	1.0000	5.0000
Benzene	UG/L	3406-MW09R	10/16/1997	.9000	5.0000
Bis(2-ethylhexyl) phthalate	UG/L	3406-MW09R	1/22/1997	3.0000	50.0000
Bis(2-ethylhexyl) phthalate	UG/L	3406-MW09R	1/27/1998	9.0000	20.0000
Carbon disulfide	UG/L	3406-MW09R	3/11/1996	.2000	100.0000
Carbon disulfide	UG/L	3406-MW09R	9/17/1996	.3000	100.0000
Chloroethane	UG/L	3406-MW09R	9/14/1994	1.0000	10.0000
Chloroethane	UG/L	3406-MW09R	12/06/1994	1.0000	10.0000
Chloroethane	UG/L	3406-MW09R	1/10/1995	2.0000	10.0000
Chloroethane	UG/L	3406-MW09R	3/11/1996	7.0000	10.0000
Chloroethane	UG/L	3406-MW09R	9/17/1996	25.0000	10.0000
Chloroethane	UG/L	3406-MW09R	11/18/1996	27.0000	10.0000
Chloroethane	UG/L	3406-MW09R	1/22/1997	32.0000	10.0000
Chloroethane	UG/L	3406-MW09R	6/05/1997	16.0000	10.0000
Chloroethane	UG/L	3406-MW09R	10/16/1997	14.0000	10.0000
Chloroethane	UG/L	3406-MW09R	1/27/1998	8.0000	10.0000
Chloroethane	UG/L	3406-MW09R	7/14/1998	.5000	10.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	9/17/1996	2.0000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	1/22/1997	3.0000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	6/05/1997	2.0000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	10/16/1997	2.0000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	1/27/1998	1.0000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	7/18/2002	6.5000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	1/21/2003	6.9000	5.0000

Detections are shown for constituents selected in the VOC list and all selected wells
The Limit column refers to the laboratory reporting limit

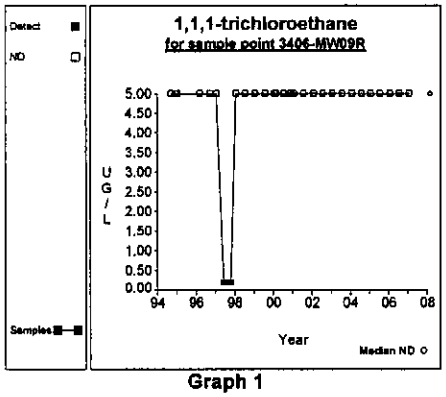
Table 1

Historical Volatile Organic Compound Detections

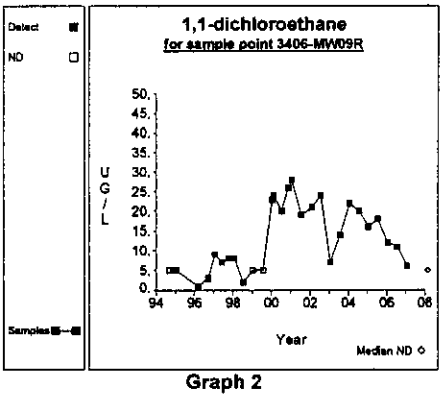
Constituent	Units	Well	Date	Result	Limit
Cis-1,2-dichloroethene	UG/L	3406-MW09R	7/24/2003	7.5000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	1/22/2004	12.0000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	7/27/2004	12.0000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	1/19/2005	11.0000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	7/12/2005	11.0000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	1/18/2006	8.4000	5.0000
Cis-1,2-dichloroethene	UG/L	3406-MW09R	7/12/2006	6.5000	5.0000
Dichlorodifluoromethane	UG/L	3406-MW09R	1/22/1997	2.0000	10.0000
Dichlorodifluoromethane	UG/L	3406-MW09R	1/27/1998	.7000	5.0000
Ethane	UG/L	3406-MW09R	11/21/2000	.9600	.5000
Isobutyl alcohol	UG/L	3406-MW09R	1/22/1997	30.0000	50.0000
Methane	UG/L	3406-MW09R	11/21/2000	720.0000	.5000
Methane	UG/L	3406-MW09R	11/21/2000	4100.0000	100.0000
Methyl ethyl ketone	UG/L	3406-MW09R	3/11/1996	10.0000	100.0000
Methylene chloride	UG/L	3406-MW09R	3/11/1996	.5000	10.0000
Methylene chloride	UG/L	3406-MW09R	9/17/1996	2.0000	10.0000
Methylene chloride	UG/L	3406-MW09R	1/22/1997	6.0000	10.0000
Methylene chloride	UG/L	3406-MW09R	6/05/1997	3.0000	10.0000
Methylene chloride	UG/L	3406-MW09R	10/16/1997	5.0000	10.0000
Methylene chloride	UG/L	3406-MW09R	1/27/1998	4.0000	10.0000
Methylene chloride	UG/L	3406-MW09R	7/14/1998	.3000	10.0000
Tetrachloroethene	UG/L	3406-MW09R	3/11/1996	1.0000	5.0000
Tetrachloroethene	UG/L	3406-MW09R	9/17/1996	.5000	5.0000
Tetrachloroethene	UG/L	3406-MW09R	1/22/1997	1.0000	5.0000
Tetrachloroethene	UG/L	3406-MW09R	6/05/1997	1.0000	5.0000
Tetrachloroethene	UG/L	3406-MW09R	10/16/1997	1.0000	5.0000
Tetrachloroethene	UG/L	3406-MW09R	1/27/1998	.6000	5.0000
Tetrachloroethene	UG/L	3406-MW09R	7/14/1998	.3000	5.0000
Toluene	UG/L	3406-MW09R	9/17/1996	.6000	5.0000
Toluene	UG/L	3406-MW09R	1/22/1997	2.0000	5.0000
Toluene	UG/L	3406-MW09R	6/05/1997	4.0000	5.0000
Total xylenes	UG/L	3406-MW09R	9/17/1996	1.0000	5.0000
Total xylenes	UG/L	3406-MW09R	1/22/1997	2.0000	5.0000
Trichloroethene	UG/L	3406-MW09R	3/11/1996	.5000	5.0000
Trichloroethene	UG/L	3406-MW09R	9/17/1996	1.0000	5.0000
Trichloroethene	UG/L	3406-MW09R	1/22/1997	2.0000	5.0000
Trichloroethene	UG/L	3406-MW09R	6/05/1997	1.0000	5.0000
Trichloroethene	UG/L	3406-MW09R	10/16/1997	2.0000	5.0000
Trichloroethene	UG/L	3406-MW09R	1/27/1998	2.0000	5.0000
Trichloroethene	UG/L	3406-MW09R	7/14/1998	.2000	5.0000
Vinyl chloride	UG/L	3406-MW09R	3/11/1996	.5000	10.0000
Vinyl chloride	UG/L	3406-MW09R	9/17/1996	1.0000	10.0000
Vinyl chloride	UG/L	3406-MW09R	1/22/1997	2.0000	10.0000
Vinyl chloride	UG/L	3406-MW09R	6/05/1997	1.0000	10.0000
Vinyl chloride	UG/L	3406-MW09R	10/16/1997	1.0000	10.0000
Vinyl chloride	UG/L	3406-MW09R	1/27/1998	.6000	10.0000
Chloromethane	UG/L	3406-MW10	3/05/1996	.8000	10.0000
Acetone	UG/L	3406-MW11	3/11/1996	8.0000	100.0000
Acetone	UG/L	3406-MW11D	12/07/1994	110.0000	34.0000
Chloromethane	UG/L	3406-MW12D	11/18/1994	.9000	10.0000
Chloromethane	UG/L	3406-MW12D	12/06/1994	.6000	10.0000
Methylene chloride	UG/L	3406-MW12D	7/16/1998	.2000	10.0000
Acetone	UG/L	3406-T01	1/24/2007	1300.0000	1300.0000
Ethylbenzene	UG/L	3406-T01	1/24/2007	15.0000	10.0000
Toluene	UG/L	3406-T01	1/24/2007	69.0000	10.0000
Total xylenes	UG/L	3406-T01	1/24/2007	33.0000	8.0000

Detections are shown for constituents selected in the VOC list and all selected wells
The Limit column refers to the laboratory reporting limit

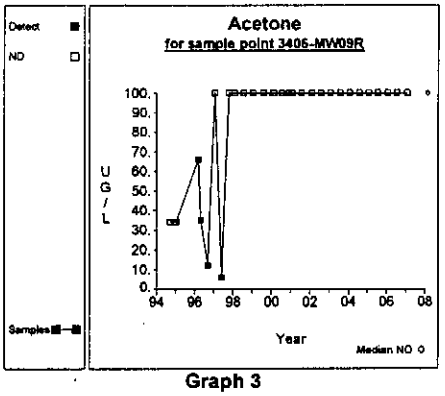
Time Series



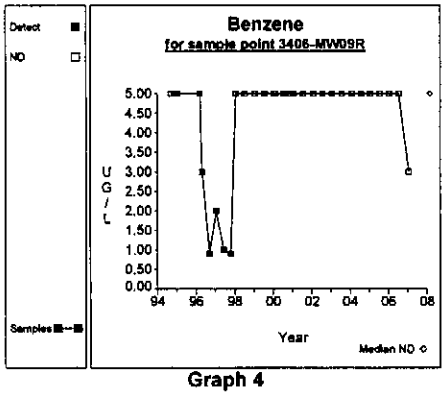
Graph 1



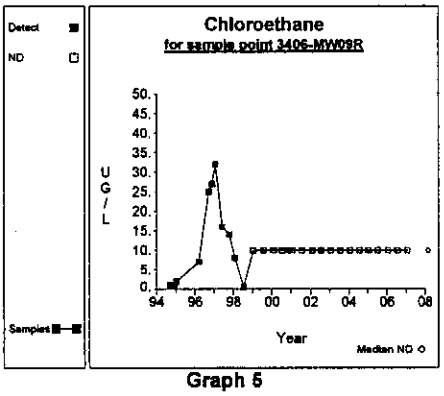
Graph 2



Graph 3



Graph 4



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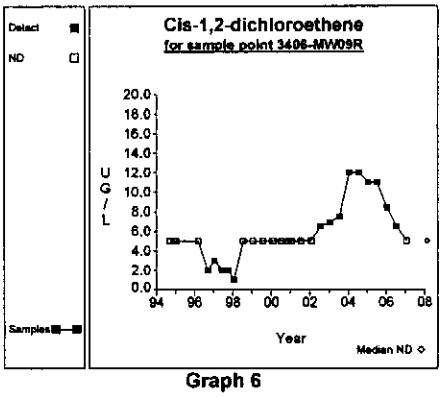
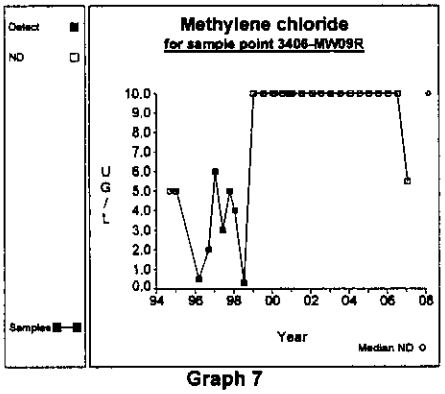
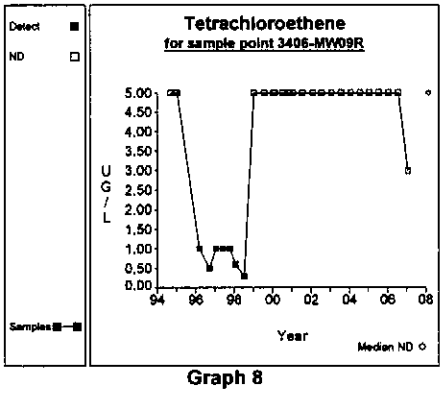


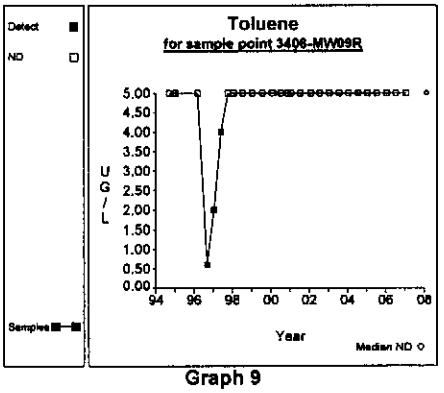
Graph 6



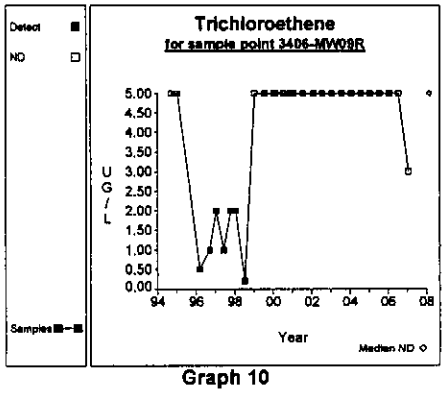
Graph 7



Graph 8



Graph 9



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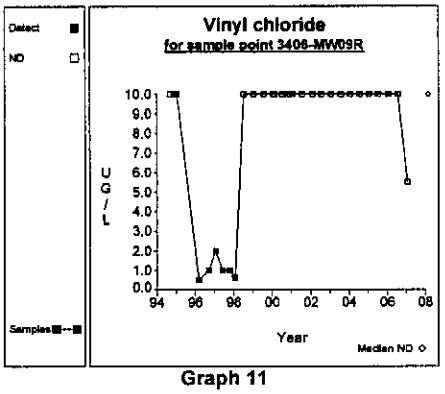

Graph 11

APPENDIX 3

GROUNDWATER FLOW REGIME REPORT

Piedmont Landfill & Recycling Center

Appendix 3: Groundwater Flow Regime Report - January 2007

On behalf of Waste Management we have reviewed groundwater flow rates and flow directions at the Piedmont Landfill for the January 2007 groundwater sampling event. The groundwater flow and direction calculations presented in this report are based on groundwater elevation data obtained by Joyce Engineering, Inc. during the semiannual sampling event performed on January 22-24, 2007. The information provided in this report will satisfy, in part, the environmental reporting requirements of Piedmont Landfill's Municipal Solid Waste Permit.

The groundwater level measurements taken during the above referenced sampling event were used to construct the groundwater surface contour map attached to this report as *Drawing No. 1*. A summary of groundwater elevations obtained during this and previous sampling events is provided in *Table 2*. The potentiometric contours and the groundwater flow directions presented in *Drawing No. 1* were used to calculate hydraulic gradients for the site. The hydraulic gradient calculations are provided in *Table 3*. The hydraulic gradients (**i**) ranged from 0.024 ft/ft to 0.026 ft/ft. These gradients are generally consistent with past interpretations for the site.

An effective porosity value (**n**) of 41 percent was used in the equation based on an average of six laboratory-derived porosities as reported in the April 1994 *Design Hydrogeologic Study*, prepared by RUST Environment & Infrastructure. Hydraulic conductivities (**K**) were also taken from the *Design Hydrogeologic Study*, and were based on slug test data from piezometers originally located nearest the respective groundwater flow paths. Using these data, the average linear flow velocity (**V**) across the site was estimated using the following modified Darcy equation: $\mathbf{V = i\,K/n}$

The groundwater flow rates for January 2007 were on average approximately 13.5 feet/year. The flow rates were calculated as follows: Segment i_1 was 18.97 feet/year to the north-northwest; Segment i_2 was 11.10 feet/year to the northwest; and Segment i_3 was 10.37 feet/year to the west. As shown on the groundwater surface contour map, groundwater flow at the site is generally west to northwest. These groundwater flow directions and velocities are consistent with those calculated during other recent events.

In summary, the groundwater measurements obtained during the January 2007 event are generally consistent with those obtained during previous sampling events. Based on this information, it is our opinion that the groundwater monitoring system continues to be adequate for the detection of the release of solid waste constituents to the environment.

Prepared by:

ENGINEERING, INC.

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

NORTH CAROLINA LICENSED SEAL 1849 GEOLOGIST G. VAN NESS BURBACH

Prepared by: G. Van Ness Burbach, Ph.D., P.G.

Attachments: Drawing No. 1 – Groundwater Surface Contour Map
Table 2 – Summary of Monitoring Well Water Levels
Table 3 – Groundwater Flow Rate Calculations

Table 2
PIEDMONT LANDFILL AND RECYCLING CENTER
SUMMARY OF MONITORING WELL WATER LEVELS
January 2007

DATA	MONITORING WELL WATER LEVEL ELEVATIONS															
Well No.:	**MW-01**	**MW-02**	**MW-03**	**MW-04**	**MW-04D**	**MW-05**	**MW-06**	**MW-07**	**MW-08**	**MW-09**	**MW-09R**	**MW-10**	**MW-11**	**MW-11D**	**MW-12**	**MW-12D**
Well TOC Elevation:	**823.93**	**778.04**	**770.08**	**756.92**	**757.33**	**743.17**	**800.82**	**771.57**	**748.95**	**770.62**	**764.95**	**777.2**	**776.8**	**776.36**	**751.48**	**751.53**
Well Depth:	**49**	**25.5**	**38**	**27**	**62**	**20.5**	**29.6**	**31.3**	**18.8**	**35**	**42.95**	**38**	**35**	**93.5**	**18**	**43.3**
30-Jan-1998	781.82	750.71	746.26	745.46	745.46	738.49	779.84	744.32	744.30	737.47	NA	744.42	749.08	747.66	746.58	747.05
21-Jul-1998	784.78	750.06	746.76	743.92	743.78	737.14	781.04	745.07	741.20	738.96	NA	744.35	748.95	748.58	745.88	746.11
14-Jan-1999	780.98	749.16	744.91	744.27	744.16	737.60	777.86	743.57	742.68	736.62	NA	743.63	748.09	747.74	745.93	746.11
27-Jul-1999	780.48	749.08	744.86	743.26	743.28	734.04	777.52	743.92	740.53	737.12	NA	743.62	748.05	747.75	745.53	745.68
20-Jan-2000	780.30	748.51	744.83	744.77	744.43	737.82	777.27	743.87	743.18	NA	737.14	743.90	748.36	747.97	746.28	746.53
12-Jul-2001	780.10	748.73	745.30	742.88	743.06	737.08	776.81	744.25	740.40	NA	738.12	743.66	747.77	747.44	745.45	745.71
24-Jan-2001	778.93	748.91	744.43	744.69	744.73	737.72	775.84	743.40	743.41	NA	737.35	743.49	747.85	747.54	746.06	746.54
17,18-Jul-2001	779.59	748.41	744.61	742.72	742.78	736.76	776.08	743.92	739.99	NA	737.77	743.35	749.45	747.09	745.45	745.40
30,31-Jan-2002	777.29	748.14	743.08	743.09	743.49	737.37	773.72	742.57	742.17	NA	736.40	742.74	747.35	747.03	745.14	742.42
17,18-Jul-2002	776.47	747.29	742.88	741.80	741.93	736.48	772.97	742.57	738.97	NA	735.86	742.30	746.54	746.21	744.27	744.44
20,21-Jan-2003	777.12	748.14	745.45	743.87	743.96	737.40	775.08	744.06	742.51	NA	738.06	743.60	748.05	746.57	745.50	745.92
23,24-Jul-2003	782.10	749.48	748.08	743.92	743.83	738.07	778.39	745.53	742.74	NA	741.80	744.60	748.40	748.16	745.83	746.08
21,22-Jan-2004	781.75	748.89	746.57	743.77	743.84	737.36	778.02	744.37	742.30	NA	739.10	743.91	747.86	747.47	745.87	746.07
27,28-Jul-2004	780.80	748.24	745.18	742.27	742.43	736.77	776.65	743.96	739.65	NA	738.45	743.37	747.26	746.96	745.03	745.31
19,20-Jan-2005	780.38	749.11	745.43	744.35	744.37	737.97	777.46	744.56	743.35	NA	739.05	744.95	748.39	747.75	746.02	746.39
11,12,13-Jul-2005	780.55	748.59	744.82	742.81	742.87	735.22	777.51	744.96	740.87	NA	739.20	744.51	747.60	747.26	745.21	745.43
16,17,18-Jan-2006	778.76	748.58	744.75	744.03	744.13	737.77	776.53	744.19	743.40	NA	737.95	744.21	747.70	747.36	745.73	746.09
10,11,12-Jul-2006	779.27	748.17	744.47	743.69	743.58	737.39	776.09	744.08	741.90	NA	738.07	744.00	747.05	746.76	745.51	745.77
22, 23, 24-Jan-2007	781.16	749.52	745.64	744.30	744.30	738.22	778.37	745.67	743.79	NA	739.33	745.14	748.40	747.94	745.95	746.33

Notes:
1. All depths were measured from the top of the PVC casing (TOC).
2. TOC = Top of PVC casing (stick-up).
3. TOC elevation for MW-02 is revised; improvements were made to the well in July 2001 prior to sampling.
4. All water level elevations are reported in feet above mean sea level.
5. NA = not available

TABLE 3
Piedmont Landfill and Recyling Center
GROUNDWATER FLOW RATE CALCULATIONS
January 2007

GRADIENT CALCULATION SEGMENT	HYDRAULIC CONDUCTIVITY (K, cm/s)	EFFECTIVE POROSITY (n, unitless)	FLOW SEGMENT LENGTH (ft)	FLOW DIRECTION	January 22-24, 2007		
					Elevation (ft AMSL)	Gradient (i, ft/ft)	Velocity (V, ft/yr)
i_1	2.90E-04	0.41	1157	NNW	775 / 745	0.026	18.98
i_2	1.70E-04	0.41	1160	NW	775 / 745	0.026	11.10
i_3	1.70E-04	0.41	1242	W	775 / 745	0.024	10.37
					AVERAGES:	0.025	13.49

Note:

1. An effective porosity ("n") of 41% was based on average laboratory-derived porosity as reported in the April 1994 Design Hydrogeologic Study, prepared by RUST Environment & Infrastructure.
2. Hydraulic conductivities ("K") were also taken from the Design Hydrogeologic Study, and were based on slug test data from piezometers originally located nearest the respective groundwater flow paths.
3. $V = i K / n$
4. Refer to associated letter for further explanation of flow rate calculations.

DENR USE ONLY: ☑ Paper Report ☑ Electronic Data - Email CD (data loaded: Yes / No) Doc/Event #: RCO 2174

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

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

Instructions:

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

Solid Waste Monitoring Data Submittal Information

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

Waste Management of Carolinas, Inc.

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

Name: Van Burbach, Joyce Engineering, Inc. 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 Road Kernersville, North Carolina	34-06	.1600	January 22 - 24, 2007

Environmental Status: (Check all that apply)

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

Type of data submitted: (Check all that apply)

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

Notification attached?

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

Certification

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

Mark R. Snyder, PE — Project Manager, Closed Sites — (770) 805-3529

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

Signature — 3/19/07 Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

Revised 01/2007

RC02174

WASTE MANAGEMENT

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

March 19, 2007

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

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

Dear Mr. Poindexter:

Please find enclosed one (1) original copy of a report documenting the *First Semiannual Detection and Assessment Groundwater Monitoring Event for 2007* at the above referenced facility. Samples were collected by Joyce Engineering, Inc. on January 22 - 24, 2007, and subsequently transported to the Severn Trent Services laboratory in Denver, Colorado for analyses.

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

It should be noted that this monitoring event is the first reported after the North Carolina Solid Waste Reporting Limits (SWRL) became effective on December 1, 2006. All analytical work was completed prior to the Solid Waste Section (Section) issuing its February 23, 2007, addendum to the October 27, 2006, guidance. Hence, this report references nomenclature in effect at the time of sampling. Furthermore, the analytical reports have been prepared in accordance with Waste Management comments dated December 1, 2006, and the Section's response to those comments dated December 27, 2006.

The next sampling event at the Piedmont Landfill and Recycling Center is scheduled for the month of July 2007. If you have any questions regarding the contents of this report or require additional information, please contact me at (770) 805-3529.

Sincerely,

Waste Management of Carolinas, Inc.

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

enclosure

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