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RCO822

WASTE MANAGEMENT

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

September 13, 2006

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

Re: Second 2006 Semiannual Detection and Assessment Groundwater Monitoring Event
Piedmont Landfill and Recycling Center, Kernersville, North Carolina
Permit Number 34-06

Dear Mr. Poindexter:

Please find enclosed one (1) original copy of a report documenting the *Second Semiannual Detection and Assessment Groundwater Monitoring Event for 2006* at the above referenced facility. Samples were collected by Joyce Engineering, Inc. on July 10 – 12, 2006, 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.

The next sampling event at the Piedmont Landfill and Recycling Center is scheduled for the month of January 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

Received
SEP 2006
Waste Management

enclosure

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

RC0822

Prepared For:

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

WASTE MANAGEMENT

Piedmont Landfill & Recycling Center
Second Semiannual Detection and Assessment
Groundwater Monitoring Event For 2006

September 2006

Prepared By:

JOYCE ENGINEERING, INC.

2301 West Meadowview Road, Suite 203
Greensboro, North Carolina 27407
(336) 323-0092

Piedmont Landfill & Recycling Center
Second Semiannual Detection and Assessment Groundwater Monitoring Event For 2006

September 2006

Prepared by:

ENGINEERING, INC.

2301 West Meadowview Road, Suite 203
Greensboro, North Carolina 27407

NORTH CAROLINA LICENSED SEAL 1349 GEOLOGIST G. VAN NESS BURBACH

Prepared by: _____

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

Reviewed by: _____

Jeremey J. Kerly

ENGINEERING, INC.

Waste Industry Experts

Henderson Building
Suite 203
2301 W Meadowview Rd
Greensboro, NC 27407

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

www.JoyceEngineering.com

September 11, 2006

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

RE: Second Semiannual Detection and Assessment Groundwater Monitoring Event for 2006
Piedmont Landfill & Recycling Center
Permit Number 34-06
JEI Project No. 392.00, Task 55

Dear Mark,

The purpose of this report is to provide you with a complete submittal to satisfy the groundwater monitoring compliance requirements for the closed Piedmont Landfill and Recycling Center's second semiannual groundwater monitoring event of 2006, performed on July 10-12, 2006. During this semiannual event, all of the site compliance wells and surface water monitoring points were sampled and analyzed for the NC Appendix I list of constituents; except for MW-9R, which was sampled for the NC Appendix II list of constituents. The site leachate was also sampled during this event for the required list of parameters. The laboratory analytical reports, field data sheets, and chain of custodies 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 plus detected Appendix II constituents during the first semiannual event and NC Appendix II list of constituents during the second semiannual event as long as statistically significant increases continue to be present.

STATISTICAL ANALYSIS SUMMARY

The results of the statistical analysis of the July 2006 groundwater monitoring 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 or practical quantitation limits (PQLs = laboratory reporting limits).

Detection Monitoring Event

MW-1, -2, -3, -4, -5, -6, -7, -8, -10, -11, -12, -4D, -11D, -12D and Surface Water Sampling Points:

During the July 2006 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.

Inorganic Constituents

No Appendix I inorganic constituents were detected in any detection monitoring well or surface water sample during the July 2006 sampling event.

Organic Constituents

There were no organic constituents detected in any of the detection monitoring wells or surface water samples during the July 2006 sampling event. These results are consistent with historical results.

Assessment Monitoring Event

MW-9R:

During the second semiannual event of 2006, MW-9R was sampled for the NC Appendix II list of constituents. The analytical results for the July 2006 event are provided in *Appendix 1-Part 3* to this letter report.

Inorganic Constituents

There were no Appendix II inorganic constituents detected above the laboratory reporting limits in well MW-9R during the July 2006 sampling event.

Organic Constituents

Organic constituents 1,1-dichloroethane and cis-1,2-dichloroethene were detected above the laboratory reporting limits in well MW-9R at concentrations below their respective NC 2L Standards during the July 2006 event, 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.

Two organic compounds (chloroethane and 1,1-dichloroethane) have historically been detected in monitoring well MW-9. Monitoring well MW-9 was replaced in November 1999 with well MW-9R. 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. No chloroethane concentration above the laboratory reporting limit has been detected in replacement well MW-9R since the well was installed in November 1999. The reduction of chloroethane is attributed to the landfill gas extraction system withdrawing the landfill gas from the vadose zone surrounding MW-9R.

The concentration of 1,1-dichloroethane in MW-9 also decreased below the laboratory reporting limit during the July 1998 sampling event; however, 1,1-dichloroethane was detected in replacement well MW-9R at a concentration of 23 µg/L during the initial sampling event conducted in January 2000. The concentration has remained relatively constant during recent events, ranging in concentration from 7 µg/L to 28 µg/L. During the July 2006 event, 1,1-dichloroethane was detected at 11 µg/L.

The constituent cis-1,2-dichloroethene in MW-9R was detected above the laboratory reporting limit for the first time during the July 2002 event at a concentration of 6.5 µg/L. This constituent was detected at a similar concentration of 6.5 µg/L during the July 2006 event.

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

SUBMITTAL OF LEACHATE ANALYTICAL DATA

Appendix 1-Part 4 to this report contains the leachate monitoring results for July 2006 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 July 2006 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 monitoring event for the closed Piedmont Landfill and Recycling Center will be in January 2007. If you have any questions, feel free to contact me at (336) 323-0092.

Sincerely,
JOYCE ENGINEERING, INC.

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

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

TABLE

Table 1
PIEDMONT LANDFILL AND RECYCLING CENTER
SUMMARY OF DETECTED CONSTITUENTS FOR GROUNDWATER AND SURFACE WATER
July 2006

Parameter [NC 2L in µg/L]	RL	MW-9R	Blanks
1,1-Dichloroethane [700]	5.0	11	ND
cis-1,2-Dichloroethene [70]	5.0	6.5	ND

Notes:

1. ND = not detected above reporting limit
2. RL = laboratory reporting limit (= NC PQL)
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 Compliance Wells
(MW-1, -2, -3, -4, -4D, -5, -6, -7, -8, -10, -11, -11D, -12, -12D)

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 #: D6G130385

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

July 28, 2006

RECEIVED JUL 31 2006

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.*

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

Case Narrative

Enclosed is the report for sixteen samples received at STL Denver on July 13, 2006. 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 D6G130385

Sample Receiving

The cooler temperatures upon receipt at the Denver laboratory were 4.7°C and 4.7°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 #: D6G130385

Organics

The Method 8260B surrogate recovery of 4-Bromofluorobenzene was above control limits for sample 01FB. However, because the data are considered to be biased high and all target analytes in the sample were non-detect, corrective action was deemed unnecessary.

Inorganics

The bracketing Continuing Calibration Verification Samples (CCV) were above control limits for Total Beryllium during Method 6020 analysis. However, since the data are considered to be biased high and Total Beryllium was not detected in the associated samples, corrective action was deemed unnecessary.

EXECUTIVE SUMMARY - Detection Highlights

D6G130385

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
NO DETECTABLE PARAMETERS				

PREPARATION METHODS SUMMARY

D6G130385

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

D6G130385

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

D6G130385

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

D6G130385

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
H87Q6	001	MW01	07/11/06	09:35
H87Q9	002	MW02	07/11/06	12:45
H87RC	003	MW03	07/12/06	11:40
H87RE	004	MW04	07/11/06	10:25
H87RG	005	MW04D	07/11/06	11:20
H87RJ	006	MW05	07/12/06	09:40
H87RK	007	MW06	07/11/06	08:40
H87RM	008	MW07	07/11/06	16:00
H87RP	009	MW08	07/12/06	08:35
H87RR	010	MW10	07/11/06	15:15
H87RV	011	MW11	07/11/06	14:30
H87RW	012	MW11D	07/11/06	13:50
H87R0	013	MW12	07/10/06	16:30
H87R1	014	MW12D	07/10/06	17:15
H87R2	015	01FB	07/12/06	15:15
H87R4	016	TRIP BLANK	07/12/06	

NOTE(S):

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

Waste Management, Inc.

Client Sample ID: MW01

GC/MS Volatiles

Lot-Sample #...: D6G130385-001 **Work Order #...:** H87Q61AA **Matrix.....:** WATER
Date Sampled...: 07/11/06 09:35 **Date Received..:** 07/13/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 14:59
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: MW01

GC/MS Volatiles

Lot-Sample #...: D6G130385-001 **Work Order #...:** H87Q61AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(79 - 119)
1,2-Dichloroethane-d4	112	(65 - 126)
4-Bromofluorobenzene	108	(75 - 115)
Toluene-d8	105	(78 - 118)

Waste Management, Inc.

Client Sample ID: MW02

GC/MS Volatiles

Lot-Sample #...: D6G130385-002 **Work Order #...:** H87Q91AA **Matrix.....:** WATER
Date Sampled...: 07/11/06 12:45 **Date Received..:** 07/13/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 10:18
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: MW02

GC/MS Volatiles

Lot-Sample #...: D6G130385-002 **Work Order #...:** H87Q91AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(79 - 119)
1,2-Dichloroethane-d4	97	(65 - 126)
4-Bromofluorobenzene	101	(75 - 115)
Toluene-d8	106	(78 - 118)

Waste Management, Inc.

Client Sample ID: MW03

GC/MS Volatiles

Lot-Sample #...: D6G130385-003 **Work Order #...:** H87RC1AA **Matrix.....:** WATER
Date Sampled...: 07/12/06 11:40 **Date Received..:** 07/13/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 10:37
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: MW03

GC/MS Volatiles

Lot-Sample #...: D6G130385-003 **Work Order #...:** H87RC1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(79 - 119)
1,2-Dichloroethane-d4	101	(65 - 126)
4-Bromofluorobenzene	109	(75 - 115)
Toluene-d8	107	(78 - 118)

Waste Management, Inc.

Client Sample ID: MW04

GC/MS Volatiles

Lot-Sample #...: D6G130385-004 **Work Order #...:** H87RE1AA **Matrix.....:** WATER
Date Sampled...: 07/11/06 10:25 **Date Received..:** 07/13/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 10:55
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L

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Waste Management, Inc.

Client Sample ID: MW04

GC/MS Volatiles

Lot-Sample #...: D6G130385-004 **Work Order #...:** H87RE1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	109	(79 - 119)
1,2-Dichloroethane-d4	99	(65 - 126)
4-Bromofluorobenzene	98	(75 - 115)
Toluene-d8	99	(78 - 118)

Waste Management, Inc.

Client Sample ID: MW04D

GC/MS Volatiles

Lot-Sample #...: D6G130385-005 **Work Order #...:** H87RG1AA **Matrix.....:** WATER
Date Sampled...: 07/11/06 11:20 **Date Received..:** 07/13/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 11:14
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L

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Waste Management, Inc.

Client Sample ID: MW04D

GC/MS Volatiles

Lot-Sample #...: D6G130385-005 **Work Order #...:** H87RG1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L

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

Waste Management, Inc.

Client Sample ID: MW05

GC/MS Volatiles

Lot-Sample #...: D6G130385-006 **Work Order #...:** H87RJ1AA **Matrix.....:** WATER
Date Sampled...: 07/12/06 09:40 **Date Received..:** 07/13/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 11:33
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: MW05

GC/MS Volatiles

Lot-Sample #...: D6G130385-006 **Work Order #...:** H87RJ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	111	(79 - 119)
1,2-Dichloroethane-d4	103	(65 - 126)
4-Bromofluorobenzene	108	(75 - 115)
Toluene-d8	114	(78 - 118)

Waste Management, Inc.

Client Sample ID: MW06

GC/MS Volatiles

Lot-Sample #...: D6G130385-007 **Work Order #...:** H87RK1AA **Matrix.....:** WATER
Date Sampled...: 07/11/06 08:40 **Date Received..:** 07/13/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 11:51
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: MW06

GC/MS Volatiles

Lot-Sample #...: D6G130385-007 **Work Order #...:** H87RK1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(79 - 119)
1,2-Dichloroethane-d4	105	(65 - 126)
4-Bromofluorobenzene	99	(75 - 115)
Toluene-d8	103	(78 - 118)

Waste Management, Inc.

Client Sample ID: MW07

GC/MS Volatiles

Lot-Sample #...: D6G130385-008 **Work Order #...:** H87RM1AA **Matrix.....:** WATER
Date Sampled...: 07/11/06 16:00 **Date Received..:** 07/13/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 12:10
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: MW07

GC/MS Volatiles

Lot-Sample #...: D6G130385-008 **Work Order #...:** H87RM1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(79 - 119)
1,2-Dichloroethane-d4	100	(65 - 126)
4-Bromofluorobenzene	106	(75 - 115)
Toluene-d8	101	(78 - 118)

Waste Management, Inc.

Client Sample ID: MW08

GC/MS Volatiles

Lot-Sample #...: D6G130385-009 **Work Order #...:** H87RP1AA **Matrix.....:** WATER
Date Sampled...: 07/12/06 08:35 **Date Received..:** 07/13/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 12:29
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: MW08

GC/MS Volatiles

Lot-Sample #...: D6G130385-009 **Work Order #...:** H87RP1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(79 - 119)
1,2-Dichloroethane-d4	104	(65 - 126)
4-Bromofluorobenzene	95	(75 - 115)
Toluene-d8	107	(78 - 118)

Waste Management, Inc.

Client Sample ID: MW10

GC/MS Volatiles

Lot-Sample #...: D6G130385-010 **Work Order #...:** H87RR1AA **Matrix.....:** WATER
Date Sampled...: 07/11/06 15:15 **Date Received..:** 07/13/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 12:48
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: MW10

GC/MS Volatiles

Lot-Sample #...: D6G130385-010 **Work Order #...:** H87RR1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(79 - 119)
1,2-Dichloroethane-d4	94	(65 - 126)
4-Bromofluorobenzene	103	(75 - 115)
Toluene-d8	99	(78 - 118)

Waste Management, Inc.

Client Sample ID: MW11

GC/MS Volatiles

Lot-Sample #...: D6G130385-011 **Work Order #...:** H87RV1AA **Matrix.....:** WATER
Date Sampled...: 07/11/06 14:30 **Date Received..:** 07/13/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 13:06
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L

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Waste Management, Inc.

Client Sample ID: MW11

GC/MS Volatiles

Lot-Sample #...: D6G130385-011 **Work Order #...:** H87RV1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(79 - 119)
1,2-Dichloroethane-d4	104	(65 - 126)
4-Bromofluorobenzene	108	(75 - 115)
Toluene-d8	104	(78 - 118)

Waste Management, Inc.

Client Sample ID: MW11D

GC/MS Volatiles

Lot-Sample #...: D6G130385-012 **Work Order #...:** H87RW1AA **Matrix.....:** WATER
Date Sampled...: 07/11/06 13:50 **Date Received..:** 07/13/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 13:25
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L

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Waste Management, Inc.

Client Sample ID: MW11D

GC/MS Volatiles

Lot-Sample #...: D6G130385-012 **Work Order #...:** H87RW1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	118	(79 - 119)
1,2-Dichloroethane-d4	109	(65 - 126)
4-Bromofluorobenzene	112	(75 - 115)
Toluene-d8	108	(78 - 118)

Waste Management, Inc.

Client Sample ID: MW12

GC/MS Volatiles

Lot-Sample #...: D6G130385-013 **Work Order #...:** H87R01AA **Matrix.....:** WATER
Date Sampled...: 07/10/06 16:30 **Date Received..:** 07/13/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 13:44
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L

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Waste Management, Inc.

Client Sample ID: MW12

GC/MS Volatiles

Lot-Sample #...: D6G130385-013 **Work Order #...:** H87R01AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(79 - 119)
1,2-Dichloroethane-d4	106	(65 - 126)
4-Bromofluorobenzene	109	(75 - 115)
Toluene-d8	116	(78 - 118)

Waste Management, Inc.

Client Sample ID: MW12D

GC/MS Volatiles

Lot-Sample #...: D6G130385-014 **Work Order #...:** H87R11AA **Matrix.....:** WATER
Date Sampled...: 07/10/06 17:15 **Date Received..:** 07/13/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 14:03
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L

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Waste Management, Inc.

Client Sample ID: MW12D

GC/MS Volatiles

Lot-Sample #...: D6G130385-014 **Work Order #...:** H87R11AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(79 - 119)
1,2-Dichloroethane-d4	102	(65 - 126)
4-Bromofluorobenzene	111	(75 - 115)
Toluene-d8	104	(78 - 118)

Waste Management, Inc.

Client Sample ID: 01FB

GC/MS Volatiles

Lot-Sample #...: D6G130385-015 **Work Order #...:** H87R21AA **Matrix.....:** WATER
Date Sampled...: 07/12/06 15:15 **Date Received..:** 07/13/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 14:21
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L

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Waste Management, Inc.

Client Sample ID: 01FB

GC/MS Volatiles

Lot-Sample #...: D6G130385-015 **Work Order #...:** H87R21AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	118	(79 - 119)
1,2-Dichloroethane-d4	113	(65 - 126)
4-Bromofluorobenzene	121 *	(75 - 115)
Toluene-d8	112	(78 - 118)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D6G130385-016 **Work Order #...:** H87R41AA **Matrix.....:** WATER
Date Sampled...: 07/12/06 **Date Received..:** 07/13/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 14:40
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D6G130385-016 **Work Order #...:** H87R41AA **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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	109	(79 - 119)
1,2-Dichloroethane-d4	107	(65 - 126)
4-Bromofluorobenzene	110	(75 - 115)
Toluene-d8	106	(78 - 118)

Waste Management, Inc.

Client Sample ID: MW01

TOTAL Metals

Lot-Sample #...: D6G130385-001 **Matrix.....:** WATER
Date Sampled...: 07/11/06 09:35 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195301						
Arsenic	ND	5.0	ug/L	SW846 6020	07/18-07/25/06	H87Q61AR
		Dilution Factor: 1		Analysis Time..: 19:25		
Beryllium	ND	2.0	ug/L	SW846 6020	07/18-07/25/06	H87Q61AT
		Dilution Factor: 1		Analysis Time..: 19:25		
Cadmium	ND	1.0	ug/L	SW846 6020	07/18-07/25/06	H87Q61AU
		Dilution Factor: 1		Analysis Time..: 19:25		
Prep Batch #...: 6195322						
Barium	ND	500	ug/L	SW846 6010B	07/18-07/19/06	H87Q61AD
		Dilution Factor: 1		Analysis Time..: 06:01		
Chromium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87Q61AE
		Dilution Factor: 1		Analysis Time..: 06:01		
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H87Q61AF
		Dilution Factor: 1		Analysis Time..: 06:01		
Nickel	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87Q61AG
		Dilution Factor: 1		Analysis Time..: 06:01		
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87Q61AH
		Dilution Factor: 1		Analysis Time..: 06:01		
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H87Q61AJ
		Dilution Factor: 1		Analysis Time..: 06:01		
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H87Q61AK
		Dilution Factor: 1		Analysis Time..: 06:01		
Thallium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87Q61AL
		Dilution Factor: 1		Analysis Time..: 06:01		
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H87Q61AM
		Dilution Factor: 1		Analysis Time..: 06:01		
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87Q61AN
		Dilution Factor: 1		Analysis Time..: 06:01		

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Waste Management, Inc.

Client Sample ID: MW01

TOTAL Metals

Lot-Sample #...: D6G130385-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87Q61AP
		Dilution Factor: 1		Analysis Time..: 06:01		
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87Q61AQ
		Dilution Factor: 1		Analysis Time..: 06:01		

Waste Management, Inc.

Client Sample ID: MW02

TOTAL Metals

Lot-Sample #...: D6G130385-002 **Matrix.....:** WATER
Date Sampled...: 07/11/06 12:45 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195301						
Arsenic	ND	5.0 Dilution Factor: 1	ug/L	SW846 6020 Analysis Time..: 19:29	07/18-07/25/06	H87Q91AR
Beryllium	ND	2.0 Dilution Factor: 1	ug/L	SW846 6020 Analysis Time..: 19:29	07/18-07/25/06	H87Q91AT
Cadmium	ND	1.0 Dilution Factor: 1	ug/L	SW846 6020 Analysis Time..: 19:29	07/18-07/25/06	H87Q91AU
Prep Batch #...: 6195322						
Barium	ND	500 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:16	07/18-07/19/06	H87Q91AD
Chromium	ND	10 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:16	07/18-07/19/06	H87Q91AE
Copper	ND	200 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:16	07/18-07/19/06	H87Q91AF
Nickel	ND	50 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:16	07/18-07/19/06	H87Q91AG
Lead	ND	10 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:16	07/18-07/19/06	H87Q91AH
Antimony	ND	30 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:16	07/18-07/19/06	H87Q91AJ
Selenium	ND	20 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:16	07/18-07/19/06	H87Q91AK
Thallium	ND	10 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:16	07/18-07/19/06	H87Q91AL
Vanadium	ND	40 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:16	07/18-07/19/06	H87Q91AM
Zinc	ND	50 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:16	07/18-07/19/06	H87Q91AN

(Continued on next page)

Waste Management, Inc.

Client Sample ID: MW02

TOTAL Metals

Lot-Sample #...: D6G130385-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87Q91AP
		Dilution Factor: 1		Analysis Time..: 06:16		
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87Q91AQ
		Dilution Factor: 1		Analysis Time..: 06:16		

Waste Management, Inc.

Client Sample ID: MW03

TOTAL Metals

Lot-Sample #...: D6G130385-003 **Matrix.....:** WATER
Date Sampled...: 07/12/06 11:40 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195301						
Arsenic	ND	5.0 Dilution Factor: 1	ug/L	SW846 6020 Analysis Time..: 19:54	07/18-07/25/06	H87RC1AR
Beryllium	ND	2.0 Dilution Factor: 1	ug/L	SW846 6020 Analysis Time..: 19:54	07/18-07/25/06	H87RC1AT
Cadmium	ND	1.0 Dilution Factor: 1	ug/L	SW846 6020 Analysis Time..: 19:54	07/18-07/25/06	H87RC1AU
Prep Batch #...: 6195322						
Barium	ND	500 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:22	07/18-07/19/06	H87RC1AD
Chromium	ND	10 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:22	07/18-07/19/06	H87RC1AE
Copper	ND	200 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:22	07/18-07/19/06	H87RC1AF
Nickel	ND	50 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:22	07/18-07/19/06	H87RC1AG
Lead	ND	10 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:22	07/18-07/19/06	H87RC1AH
Antimony	ND	30 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:22	07/18-07/19/06	H87RC1AJ
Selenium	ND	20 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:22	07/18-07/19/06	H87RC1AK
Thallium	ND	10 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:22	07/18-07/19/06	H87RC1AL
Vanadium	ND	40 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:22	07/18-07/19/06	H87RC1AM
Zinc	ND	50 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:22	07/18-07/19/06	H87RC1AN

(Continued on next page)

Waste Management, Inc.

Client Sample ID: MW03

TOTAL Metals

Lot-Sample #...: D6G130385-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RC1AP
		Dilution Factor: 1		Analysis Time..: 06:22		
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RC1AQ
		Dilution Factor: 1		Analysis Time..: 06:22		

Waste Management, Inc.

Client Sample ID: MW04

TOTAL Metals

Lot-Sample #...: D6G130385-004 **Matrix.....:** WATER
Date Sampled...: 07/11/06 10:25 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195301						
Arsenic	ND	5.0 Dilution Factor: 1	ug/L	SW846 6020 Analysis Time..: 19:58	07/18-07/25/06	H87RE1AR
Beryllium	ND	2.0 Dilution Factor: 1	ug/L	SW846 6020 Analysis Time..: 19:58	07/18-07/25/06	H87RE1AT
Cadmium	ND	1.0 Dilution Factor: 1	ug/L	SW846 6020 Analysis Time..: 19:58	07/18-07/25/06	H87RE1AU
Prep Batch #...: 6195322						
Barium	ND	500 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:27	07/18-07/19/06	H87RE1AD
Chromium	ND	10 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:27	07/18-07/19/06	H87RE1AE
Copper	ND	200 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:27	07/18-07/19/06	H87RE1AF
Nickel	ND	50 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:27	07/18-07/19/06	H87RE1AG
Lead	ND	10 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:27	07/18-07/19/06	H87RE1AH
Antimony	ND	30 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:27	07/18-07/19/06	H87RE1AJ
Selenium	ND	20 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:27	07/18-07/19/06	H87RE1AK
Thallium	ND	10 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:27	07/18-07/19/06	H87RE1AL
Vanadium	ND	40 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:27	07/18-07/19/06	H87RE1AM
Zinc	ND	50 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:27	07/18-07/19/06	H87RE1AN

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Waste Management, Inc.

Client Sample ID: MW04

TOTAL Metals

Lot-Sample #...: D6G130385-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RE1AP
		Dilution Factor: 1		Analysis Time..: 06:27		
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RE1AQ
		Dilution Factor: 1		Analysis Time..: 06:27		

Waste Management, Inc.

Client Sample ID: MW04D

TOTAL Metals

Lot-Sample #...: D6G130385-005 **Matrix.....:** WATER
Date Sampled...: 07/11/06 11:20 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195301						
Arsenic	ND	5.0	ug/L	SW846 6020	07/18-07/25/06	H87RG1AR
		Dilution Factor: 1		Analysis Time..: 20:09		
Beryllium	ND	2.0	ug/L	SW846 6020	07/18-07/25/06	H87RG1AT
		Dilution Factor: 1		Analysis Time..: 20:09		
Cadmium	ND	1.0	ug/L	SW846 6020	07/18-07/25/06	H87RG1AU
		Dilution Factor: 1		Analysis Time..: 20:09		
Prep Batch #...: 6195322						
Barium	ND	500	ug/L	SW846 6010B	07/18-07/19/06	H87RG1AD
		Dilution Factor: 1		Analysis Time..: 06:32		
Chromium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RG1AE
		Dilution Factor: 1		Analysis Time..: 06:32		
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H87RG1AF
		Dilution Factor: 1		Analysis Time..: 06:32		
Nickel	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87RG1AG
		Dilution Factor: 1		Analysis Time..: 06:32		
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RG1AH
		Dilution Factor: 1		Analysis Time..: 06:32		
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H87RG1AJ
		Dilution Factor: 1		Analysis Time..: 06:32		
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H87RG1AK
		Dilution Factor: 1		Analysis Time..: 06:32		
Thallium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RG1AL
		Dilution Factor: 1		Analysis Time..: 06:32		
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H87RG1AM
		Dilution Factor: 1		Analysis Time..: 06:32		
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87RG1AN
		Dilution Factor: 1		Analysis Time..: 06:32		

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Waste Management, Inc.

Client Sample ID: MW04D

TOTAL Metals

Lot-Sample #...: D6G130385-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RG1AP
		Dilution Factor: 1		Analysis Time..: 06:32		
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RG1AQ
		Dilution Factor: 1		Analysis Time..: 06:32		

Waste Management, Inc.

Client Sample ID: MW05

TOTAL Metals

Lot-Sample #...: D6G130385-006 **Matrix.....:** WATER
Date Sampled...: 07/12/06 09:40 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195301						
Arsenic	ND	5.0 Dilution Factor: 1	ug/L	SW846 6020 Analysis Time..: 20:12	07/18-07/25/06	H87RJ1AR
Beryllium	ND	2.0 Dilution Factor: 1	ug/L	SW846 6020 Analysis Time..: 20:12	07/18-07/25/06	H87RJ1AT
Cadmium	ND	1.0 Dilution Factor: 1	ug/L	SW846 6020 Analysis Time..: 20:12	07/18-07/25/06	H87RJ1AU
Prep Batch #...: 6195322						
Barium	ND	500 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:37	07/18-07/19/06	H87RJ1AD
Chromium	ND	10 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:37	07/18-07/19/06	H87RJ1AE
Copper	ND	200 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:37	07/18-07/19/06	H87RJ1AF
Nickel	ND	50 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:37	07/18-07/19/06	H87RJ1AG
Lead	ND	10 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:37	07/18-07/19/06	H87RJ1AH
Antimony	ND	30 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:37	07/18-07/19/06	H87RJ1AJ
Selenium	ND	20 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:37	07/18-07/19/06	H87RJ1AK
Thallium	ND	10 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:37	07/18-07/19/06	H87RJ1AL
Vanadium	ND	40 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:37	07/18-07/19/06	H87RJ1AM
Zinc	ND	50 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:37	07/18-07/19/06	H87RJ1AN

(Continued on next page)

Waste Management, Inc.

Client Sample ID: MW05

TOTAL Metals

Lot-Sample #...: D6G130385-006 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RJ1AP
		Dilution Factor: 1		Analysis Time..: 06:37		
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RJ1AQ
		Dilution Factor: 1		Analysis Time..: 06:37		

Waste Management, Inc.

Client Sample ID: MW06

TOTAL Metals

Lot-Sample #...: D6G130385-007 **Matrix.....:** WATER
Date Sampled...: 07/11/06 08:40 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195301						
Arsenic	ND	5.0 Dilution Factor: 1	ug/L	SW846 6020 Analysis Time..: 20:16	07/18-07/25/06	H87RK1AR
Beryllium	ND	2.0 Dilution Factor: 1	ug/L	SW846 6020 Analysis Time..: 20:16	07/18-07/25/06	H87RK1AT
Cadmium	ND	1.0 Dilution Factor: 1	ug/L	SW846 6020 Analysis Time..: 20:16	07/18-07/25/06	H87RK1AU
Prep Batch #...: 6195322						
Barium	ND	500 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:42	07/18-07/19/06	H87RK1AD
Chromium	ND	10 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:42	07/18-07/19/06	H87RK1AE
Copper	ND	200 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:42	07/18-07/19/06	H87RK1AF
Nickel	ND	50 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:42	07/18-07/19/06	H87RK1AG
Lead	ND	10 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:42	07/18-07/19/06	H87RK1AH
Antimony	ND	30 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:42	07/18-07/19/06	H87RK1AJ
Selenium	ND	20 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:42	07/18-07/19/06	H87RK1AK
Thallium	ND	10 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:42	07/18-07/19/06	H87RK1AL
Vanadium	ND	40 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:42	07/18-07/19/06	H87RK1AM
Zinc	ND	50 Dilution Factor: 1	ug/L	SW846 6010B Analysis Time..: 06:42	07/18-07/19/06	H87RK1AN

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Waste Management, Inc.

Client Sample ID: MW06

TOTAL Metals

Lot-Sample #...: D6G130385-007 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RK1AP
		Dilution Factor: 1		Analysis Time..: 06:42		
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RK1AQ
		Dilution Factor: 1		Analysis Time..: 06:42		

Waste Management, Inc.

Client Sample ID: MW07

TOTAL Metals

Lot-Sample #...: D6G130385-008 **Matrix.....:** WATER
Date Sampled...: 07/11/06 16:00 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195301						
Arsenic	ND	5.0	ug/L	SW846 6020	07/18-07/25/06	H87RM1AR
		Dilution Factor: 1		Analysis Time..: 20:19		
Beryllium	ND	2.0	ug/L	SW846 6020	07/18-07/25/06	H87RM1AT
		Dilution Factor: 1		Analysis Time..: 20:19		
Cadmium	ND	1.0	ug/L	SW846 6020	07/18-07/25/06	H87RM1AU
		Dilution Factor: 1		Analysis Time..: 20:19		
Prep Batch #...: 6195322						
Barium	ND	500	ug/L	SW846 6010B	07/18-07/19/06	H87RM1AD
		Dilution Factor: 1		Analysis Time..: 06:47		
Chromium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RM1AE
		Dilution Factor: 1		Analysis Time..: 06:47		
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H87RM1AF
		Dilution Factor: 1		Analysis Time..: 06:47		
Nickel	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87RM1AG
		Dilution Factor: 1		Analysis Time..: 06:47		
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RM1AH
		Dilution Factor: 1		Analysis Time..: 06:47		
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H87RM1AJ
		Dilution Factor: 1		Analysis Time..: 06:47		
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H87RM1AK
		Dilution Factor: 1		Analysis Time..: 06:47		
Thallium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RM1AL
		Dilution Factor: 1		Analysis Time..: 06:47		
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H87RM1AM
		Dilution Factor: 1		Analysis Time..: 06:47		
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87RM1AN
		Dilution Factor: 1		Analysis Time..: 06:47		

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Waste Management, Inc.

Client Sample ID: MW07

TOTAL Metals

Lot-Sample #...: D6G130385-008 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RM1AP
		Dilution Factor: 1		Analysis Time..: 06:47		
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RM1AQ
		Dilution Factor: 1		Analysis Time..: 06:47		

Waste Management, Inc.

Client Sample ID: MW08

TOTAL Metals

Lot-Sample #...: D6G130385-009 **Matrix.....:** WATER
Date Sampled...: 07/12/06 08:35 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195301						
Arsenic	ND	5.0	ug/L	SW846 6020	07/18-07/25/06	H87RP1AR
		Dilution Factor: 1		Analysis Time..: 20:30		
Beryllium	ND	2.0	ug/L	SW846 6020	07/18-07/25/06	H87RP1AT
		Dilution Factor: 1		Analysis Time..: 20:30		
Cadmium	ND	1.0	ug/L	SW846 6020	07/18-07/25/06	H87RP1AU
		Dilution Factor: 1		Analysis Time..: 20:30		
Prep Batch #...: 6195322						
Barium	ND	500	ug/L	SW846 6010B	07/18-07/19/06	H87RP1AD
		Dilution Factor: 1		Analysis Time..: 07:03		
Chromium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RP1AE
		Dilution Factor: 1		Analysis Time..: 07:03		
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H87RP1AF
		Dilution Factor: 1		Analysis Time..: 07:03		
Nickel	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87RP1AG
		Dilution Factor: 1		Analysis Time..: 07:03		
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RP1AH
		Dilution Factor: 1		Analysis Time..: 07:03		
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H87RP1AJ
		Dilution Factor: 1		Analysis Time..: 07:03		
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H87RP1AK
		Dilution Factor: 1		Analysis Time..: 07:03		
Thallium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RP1AL
		Dilution Factor: 1		Analysis Time..: 07:03		
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H87RP1AM
		Dilution Factor: 1		Analysis Time..: 07:03		
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87RP1AN
		Dilution Factor: 1		Analysis Time..: 07:03		

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Waste Management, Inc.

Client Sample ID: MW08

TOTAL Metals

Lot-Sample #...: D6G130385-009 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RP1AP
		Dilution Factor: 1		Analysis Time..: 07:03		
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RP1AQ
		Dilution Factor: 1		Analysis Time..: 07:03		

Waste Management, Inc.

Client Sample ID: MW10

TOTAL Metals

Lot-Sample #...: D6G130385-010 **Matrix.....:** WATER
Date Sampled...: 07/11/06 15:15 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195301						
Arsenic	ND	5.0	ug/L	SW846 6020	07/18-07/25/06	H87RR1AR
		Dilution Factor: 1		Analysis Time..: 20:34		
Beryllium	ND	2.0	ug/L	SW846 6020	07/18-07/25/06	H87RR1AT
		Dilution Factor: 1		Analysis Time..: 20:34		
Cadmium	ND	1.0	ug/L	SW846 6020	07/18-07/25/06	H87RR1AU
		Dilution Factor: 1		Analysis Time..: 20:34		
Prep Batch #...: 6195322						
Barium	ND	500	ug/L	SW846 6010B	07/18-07/19/06	H87RR1AD
		Dilution Factor: 1		Analysis Time..: 07:08		
Chromium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RR1AE
		Dilution Factor: 1		Analysis Time..: 07:08		
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H87RR1AF
		Dilution Factor: 1		Analysis Time..: 07:08		
Nickel	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87RR1AG
		Dilution Factor: 1		Analysis Time..: 07:08		
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RR1AH
		Dilution Factor: 1		Analysis Time..: 07:08		
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H87RR1AJ
		Dilution Factor: 1		Analysis Time..: 07:08		
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H87RR1AK
		Dilution Factor: 1		Analysis Time..: 07:08		
Thallium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RR1AL
		Dilution Factor: 1		Analysis Time..: 07:08		
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H87RR1AM
		Dilution Factor: 1		Analysis Time..: 07:08		
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87RR1AN
		Dilution Factor: 1		Analysis Time..: 07:08		

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Waste Management, Inc.

Client Sample ID: MW10

TOTAL Metals

Lot-Sample #...: D6G130385-010 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RR1AP
		Dilution Factor: 1		Analysis Time..: 07:08		
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RR1AQ
		Dilution Factor: 1		Analysis Time..: 07:08		

Waste Management, Inc.

Client Sample ID: MW11

TOTAL Metals

Lot-Sample #...: D6G130385-011 **Matrix.....:** WATER
Date Sampled...: 07/11/06 14:30 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195301						
Arsenic	ND	5.0	ug/L	SW846 6020	07/18-07/25/06	H87RV1AR
		Dilution Factor: 1		Analysis Time..: 20:37		
Beryllium	ND	2.0	ug/L	SW846 6020	07/18-07/25/06	H87RV1AT
		Dilution Factor: 1		Analysis Time..: 20:37		
Cadmium	ND	1.0	ug/L	SW846 6020	07/18-07/25/06	H87RV1AU
		Dilution Factor: 1		Analysis Time..: 20:37		
Prep Batch #...: 6195322						
Barium	ND	500	ug/L	SW846 6010B	07/18-07/19/06	H87RV1AD
		Dilution Factor: 1		Analysis Time..: 07:13		
Chromium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RV1AE
		Dilution Factor: 1		Analysis Time..: 07:13		
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H87RV1AF
		Dilution Factor: 1		Analysis Time..: 07:13		
Nickel	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87RV1AG
		Dilution Factor: 1		Analysis Time..: 07:13		
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RV1AH
		Dilution Factor: 1		Analysis Time..: 07:13		
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H87RV1AJ
		Dilution Factor: 1		Analysis Time..: 07:13		
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H87RV1AK
		Dilution Factor: 1		Analysis Time..: 07:13		
Thallium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RV1AL
		Dilution Factor: 1		Analysis Time..: 07:13		
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H87RV1AM
		Dilution Factor: 1		Analysis Time..: 07:13		
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87RV1AN
		Dilution Factor: 1		Analysis Time..: 07:13		

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Waste Management, Inc.

Client Sample ID: MW11

TOTAL Metals

Lot-Sample #...: D6G130385-011 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RV1AP
		Dilution Factor: 1		Analysis Time..: 07:13		
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RV1AQ
		Dilution Factor: 1		Analysis Time..: 07:13		

Waste Management, Inc.

Client Sample ID: MW11D

TOTAL Metals

Lot-Sample #...: D6G130385-012 **Matrix.....:** WATER
Date Sampled...: 07/11/06 13:50 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195301						
Arsenic	ND	5.0	ug/L	SW846 6020	07/18-07/25/06	H87RW1AR
		Dilution Factor: 1		Analysis Time..: 20:41		
Beryllium	ND	2.0	ug/L	SW846 6020	07/18-07/25/06	H87RW1AT
		Dilution Factor: 1		Analysis Time..: 20:41		
Cadmium	ND	1.0	ug/L	SW846 6020	07/18-07/25/06	H87RW1AU
		Dilution Factor: 1		Analysis Time..: 20:41		
Prep Batch #...: 6195322						
Barium	ND	500	ug/L	SW846 6010B	07/18-07/19/06	H87RW1AD
		Dilution Factor: 1		Analysis Time..: 07:18		
Chromium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RW1AE
		Dilution Factor: 1		Analysis Time..: 07:18		
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H87RW1AF
		Dilution Factor: 1		Analysis Time..: 07:18		
Nickel	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87RW1AG
		Dilution Factor: 1		Analysis Time..: 07:18		
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RW1AH
		Dilution Factor: 1		Analysis Time..: 07:18		
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H87RW1AJ
		Dilution Factor: 1		Analysis Time..: 07:18		
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H87RW1AK
		Dilution Factor: 1		Analysis Time..: 07:18		
Thallium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RW1AL
		Dilution Factor: 1		Analysis Time..: 07:18		
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H87RW1AM
		Dilution Factor: 1		Analysis Time..: 07:18		
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87RW1AN
		Dilution Factor: 1		Analysis Time..: 07:18		

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Waste Management, Inc.

Client Sample ID: MW11D

TOTAL Metals

Lot-Sample #...: D6G130385-012 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RW1AP
		Dilution Factor: 1		Analysis Time..: 07:18		
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87RW1AQ
		Dilution Factor: 1		Analysis Time..: 07:18		

Waste Management, Inc.

Client Sample ID: MW12

TOTAL Metals

Lot-Sample #...: D6G130385-013 **Matrix.....:** WATER
Date Sampled...: 07/10/06 16:30 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195301						
Arsenic	ND	5.0	ug/L	SW846 6020	07/18-07/25/06	H87R01AR
		Dilution Factor: 1		Analysis Time..: 20:44		
Beryllium	ND	2.0	ug/L	SW846 6020	07/18-07/25/06	H87R01AT
		Dilution Factor: 1		Analysis Time..: 20:44		
Cadmium	ND	1.0	ug/L	SW846 6020	07/18-07/25/06	H87R01AU
		Dilution Factor: 1		Analysis Time..: 20:44		
Prep Batch #...: 6195322						
Barium	ND	500	ug/L	SW846 6010B	07/18-07/19/06	H87R01AD
		Dilution Factor: 1		Analysis Time..: 07:23		
Chromium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87R01AE
		Dilution Factor: 1		Analysis Time..: 07:23		
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H87R01AF
		Dilution Factor: 1		Analysis Time..: 07:23		
Nickel	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87R01AG
		Dilution Factor: 1		Analysis Time..: 07:23		
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87R01AH
		Dilution Factor: 1		Analysis Time..: 07:23		
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H87R01AJ
		Dilution Factor: 1		Analysis Time..: 07:23		
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H87R01AK
		Dilution Factor: 1		Analysis Time..: 07:23		
Thallium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87R01AL
		Dilution Factor: 1		Analysis Time..: 07:23		
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H87R01AM
		Dilution Factor: 1		Analysis Time..: 07:23		
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87R01AN
		Dilution Factor: 1		Analysis Time..: 07:23		

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Waste Management, Inc.

Client Sample ID: MW12

TOTAL Metals

Lot-Sample #...: D6G130385-013 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87R01AP
		Dilution Factor: 1		Analysis Time..: 07:23		
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87R01AQ
		Dilution Factor: 1		Analysis Time..: 07:23		

Waste Management, Inc.

Client Sample ID: MW12D

TOTAL Metals

Lot-Sample #...: D6G130385-014 **Matrix.....:** WATER
Date Sampled...: 07/10/06 17:15 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195301						
Arsenic	ND	5.0	ug/L	SW846 6020	07/18-07/25/06	H87R11AR
		Dilution Factor: 1		Analysis Time..: 20:48		
Beryllium	ND	2.0	ug/L	SW846 6020	07/18-07/25/06	H87R11AT
		Dilution Factor: 1		Analysis Time..: 20:48		
Cadmium	ND	1.0	ug/L	SW846 6020	07/18-07/25/06	H87R11AU
		Dilution Factor: 1		Analysis Time..: 20:48		
Prep Batch #...: 6195322						
Barium	ND	500	ug/L	SW846 6010B	07/18-07/19/06	H87R11AD
		Dilution Factor: 1		Analysis Time..: 07:28		
Chromium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87R11AE
		Dilution Factor: 1		Analysis Time..: 07:28		
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H87R11AF
		Dilution Factor: 1		Analysis Time..: 07:28		
Nickel	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87R11AG
		Dilution Factor: 1		Analysis Time..: 07:28		
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87R11AH
		Dilution Factor: 1		Analysis Time..: 07:28		
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H87R11AJ
		Dilution Factor: 1		Analysis Time..: 07:28		
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H87R11AK
		Dilution Factor: 1		Analysis Time..: 07:28		
Thallium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87R11AL
		Dilution Factor: 1		Analysis Time..: 07:28		
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H87R11AM
		Dilution Factor: 1		Analysis Time..: 07:28		
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87R11AN
		Dilution Factor: 1		Analysis Time..: 07:28		

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Waste Management, Inc.

Client Sample ID: MW12D

TOTAL Metals

Lot-Sample #...: D6G130385-014 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87R11AP
		Dilution Factor: 1		Analysis Time..: 07:28		
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87R11AQ
		Dilution Factor: 1		Analysis Time..: 07:28		

Waste Management, Inc.

Client Sample ID: 01FB

TOTAL Metals

Lot-Sample #...: D6G130385-015 **Matrix.....:** WATER
Date Sampled...: 07/12/06 15:15 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195301						
Arsenic	ND	5.0	ug/L	SW846 6020	07/18-07/25/06	H87R21AR
		Dilution Factor: 1		Analysis Time..: 20:53		
Beryllium	ND	2.0	ug/L	SW846 6020	07/18-07/25/06	H87R21AT
		Dilution Factor: 1		Analysis Time..: 20:53		
Cadmium	ND	1.0	ug/L	SW846 6020	07/18-07/25/06	H87R21AU
		Dilution Factor: 1		Analysis Time..: 20:53		
Prep Batch #...: 6195322						
Barium	ND	500	ug/L	SW846 6010B	07/18-07/19/06	H87R21AD
		Dilution Factor: 1		Analysis Time..: 07:34		
Chromium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87R21AE
		Dilution Factor: 1		Analysis Time..: 07:34		
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H87R21AF
		Dilution Factor: 1		Analysis Time..: 07:34		
Nickel	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87R21AG
		Dilution Factor: 1		Analysis Time..: 07:34		
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87R21AH
		Dilution Factor: 1		Analysis Time..: 07:34		
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H87R21AJ
		Dilution Factor: 1		Analysis Time..: 07:34		
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H87R21AK
		Dilution Factor: 1		Analysis Time..: 07:34		
Thallium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87R21AL
		Dilution Factor: 1		Analysis Time..: 07:34		
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H87R21AM
		Dilution Factor: 1		Analysis Time..: 07:34		
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H87R21AN
		Dilution Factor: 1		Analysis Time..: 07:34		

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Waste Management, Inc.

Client Sample ID: 01FB

TOTAL Metals

Lot-Sample #...: D6G130385-015 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87R21AP
		Dilution Factor: 1		Analysis Time..: 07:34		
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H87R21AQ
		Dilution Factor: 1		Analysis Time..: 07:34		

QC DATA ASSOCIATION SUMMARY

D6G130385

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 6020		6195301	6195183
	WATER	SW846 8260B		6200158	6200102
	WATER	SW846 6010B		6195322	6195208
002	WATER	SW846 6020		6195301	6195183
	WATER	SW846 8260B		6200158	6200102
	WATER	SW846 6010B		6195322	6195208
003	WATER	SW846 6020		6195301	6195183
	WATER	SW846 8260B		6200158	6200102
	WATER	SW846 6010B		6195322	6195208
004	WATER	SW846 6020		6195301	6195183
	WATER	SW846 8260B		6200158	6200102
	WATER	SW846 6010B		6195322	6195208
005	WATER	SW846 6020		6195301	6195183
	WATER	SW846 8260B		6200158	6200102
	WATER	SW846 6010B		6195322	6195208
006	WATER	SW846 6020		6195301	6195183
	WATER	SW846 8260B		6200158	6200102
	WATER	SW846 6010B		6195322	6195208
007	WATER	SW846 6020		6195301	6195183
	WATER	SW846 8260B		6200158	6200102
	WATER	SW846 6010B		6195322	6195208
008	WATER	SW846 6020		6195301	6195183
	WATER	SW846 8260B		6200158	6200102
	WATER	SW846 6010B		6195322	6195208
009	WATER	SW846 6020		6195301	6195183
	WATER	SW846 8260B		6200158	6200102
	WATER	SW846 6010B		6195322	6195208
010	WATER	SW846 6020		6195301	6195183
	WATER	SW846 8260B		6200158	6200102
	WATER	SW846 6010B		6195322	6195208
011	WATER	SW846 6020		6195301	6195183
	WATER	SW846 8260B		6200158	6200102
	WATER	SW846 6010B		6195322	6195208

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QC DATA ASSOCIATION SUMMARY

D6G130385

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
012	WATER	SW846 6020		6195301	6195183
	WATER	SW846 8260B		6200158	6200102
	WATER	SW846 6010B		6195322	6195208
013	WATER	SW846 6020		6195301	6195183
	WATER	SW846 8260B		6200158	6200102
	WATER	SW846 6010B		6195322	6195208
014	WATER	SW846 6020		6195301	6195183
	WATER	SW846 8260B		6200158	6200102
	WATER	SW846 6010B		6195322	6195208
015	WATER	SW846 6020		6195301	6195183
	WATER	SW846 8260B		6200158	6200102
	WATER	SW846 6010B		6195322	6195208
016	WATER	SW846 8260B		6200158	6200102

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D6G130385 **Work Order #...:** H9H261AA **Matrix.....:** WATER
MB Lot-Sample #: D6G190000-158

Prep Date.....: 07/18/06 **Analysis Time..:** 08:27
Analysis Date..: 07/18/06 **Prep Batch #...:** 6200158
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichloroethene	ND	5.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	15	ug/L	SW846 8260B
Vinyl acetate	ND	50	ug/L	SW846 8260B
Vinyl chloride	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	5.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	100	ug/L	SW846 8260B
Acetone	ND	100	ug/L	SW846 8260B
Acrylonitrile	ND	200	ug/L	SW846 8260B
Benzene	ND	5.0	ug/L	SW846 8260B
Bromochloromethane	ND	5.0	ug/L	SW846 8260B
Bromodichloromethane	ND	5.0	ug/L	SW846 8260B
Bromoform	ND	5.0	ug/L	SW846 8260B
Bromomethane	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	100	ug/L	SW846 8260B
Carbon tetrachloride	ND	10	ug/L	SW846 8260B
Chlorobenzene	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	5.0	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	10	ug/L	SW846 8260B
Dibromomethane	ND	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	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	5.0	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	5.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	10	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	10	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	10	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D6G130385 **Work Order #...:** H9H261AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
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	5.0	ug/L	SW846 8260B
Tetrachloroethene	ND	5.0	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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	107	(79 - 119)
1,2-Dichloroethane-d4	101	(65 - 126)
4-Bromofluorobenzene	103	(75 - 115)
Toluene-d8	101	(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 #...: D6G130385 **Work Order #...:** H9H261AC **Matrix.....:** WATER
LCS Lot-Sample#: D6G190000-158
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 07:50
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**115**	**(68 - 133)**	**SW846 8260B**
Benzene	**102**	**(77 - 118)**	**SW846 8260B**
Chlorobenzene	**100**	**(78 - 118)**	**SW846 8260B**
Toluene	**95**	**(73 - 120)**	**SW846 8260B**
Trichloroethene	**101**	**(78 - 122)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(79 - 119)
1,2-Dichloroethane-d4	97	(65 - 126)
4-Bromofluorobenzene	98	(75 - 115)
Toluene-d8	101	(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 #...: D6G130385 **Work Order #...:** H9H261AC **Matrix.....:** WATER
LCS Lot-Sample#: D6G190000-158
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 07:50
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**11.5**	**ug/L**	**115**	**SW846 8260B**
Benzene	**10.0**	**10.2**	**ug/L**	**102**	**SW846 8260B**
Chlorobenzene	**10.0**	**9.99**	**ug/L**	**100**	**SW846 8260B**
Toluene	**10.0**	**9.52**	**ug/L**	**95**	**SW846 8260B**
Trichloroethene	**10.0**	**10.1**	**ug/L**	**101**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(79 - 119)
1,2-Dichloroethane-d4	97	(65 - 126)
4-Bromofluorobenzene	98	(75 - 115)
Toluene-d8	101	(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 #...: D6G130385 **Work Order #...:** H87LG1AT-MS **Matrix.....:** WATER
MS Lot-Sample #: D6G130358-006 H87LG1AU-MSD
Date Sampled...: 07/13/06 12:06 **Date Received..:** 07/13/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 09:04
Dilution Factor: 5

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**120**	**(68 - 133)**			**SW846 8260B**
	117	**(68 - 133)**	**1.4**	**(0-20)**	**SW846 8260B**
Benzene	**106**	**(77 - 118)**			**SW846 8260B**
	112	**(77 - 118)**	**5.4**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**102**	**(78 - 118)**			**SW846 8260B**
	101	**(78 - 118)**	**1.1**	**(0-20)**	**SW846 8260B**
Toluene	**107**	**(73 - 120)**			**SW846 8260B**
	101	**(73 - 120)**	**5.9**	**(0-20)**	**SW846 8260B**
Trichloroethene	**93**	**(78 - 122)**			**SW846 8260B**
	96	**(78 - 122)**	**0.93**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(79 - 119)
	107	(79 - 119)
1,2-Dichloroethane-d4	107	(65 - 126)
	103	(65 - 126)
4-Bromofluorobenzene	101	(75 - 115)
	101	(75 - 115)
Toluene-d8	102	(78 - 118)
	99	(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 #...: D6G130385 **Work Order #...:** H87LG1AT-MS **Matrix.....:** WATER
MS Lot-Sample #: D6G130358-006 H87LG1AU-MSD
Date Sampled...: 07/13/06 12:06 **Date Received..:** 07/13/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6200158 **Analysis Time..:** 09:04
Dilution Factor: 5

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	**38**	**50.0**	**98.2**	**ug/L**	**120**		**SW846 8260B**
	38	**50.0**	**96.9**	**ug/L**	**117**	**1.4**	**SW846 8260B**
Benzene	**ND**	**50.0**	**53.1**	**ug/L**	**106**		**SW846 8260B**
	ND	**50.0**	**56.0**	**ug/L**	**112**	**5.4**	**SW846 8260B**
Chlorobenzene	**ND**	**50.0**	**50.9**	**ug/L**	**102**		**SW846 8260B**
	ND	**50.0**	**50.3**	**ug/L**	**101**	**1.1**	**SW846 8260B**
Toluene	**ND**	**50.0**	**53.4**	**ug/L**	**107**		**SW846 8260B**
	ND	**50.0**	**50.4**	**ug/L**	**101**	**5.9**	**SW846 8260B**
Trichloroethene	**130**	**50.0**	**177**	**ug/L**	**93**		**SW846 8260B**
	130	**50.0**	**179**	**ug/L**	**96**	**0.93**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(79 - 119)
	107	(79 - 119)
1,2-Dichloroethane-d4	107	(65 - 126)
	103	(65 - 126)
4-Bromofluorobenzene	101	(75 - 115)
	101	(75 - 115)
Toluene-d8	102	(78 - 118)
	99	(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 #...: D6G130385 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D6G140000-301 **Prep Batch #...:** 6195301						
Arsenic	ND	5.0	ug/L	SW846 6020	07/18-07/25/06	H89JQ1AA
		Dilution Factor: 1				
		Analysis Time..: 19:18				
Beryllium	ND	2.0	ug/L	SW846 6020	07/18-07/25/06	H89JQ1AC
		Dilution Factor: 1				
		Analysis Time..: 19:18				
Cadmium	ND	1.0	ug/L	SW846 6020	07/18-07/25/06	H89JQ1AD
		Dilution Factor: 1				
		Analysis Time..: 19:18				
MB Lot-Sample #: D6G140000-322 **Prep Batch #...:** 6195322						
Barium	ND	500	ug/L	SW846 6010B	07/18-07/19/06	H89M41AC
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Chromium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H89M41AE
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H89M41AF
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Nickel	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H89M41AG
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H89M41AH
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H89M41AJ
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H89M41AK
		Dilution Factor: 1				
		Analysis Time..: 04:59				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D6G130385 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H89M41AL
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H89M41AM
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H89M41AN
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H89M41AP
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H89M41AQ
		Dilution Factor: 1				
		Analysis Time..: 04:59				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130385 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D6G140000-301 **Prep Batch #...:** 6195301					
Arsenic	94	(89 - 111)	SW846 6020	07/18-07/25/06	H89JQ1AE
		Dilution Factor: 1		Analysis Time..: 19:22	
Beryllium	102	(76 - 132)	SW846 6020	07/18-07/25/06	H89JQ1AF
		Dilution Factor: 1		Analysis Time..: 19:22	
Cadmium	96	(89 - 111)	SW846 6020	07/18-07/25/06	H89JQ1AG
		Dilution Factor: 1		Analysis Time..: 19:22	
LCS Lot-Sample#: D6G140000-322 **Prep Batch #...:** 6195322					
Barium	110	(92 - 112)	SW846 6010B	07/18-07/19/06	H89M41AU
		Dilution Factor: 1		Analysis Time..: 05:05	
Chromium	102	(90 - 113)	SW846 6010B	07/18-07/19/06	H89M41AW
		Dilution Factor: 1		Analysis Time..: 05:05	
Copper	104	(86 - 112)	SW846 6010B	07/18-07/19/06	H89M41AX
		Dilution Factor: 1		Analysis Time..: 05:05	
Nickel	102	(89 - 111)	SW846 6010B	07/18-07/19/06	H89M41A0
		Dilution Factor: 1		Analysis Time..: 05:05	
Lead	102	(89 - 109)	SW846 6010B	07/18-07/19/06	H89M41A1
		Dilution Factor: 1		Analysis Time..: 05:05	
Antimony	102	(88 - 108)	SW846 6010B	07/18-07/19/06	H89M41A2
		Dilution Factor: 1		Analysis Time..: 05:05	
Selenium	100	(90 - 110)	SW846 6010B	07/18-07/19/06	H89M41A3
		Dilution Factor: 1		Analysis Time..: 05:05	
Thallium	100	(88 - 108)	SW846 6010B	07/18-07/19/06	H89M41A4
		Dilution Factor: 1		Analysis Time..: 05:05	
Vanadium	103	(91 - 111)	SW846 6010B	07/18-07/19/06	H89M41A5
		Dilution Factor: 1		Analysis Time..: 05:05	
Zinc	93	(84 - 111)	SW846 6010B	07/18-07/19/06	H89M41A6
		Dilution Factor: 1		Analysis Time..: 05:05	

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130385 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	104	(86 - 120)	SW846 6010B	07/18-07/19/06	H89M41A7
		Dilution Factor: 1	Analysis Time..: 05:05		
Cobalt	101	(89 - 111)	SW846 6010B	07/18-07/19/06	H89M41A8
		Dilution Factor: 1	Analysis Time..: 05:05		

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130385 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D6G140000-301 **Prep Batch #...:** 6195301							
Arsenic	40.0	37.7	ug/L	94	SW846 6020	07/18-07/25/06	H89JQ1AE
			Dilution Factor: 1		Analysis Time..: 19:22		
Beryllium	40.0	40.9	ug/L	102	SW846 6020	07/18-07/25/06	H89JQ1AF
			Dilution Factor: 1		Analysis Time..: 19:22		
Cadmium	40.0	38.3	ug/L	96	SW846 6020	07/18-07/25/06	H89JQ1AG
			Dilution Factor: 1		Analysis Time..: 19:22		
LCS Lot-Sample#: D6G140000-322 **Prep Batch #...:** 6195322							
Barium	2000	2190	ug/L	110	SW846 6010B	07/18-07/19/06	H89M41AU
			Dilution Factor: 1		Analysis Time..: 05:05		
Chromium	200	203	ug/L	102	SW846 6010B	07/18-07/19/06	H89M41AW
			Dilution Factor: 1		Analysis Time..: 05:05		
Copper	250	259	ug/L	104	SW846 6010B	07/18-07/19/06	H89M41AX
			Dilution Factor: 1		Analysis Time..: 05:05		
Nickel	500	509	ug/L	102	SW846 6010B	07/18-07/19/06	H89M41A0
			Dilution Factor: 1		Analysis Time..: 05:05		
Lead	500	509	ug/L	102	SW846 6010B	07/18-07/19/06	H89M41A1
			Dilution Factor: 1		Analysis Time..: 05:05		
Antimony	500	510	ug/L	102	SW846 6010B	07/18-07/19/06	H89M41A2
			Dilution Factor: 1		Analysis Time..: 05:05		
Selenium	2000	2000	ug/L	100	SW846 6010B	07/18-07/19/06	H89M41A3
			Dilution Factor: 1		Analysis Time..: 05:05		
Thallium	2000	2010	ug/L	100	SW846 6010B	07/18-07/19/06	H89M41A4
			Dilution Factor: 1		Analysis Time..: 05:05		
Vanadium	500	515	ug/L	103	SW846 6010B	07/18-07/19/06	H89M41A5
			Dilution Factor: 1		Analysis Time..: 05:05		
Zinc	500	467	ug/L	93	SW846 6010B	07/18-07/19/06	H89M41A6
			Dilution Factor: 1		Analysis Time..: 05:05		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130385 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	50.0	51.8	ug/L	104	SW846 6010B	07/18-07/19/06	H89M41A7
			Dilution Factor: 1		Analysis Time..: 05:05		
Cobalt	500	503	ug/L	101	SW846 6010B	07/18-07/19/06	H89M41A8
			Dilution Factor: 1		Analysis Time..: 05:05		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130385 **Matrix.....:** WATER
Date Sampled...: 07/11/06 12:45 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G130385-002 **Prep Batch #...:** 6195301							
Arsenic	94	(89 - 111)			SW846 6020	07/18-07/25/06	H87Q91AV
	98	(89 - 111)	4.5	(0-20)	SW846 6020	07/18-07/25/06	H87Q91AW
		Dilution Factor: 1					
		Analysis Time..: 19:40					
Beryllium	106	(76 - 132)			SW846 6020	07/18-07/25/06	H87Q91AX
	110	(76 - 132)	3.7	(0-20)	SW846 6020	07/18-07/25/06	H87Q91A0
		Dilution Factor: 1					
		Analysis Time..: 19:40					
Cadmium	96	(89 - 111)			SW846 6020	07/18-07/25/06	H87Q91A1
	101	(89 - 111)	5.1	(0-20)	SW846 6020	07/18-07/25/06	H87Q91A2
		Dilution Factor: 1					
		Analysis Time..: 19:40					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130385 **Matrix.....:** WATER
Date Sampled...: 07/11/06 12:45 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G130385-002 **Prep Batch #...:** 6195301									
Arsenic									
	ND	40.0	37.5	ug/L	94		SW846 6020	07/18-07/25/06	H87Q91AV
	ND	40.0	39.2	ug/L	98	4.5	SW846 6020	07/18-07/25/06	H87Q91AW
			Dilution Factor: 1						
			Analysis Time..: 19:40						
Beryllium									
	ND	40.0	42.5	ug/L	106		SW846 6020	07/18-07/25/06	H87Q91AX
	ND	40.0	44.1	ug/L	110	3.7	SW846 6020	07/18-07/25/06	H87Q91A0
			Dilution Factor: 1						
			Analysis Time..: 19:40						
Cadmium									
	ND	40.0	38.3	ug/L	96		SW846 6020	07/18-07/25/06	H87Q91A1
	ND	40.0	40.3	ug/L	101	5.1	SW846 6020	07/18-07/25/06	H87Q91A2
			Dilution Factor: 1						
			Analysis Time..: 19:40						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130385 **Matrix.....:** WATER
Date Sampled...: 07/11/06 10:25 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G130385-004 **Prep Batch #...:** 6195301							
Arsenic	94	(89 - 111)			SW846 6020	07/18-07/25/06	H87RE1AV
	94	(89 - 111)	0.17	(0-20)	SW846 6020	07/18-07/25/06	H87RE1AW
		Dilution Factor: 1					
		Analysis Time..: 20:01					
Beryllium	108	(76 - 132)			SW846 6020	07/18-07/25/06	H87RE1AX
	107	(76 - 132)	0.60	(0-20)	SW846 6020	07/18-07/25/06	H87RE1A0
		Dilution Factor: 1					
		Analysis Time..: 20:01					
Cadmium	97	(89 - 111)			SW846 6020	07/18-07/25/06	H87RE1A1
	96	(89 - 111)	0.42	(0-20)	SW846 6020	07/18-07/25/06	H87RE1A2
		Dilution Factor: 1					
		Analysis Time..: 20:01					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130385 **Matrix.....:** WATER
Date Sampled...: 07/11/06 10:25 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G130385-004 **Prep Batch #...:** 6195301									
Arsenic									
	ND	40.0	37.9	ug/L	94		SW846 6020	07/18-07/25/06	H87RE1AV
	ND	40.0	37.8	ug/L	94	0.17	SW846 6020	07/18-07/25/06	H87RE1AW
			Dilution Factor: 1						
			Analysis Time..: 20:01						
Beryllium									
	ND	40.0	43.3	ug/L	108		SW846 6020	07/18-07/25/06	H87RE1AX
	ND	40.0	43.0	ug/L	107	0.60	SW846 6020	07/18-07/25/06	H87RE1A0
			Dilution Factor: 1						
			Analysis Time..: 20:01						
Cadmium									
	ND	40.0	38.6	ug/L	97		SW846 6020	07/18-07/25/06	H87RE1A1
	ND	40.0	38.5	ug/L	96	0.42	SW846 6020	07/18-07/25/06	H87RE1A2
			Dilution Factor: 1						
			Analysis Time..: 20:01						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130385 **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:15 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G130280-001 **Prep Batch #...:** 6195322							
Barium	111	(85 - 120)			SW846 6010B	07/18-07/19/06	H862A1AW
	107	(85 - 120)	3.4	(0-25)	SW846 6010B	07/18-07/19/06	H862A1AX
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Chromium	102	(73 - 135)			SW846 6010B	07/18-07/19/06	H862A1A2
	98	(73 - 135)	4.5	(0-25)	SW846 6010B	07/18-07/19/06	H862A1A3
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Copper	105	(82 - 129)			SW846 6010B	07/18-07/19/06	H862A1A4
	102	(82 - 129)	3.3	(0-25)	SW846 6010B	07/18-07/19/06	H862A1A5
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Nickel	102	(84 - 120)			SW846 6010B	07/18-07/19/06	H862A1A6
	98	(84 - 120)	3.6	(0-25)	SW846 6010B	07/18-07/19/06	H862A1A7
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Lead	102	(89 - 121)			SW846 6010B	07/18-07/19/06	H862A1A8
	99	(89 - 121)	3.6	(0-25)	SW846 6010B	07/18-07/19/06	H862A1A9
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Antimony	102	(81 - 124)			SW846 6010B	07/18-07/19/06	H862A1CA
	98	(81 - 124)	3.8	(0-25)	SW846 6010B	07/18-07/19/06	H862A1CC
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Selenium	100	(71 - 140)			SW846 6010B	07/18-07/19/06	H862A1CD
	97	(71 - 140)	2.9	(0-25)	SW846 6010B	07/18-07/19/06	H862A1CE
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Thallium	101	(90 - 116)			SW846 6010B	07/18-07/19/06	H862A1CF
	97	(90 - 116)	3.8	(0-25)	SW846 6010B	07/18-07/19/06	H862A1CG
		Dilution Factor: 1					
		Analysis Time..: 05:20					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130385 **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:15 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	103	(85 - 120)			SW846 6010B	07/18-07/19/06	H862A1CH
	99	(85 - 120)	4.0	(0-25)	SW846 6010B	07/18-07/19/06	H862A1CJ
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Zinc	92	(60 - 137)			SW846 6010B	07/18-07/19/06	H862A1CK
	88	(60 - 137)	4.3	(0-25)	SW846 6010B	07/18-07/19/06	H862A1CL
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Silver	104	(75 - 141)			SW846 6010B	07/18-07/19/06	H862A1CM
	99	(75 - 141)	4.4	(0-25)	SW846 6010B	07/18-07/19/06	H862A1CN
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Cobalt	101	(82 - 119)			SW846 6010B	07/18-07/19/06	H862A1CP
	97	(82 - 119)	4.0	(0-25)	SW846 6010B	07/18-07/19/06	H862A1CQ
		Dilution Factor: 1					
		Analysis Time..: 05:20					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130385 **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:15 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G130280-001 **Prep Batch #...:** 6195322									
Barium									
	ND	2000	2260	ug/L	111		SW846 6010B	07/18-07/19/06	H862A1AW
	ND	2000	2180	ug/L	107	3.4	SW846 6010B	07/18-07/19/06	H862A1AX
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Chromium									
	ND	200	204	ug/L	102		SW846 6010B	07/18-07/19/06	H862A1A2
	ND	200	195	ug/L	98	4.5	SW846 6010B	07/18-07/19/06	H862A1A3
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Copper									
	ND	250	264	ug/L	105		SW846 6010B	07/18-07/19/06	H862A1A4
	ND	250	255	ug/L	102	3.3	SW846 6010B	07/18-07/19/06	H862A1A5
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Nickel									
	ND	500	510	ug/L	102		SW846 6010B	07/18-07/19/06	H862A1A6
	ND	500	492	ug/L	98	3.6	SW846 6010B	07/18-07/19/06	H862A1A7
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Lead									
	ND	500	512	ug/L	102		SW846 6010B	07/18-07/19/06	H862A1A8
	ND	500	494	ug/L	99	3.6	SW846 6010B	07/18-07/19/06	H862A1A9
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Antimony									
	ND	500	511	ug/L	102		SW846 6010B	07/18-07/19/06	H862A1CA
	ND	500	492	ug/L	98	3.8	SW846 6010B	07/18-07/19/06	H862A1CC
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Selenium									
	ND	2000	2000	ug/L	100		SW846 6010B	07/18-07/19/06	H862A1CD
	ND	2000	1940	ug/L	97	2.9	SW846 6010B	07/18-07/19/06	H862A1CE
			Dilution Factor: 1						
			Analysis Time..: 05:20						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130385 **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:15 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium									
	ND	2000	2020	ug/L	101		SW846 6010B	07/18-07/19/06	H862A1CF
	ND	2000	1950	ug/L	97	3.8	SW846 6010B	07/18-07/19/06	H862A1CG
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Vanadium									
	ND	500	519	ug/L	103		SW846 6010B	07/18-07/19/06	H862A1CH
	ND	500	498	ug/L	99	4.0	SW846 6010B	07/18-07/19/06	H862A1CJ
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Zinc									
	ND	500	465	ug/L	92		SW846 6010B	07/18-07/19/06	H862A1CK
	ND	500	445	ug/L	88	4.3	SW846 6010B	07/18-07/19/06	H862A1CL
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Silver									
	ND	50.0	52.0	ug/L	104		SW846 6010B	07/18-07/19/06	H862A1CM
	ND	50.0	49.8	ug/L	99	4.4	SW846 6010B	07/18-07/19/06	H862A1CN
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Cobalt									
	ND	500	507	ug/L	101		SW846 6010B	07/18-07/19/06	H862A1CP
	ND	500	487	ug/L	97	4.0	SW846 6010B	07/18-07/19/06	H862A1CQ
			Dilution Factor: 1						
			Analysis Time..: 05:20						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130385 **Matrix.....:** WATER
Date Sampled...: 07/11/06 09:35 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G130385-001 **Prep Batch #...:** 6195322							
Barium	108	(85 - 120)			SW846 6010B	07/18-07/19/06	H87Q61AV
	106	(85 - 120)	1.7	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61AW
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Chromium	100	(73 - 135)			SW846 6010B	07/18-07/19/06	H87Q61AX
	99	(73 - 135)	1.3	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61A0
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Copper	105	(82 - 129)			SW846 6010B	07/18-07/19/06	H87Q61A1
	103	(82 - 129)	1.8	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61A2
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Nickel	100	(84 - 120)			SW846 6010B	07/18-07/19/06	H87Q61A3
	99	(84 - 120)	0.87	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61A4
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Lead	100	(89 - 121)			SW846 6010B	07/18-07/19/06	H87Q61A5
	99	(89 - 121)	1.4	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61A6
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Antimony	99	(81 - 124)			SW846 6010B	07/18-07/19/06	H87Q61A7
	98	(81 - 124)	1.2	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61A8
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Selenium	98	(71 - 140)			SW846 6010B	07/18-07/19/06	H87Q61A9
	98	(71 - 140)	0.39	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61CA
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Thallium	99	(90 - 116)			SW846 6010B	07/18-07/19/06	H87Q61CC
	98	(90 - 116)	1.5	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61CD
		Dilution Factor: 1					
		Analysis Time..: 06:06					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130385 **Matrix.....:** WATER
Date Sampled...: 07/11/06 09:35 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	101	(85 - 120)			SW846 6010B	07/18-07/19/06	H87Q61CE
	100	(85 - 120)	1.4	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61CF
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Zinc	90	(60 - 137)			SW846 6010B	07/18-07/19/06	H87Q61CG
	89	(60 - 137)	0.31	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61CH
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Silver	102	(75 - 141)			SW846 6010B	07/18-07/19/06	H87Q61CJ
	101	(75 - 141)	0.55	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61CK
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Cobalt	98	(82 - 119)			SW846 6010B	07/18-07/19/06	H87Q61CL
	98	(82 - 119)	0.78	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61CM
		Dilution Factor: 1					
		Analysis Time..: 06:06					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130385 **Matrix.....:** WATER
Date Sampled...: 07/11/06 09:35 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G130385-001 **Prep Batch #...:** 6195322									
Barium									
	ND	2000	2240	ug/L	108		SW846 6010B	07/18-07/19/06	H87Q61AV
	ND	2000	2200	ug/L	106	1.7	SW846 6010B	07/18-07/19/06	H87Q61AW
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Chromium									
	ND	200	200	ug/L	100		SW846 6010B	07/18-07/19/06	H87Q61AX
	ND	200	197	ug/L	99	1.3	SW846 6010B	07/18-07/19/06	H87Q61A0
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Copper									
	ND	250	262	ug/L	105		SW846 6010B	07/18-07/19/06	H87Q61A1
	ND	250	257	ug/L	103	1.8	SW846 6010B	07/18-07/19/06	H87Q61A2
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Nickel									
	ND	500	503	ug/L	100		SW846 6010B	07/18-07/19/06	H87Q61A3
	ND	500	498	ug/L	99	0.87	SW846 6010B	07/18-07/19/06	H87Q61A4
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Lead									
	ND	500	504	ug/L	100		SW846 6010B	07/18-07/19/06	H87Q61A5
	ND	500	497	ug/L	99	1.4	SW846 6010B	07/18-07/19/06	H87Q61A6
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Antimony									
	ND	500	501	ug/L	99		SW846 6010B	07/18-07/19/06	H87Q61A7
	ND	500	495	ug/L	98	1.2	SW846 6010B	07/18-07/19/06	H87Q61A8
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Selenium									
	ND	2000	1970	ug/L	98		SW846 6010B	07/18-07/19/06	H87Q61A9
	ND	2000	1960	ug/L	98	0.39	SW846 6010B	07/18-07/19/06	H87Q61CA
			Dilution Factor: 1						
			Analysis Time..: 06:06						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130385 **Matrix.....:** WATER
Date Sampled...: 07/11/06 09:35 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium									
	ND	2000	1980	ug/L	99		SW846 6010B	07/18-07/19/06	H87Q61CC
	ND	2000	1950	ug/L	98	1.5	SW846 6010B	07/18-07/19/06	H87Q61CD
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Vanadium									
	ND	500	506	ug/L	101		SW846 6010B	07/18-07/19/06	H87Q61CE
	ND	500	499	ug/L	100	1.4	SW846 6010B	07/18-07/19/06	H87Q61CF
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Zinc									
	ND	500	465	ug/L	90		SW846 6010B	07/18-07/19/06	H87Q61CG
	ND	500	464	ug/L	89	0.31	SW846 6010B	07/18-07/19/06	H87Q61CH
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Silver									
	ND	50.0	51.0	ug/L	102		SW846 6010B	07/18-07/19/06	H87Q61CJ
	ND	50.0	50.7	ug/L	101	0.55	SW846 6010B	07/18-07/19/06	H87Q61CK
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Cobalt									
	ND	500	492	ug/L	98		SW846 6010B	07/18-07/19/06	H87Q61CL
	ND	500	488	ug/L	98	0.78	SW846 6010B	07/18-07/19/06	H87Q61CM
			Dilution Factor: 1						
			Analysis Time..: 06:06						

NOTE(S):

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

Chain of Custody Record

Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

97

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
WASTE MANAGEMENT	MARK SNYDER	7/12/06	334703
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 2**
2859 PACES FERRY RD, STE. 1600	(770)-805-3529		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
ATLANTA / GA / 30339	Mark Snyder	Patty Sisco	
Project Name and Location (State)	**Carrier/Waybill Number**		
Piedmont KERNERSVILLE, NC	FED-EX		
Contract/Purchase Order/Quote No.			
134 21744-A			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: VOA	Metals (6b+)	Special Instructions/ Conditions of Receipt
MW-01	7/11/06	9:35		X					X	X			X	X	NC APP. I
MW-02	7/11/06	12:45		X											
MW-03	7/12/06	11:40		X											
MW-04	7/11/06	10:25		X											
MW-4D	7/11/06	11:20		X											
MW-05	7/12/06	9:40		X											
MW-06	7/11/06	8:40		X											
MW-07	7/11/06	16:00		X											
MW-08	7/12/06	8:35		X											
~~MW-9R~~	~~7/12/06~~	~~10:30~~		~~X~~											DO not ana
MW-10	7/11/06	15:15		X											
MW-11	7/11/06	14:30		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 STANDARD

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Daniel Gardiner	7/12/06	1700	1. Received By: [signature]	7/13/06	0900
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

4.7
4.7
7/13/06
DB
TRI

Chain of Custody Record

SEVERN TRENT **STL**
Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

98

STL 4124 (0901)

Client: WASTE MANAGEMENT	Project Manager: MARK SNYDER	Date: 7/12/06	Chain of Custody Number: 334704
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: Mark Snyder; Lab Contact: BETSY SARA		
Project Name and Location (State): PIEDMONT - KERNERSVILLE, NC	Carrier/Waybill Number: FED-EX		
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)	Special Instructions/ Conditions of Receipt
MW-11D	7/11/06	13:50		X					X	X			X	X	NC App I
MW-12	7/10/06	16:30		X					X	X			X	X	↓
MW-12D	7/10/06	17:15		X					X	X			X	X	↓
01 FB	7/12/06	15:15		X					X	X			X	X	↓
Trip Blank	6/26/06	—		X						X			X		NC App. I VOC's on

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 STANDARD

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Daniel Gardner	7/12/06	1700	1. Received By: [signature]	7/13/06	0900
2. Relinquished By:			2. Received By:		
3. Relinquished By:			3. Received By:		

Comments

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT LF

Site No.: 134 Sample Point: MW01 (Sample ID)

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

Laboratory Use Only Lab ID: 06130585-09

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
07/11/06	09:15	0020	07	10	1

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): 4466 (ft)

Groundwater Elevation (site datum, from TOC): 7792.7 (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) (umhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
09:15	1st	5.90	87	16.9	5.7	7.9	135	45.0
09:18	2nd	5.88	91	16.2	33	6.0	93.3	45.0
09:21	3rd	5.46	89	16.1	2.3	5.6	99.2	45.1
09:24	4th	5.28	86	16.0	2.5	5.0	108.5	45.0
09:27		5.10	84	16.0	2.7	4.4	112.5	45.1
:								
:								
:								
:								
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
07/11/06	5.10	84	16.0	2.7	4.4	112.5	45.1

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: Calm Outlook: Sunny, 80's Precipitation: Y or (N)

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

FIELD COMMENTS

SYSTEM VOLUME: 1380 mL FLOW-CELL VOL.: 500 mL

PURGE RATE : 200 mL/min

PSI setting : 30

WELL CONDITION: Good, Needs brush cut inside of fence around well

SAMPLE TIME : 09:35

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
7/11/06	Matthew Osborne	Matthew Osborne	JEI
7/11/06	Dan Girdner		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: 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: D0613035-02

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
07 11 06	12:28	00:17	09	15	

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

PURGE/SAMPLE EQUIPMENT

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

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

Sampling Device: C

X-Other:

Filter Device: Y or (N) — 0.45 u or ____ u (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): 778.04 (ft msl)

Depth to Water (DTW) (from TOC): 29.87 (ft)

Groundwater Elevation (site datum, from TOC): 748.17 (ft msl)

Total Well Depth (from TOC): 35.50 (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) (umhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1228	1st	5.69	1.08	19.0	12.9	4.0	38.4	29.8
1231	2nd	5.65	1.06	17.9	3.7	2.9	11.9	29.7
1234	3rd	5.68	1.06	17.4	0.7	2.5	- 3.9	29.7
1237	4th	5.68	1.06	17.3	0.5	2.6	- 6.1	29.7
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

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

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: DTW Units ft
07 11 06	5.68	1.06	17.3	0.5	2.6	- 6.1	29.7

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

FIELD COMMENTS

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

Weather Conditions (required daily, or as conditions change): Direction/Speed: Slight Breeze Outlook: Sunny, 80's Precipitation: Y or (N)

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

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

PURGING RATE : 250mL/min

PSI setting : ≈25

WELL CONDITION : Good, well has no lable

SAMPLING TIME : 12:45

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
7,11,06	Matthew Osborne	Matthew Osborne	JEI
7,11,06	Dan Girdner		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)

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: D6G130385-01

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
071206	1120	0020	20	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 u or ___ u (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): 77008 (ft msl)

Depth to Water (DTW) (from TOC): 2561 (ft)

Groundwater Elevation (site datum, from TOC): 74447 (ft/msl)

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

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

Casing ID: ~~02~~ 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) (umhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
11:20	— 1st	6.03 1st	149	18.8	2.6	5.3	11.1	26.3
11:23	— 2nd	6.01 2nd	146	18.5	1.6	4.5	11.1	26.2
11:26	— 3rd	5.99 3rd	140	17.9	1.5	4.3	10.3	26.3
11:29	— 4th	5.94 4th	138	17.7	1.6	4.6	11.0	26.2
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.
071206	594	138	177	16	46	110	262

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: Calm Outlook: Sunny, 80's Precipitation: Y or N

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

SYSTEM VOL.: 800mL FLOW-CELL VOL.: 500mL

PURGE RATE: 200 mL/min

PSI setting: 25

WELL CONDITION: Good, Needs brush cleared around well

SAMPLE TIME: 11:40

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
7/12/06	Matthew Osborne	[signature]	JEI
7/12/06	Dan Girdner		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: 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: D6G120355-01

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
07/11/06	1010	0015	22	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 — 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): 75692 (ft/msl)

Depth to Water (DTW) (from TOC): 1323 (ft)

Groundwater Elevation (site datum, from TOC): 74369 (ft/msl)

Total Well Depth (from TOC): 2700 (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)
1010	1st	5.43	75	17.7	2.5	2.5	89.8	1.34
1013	2nd	5.40	73	17.4	1.3	1.9	77.4	1.34
1016	3rd	5.32	73	17.2	1.0	1.8	68.4	1.35
	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.
07/11/06	5.32	73	17.2	1.0	1.8	68.4	1.35

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: Calm — Outlook: Sunny, 80's — Precipitation: Y or (N)

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

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

PURGING RATE: 200 mL/min (*careful of turbidity, sample DIS. Metals)

PSI: ≈30

WELL CONDITION: Good, Needs brush cut inside of fence surrounding well

SAMPLE TIME: 10:25

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
7/11/06	Matthew Osborne	Matthew Osborne	JEI
7/11/06	Dan Girdner		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: MW(4)D (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: 1266130385-09

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
07/11/06	11:00	0015	7.9	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 — Sampling Device: C

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

X-Other:

Filter Device: (Y) or N (0.45 u) or ____ u (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) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
75733	13.75	743.58

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) (umhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
11:00	1st	6.39	116	20.8	14.0	6.2	39.5	14.1
11:05	2nd	6.27	73	19.8	16.4	5.1	25.3	14.1
11:10	3rd	6.16	74	18.8	32.0	6.1	22.8	14.1
11:15	4th	5.98	74	18.3	160	5.3	27.4	14.2
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.
07/11/06	5.98	74	18.3	160	5.3	27.4	14.2

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

Sample Appearance: Slightly Cloudy — Odor: None — Color: Light brown — Other:

Weather Conditions (required daily, or as conditions change): — Direction/Speed: Calm — Outlook: Sunny, 80's — Precipitation: Y or (N)

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

FIELD COMMENTS

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

PURGING RATE : 100 mL/min (* CAREFUL OF TURBIDITY), sample DIS. METALS

PSI : 30

WELL CONDITION : Good, Needs brush cut inside of fence surrounding well

SAMPLE TIME : 11:20

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
7,11,06	Matthew Osborne	Matthew Osborne	JEI
7,11,06	Dan Gardner		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)

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: D6613035-a/p

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
07/12/06	09:25	00:15	24	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): 743.17 (ft/msl)

Depth to Water (DTW) (from TOC): 5.78 (ft)

Groundwater Elevation (site datum, from TOC): 737.39 (ft/msl)

Total Well Depth (from TOC): 20.50 (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)
09:25	1st	6.12	251	17.0	14.0	3.0	354	6.2
09:28	2nd	6.09	250	16.5	8.6	1.8	176	6.1
09:31	3rd	6.08	250	16.5	5.9	1.7	110	6.1
09:34	4th	6.07	250	16.5	4.5	1.6	50	6.1
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.
07/12/06	6.07	250	16.5	4.5	1.6	50	6.1

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: Calm — Outlook: Sunny, 80's — Precipitation: Y or (N)

FIELD COMMENTS

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

SYSTEM VOLUME : 605 mL — FLOW-CELL VOL. : 500 mL

PURGING RATE : 200 mL/min.

PSI : 10

WELL CONDITION : Good, Needs brushcut inside of fence around well

SAMPLE TIME : 9:40

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
7/12/06	Matthew Osborne	Matthew Osborne	JEI
7/12/06	Dan Girdner		JEI

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

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

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

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

Laboratory Use Only/Lab ID: D6G130385

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
071106	0820	0020	08	10	1

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): 80087 (ft/msl)

Depth to Water (DTW) (from TOC): 2473 (ft)

Groundwater Elevation (site datum, from TOC): 77614 (ft/msl)

Total Well Depth (from TOC): 2960 (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)
0820	— 1st	4.87 1st	28	161	4.4	55	860	257
0823	— 2nd	4.80 2nd	26	158	9.8	54	949	257
0826	— 3rd	4.75 3rd	33	156	11.3	53	977	257
0829	— 4th	4.77 4th	31	155	6.1	54	989	259
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.
071106	477	31	155	61	54	989	25.9

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: Calm — Outlook: Sunny, 70's — Precipitation: Y or N

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

SYSTEM VOLUME: 1000 mL — FLOW-CELL VOL.: 500 mL

PURGE RATE: 200 mL/min

PSI: ≈30

WELL CONDITION: Good, needs brush cut inside of fence around well

SAMPLE TIME: 8:40

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
7/11/06	Matthew Osborne	Matthew Osborne	JEI
7/11/06	Dan Girdner		JEI

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

STL-8029 WM R: 12

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 134 Sample Point: MW07 (Sample ID)

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

Laboratory Use Only/Lab ID: D606130385-08

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
07/11/06	1540	00:20	06	03	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)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
771.57 (ft/msl)	27.49 (ft)	744.08 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
31.30 (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)
1540	1st	5.95	144	20.6	43	4.7	26	27.6
1543	2nd	5.93	140	19.9	29	4.3	-36	27.6
1546	3rd	5.91	137	19.6	23	4.1	-58	27.6
	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.
07/11/06	5.91	137	19.6	23	4.1	-58	27.6

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

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

Weather Conditions (required daily, or as conditions change): Direction/Speed: Slight Breeze Outlook: Sunny, 80's Precipitation: Y or (N)

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

FIELD COMMENTS

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

PURGE RATE : 200mL/min.

PSI : 20

WELL CONDITION : Good, Need brush cleared around well

SAMPLE TIME : 16:00

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
7/11/06	Matthew Osborne	Matthew Osborne	JEI
7/11/06	Dan Girdner	D. Girdner	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)

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: D1G913C355-01

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
07/12/06	0815	0020	19	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 — Sampling Device: C — X-Other:

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

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

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

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

WELL DATA

Well Elevation (at TOC): 748.95 (ft/msl) — Depth to Water (DTW) (from TOC): 7.05 (ft) — Groundwater Elevation (site datum, from TOC): 741.90 (ft/msl)

Total Well Depth (from TOC): 18.80 (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)
08:15	1st	5.29	131	17.2	365	2.7	48.5	7.4
08:19	2nd	5.28	129	16.7	285	2.2	40.9	7.5
08:23	3rd	5.29	126	16.4	225	1.9	33.6	7.5
08:27	4th	5.30	124	16.4	168	1.8	28.6	7.6
08:31		5.31	124	16.5	162	1.7	24.1	7.7
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or 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
07/12/06	5.31	124	16.5	162	1.7	24.1	7.7

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

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

Weather Conditions (required daily, or as conditions change): Direction/Speed: Calm — Outlook: Sunny, 70's — Precipitation: Y or (N)

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

FIELD COMMENTS

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

PURGING RATE: ~~300~~ 150 mL/min. (*careful of turbidity, sample DIS. Metals)

PSI: ~~20~~ 15

WELL CONDITION: Good. Needs brush cut inside of fence around well, 6" TREE

SAMPLE TIME: 8:35 — BY WELL PAD, NO LOCK HASP ON FENCE

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
7/12/06	Matthew Osborne	Matthew Osborne	SEI
7/12/06	Dan Girdner	Dan Girdner	SEI

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: MW10 (Sample ID)

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

Laboratory Use Only/Lab ID: D6G130385-QD

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
07/11/06	1500	0015	08	03	

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

PURGE/SAMPLE EQUIPMENT

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

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

Sampling Device: C

X-Other:

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

Filter Type: —

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

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

WELL DATA

Well Elevation (at TOC): 7720 (ft/msl)

Depth to Water (DTW) (from TOC): 3320 (ft)

Groundwater Elevation (site datum, from TOC): 744.06 (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)
1500	1st	5.97	124	21.2	2.8	5.4	-12	33.4
1502	2nd	6.03	124	20.7	1.8	4.7	-72	33.4
1504	3rd	5.96	124	20.0	1.6	4.6	-135	33.4
1506	4th	5.96	122	19.9	1.4	4.1	-166	33.4
:								
:								
:								
:								
:								
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.
07/11/06	5.96	122	19.9	1.4	4.1	-166	33.4

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

FIELD COMMENTS

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

Weather Conditions (required daily, or as conditions change): Direction/Speed: Calm — Outlook: Sunny, 80's — Precipitation: Y or (N)

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

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

PURGE RATE : 250mL/min.

PSI : 22,

WELL CONDITION : Good, brush needs cleared around well

SAMPLE TIME : 15:15

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
7,11,06	Matthew Osborne	Matthew Osborne	SEI
7,11,06	Dan Girdner		SEI

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

STL-8029WLOR 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 134 Sample Point: MW11 (Sample ID)

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

Laboratory Use Only Lab ID: 06013038501

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
071106	~~09~~ 14 15	0015	09	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: O/D — 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)	Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
776.80 (ft msl)	29.75 (ft)	747.05 (ft msl)	35.00 (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)
14:15	1st	5.87	144	19.6	4.7	3.3	-32	30.1
14:18	2nd	5.86	143	19.3	1.5	2.9	-8.0	30.1
14:21	3rd	5.80	145	19.8	1.1	2.2	-14.4	30.1
	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-in-1' 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 format.*

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.
071106	5.80	145	19.8	1.1	2.2	-14.4	30.1

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: Calm Outlook: Sunny, 80's Precipitation: Y or (N)

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

FIELD COMMENTS

SYSTEM VOLUME : 750mL FLOW-CELL VOL : 500mL
PURGE RATE : 200mL/min
PSI : 20
WELL CONDITION : Good, Needs brush cut around well, Well pad covered with sediment
SAMPLE TIME : 14:30

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
7,11,06	Matthew Osborne	Matthew Osborne	JEI
7,11,06	Dan Girdner		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: MW1ID (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: D6G130385-01

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
07/11/06	1315	00:35	104	110	

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

WELL DATA

Well Elevation (at TOC): 7736 (ft msl)

Depth to Water (DTW) (from TOC): 2960 (ft)

Groundwater Elevation (site datum, from TOC): 746.76 (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)
1315	1st	6.26	76	20.1	11.9	6.7	7.7	329
1319	2nd	6.23	74	18.9	8.8	6.5	-2.4	332
1328	3rd	6.42	86	24.3	10.4	6.4	2.6	318
1332	4th	6.32	81	22.9	11.6	6.3	-14.9	320
1336		6.26	82	21.1	11.1	6.3	-15.5	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.
07/11/06	6.26	82	21.1	11.1	6.3	-15.5	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: Calm Outlook: Sunny, 80's Precipitation: Y or (N)

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

FIELD COMMENTS

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

PURGE RATE : 150 mL/min. — had to stop at 13:21 to refill

PSI : 65 — CO_2

WELL CONDITION : Good, Needs brush cut around well

SAMPLE TIME : 13:50

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
7/11/06	Matthew Osborne	Matthew Osborne	JEI
7/11/06	Dan Gardner		JEI

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

STL-8029WM (12/00)

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 134 Sample Point: MW12 (Sample ID)

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

Laboratory Use Only/Lab ID: D1607130355-013

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
07 10 06	15:07	01:23	20	60	3.0

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

PURGE/SAMPLE EQUIPMENT

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

Purging Device: C — Sampling Device: C

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

X-Other:

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

Filter Type: A — 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)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
751.48 (ft/msl)	5.97 (ft)	745.51 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
18.00 (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)
15:34	1st	6.14	92	19.6	203.0	3.3	70	6.4
15:39	2nd	6.06	89	19.4	422.0	2.8	88	6.4
15:50	3rd	6.34	88	16.1	277.0	1.4	45	7.4
16:03	4th	6.48	85	15.8	113.0	4.5	2 L.E. 6 mo	8.0
16:15		6.60	84	15.8	64.6	3.5	269	8.3
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or 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.
07 10 06	6.60	84	15.8	64.6	3.5	269	8.3

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

FIELD COMMENTS

Sample Appearance: Slightly Cloudy — Odor: None — Color: Cloudy — Other: —

Weather Conditions (required daily, or as conditions change): Direction/Speed: Calm — Outlook: Sunny, 80's — Precipitation: Y or (N)

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

SYSTEM VOLUME: 600mL — FLOW-CELL VOL.: 500mL

PURGE RATE: ~~100 mL/min.~~ 200 mL/min. (* Mind turbidity, sample Dis. Metals) Purged at 600 mL/min for 3 well vols

PSI: 10

WELL CONDITION: Good — Due to turbidity, 3 well vols were purged; Needs brushcut

SAMPLE TIME: 16:30

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
7.10.06	Matthew Osborne	Matthew Osborne	JEI
7.10.06	Dan Girdner		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: MW12D (Sample ID)

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

Laboratory Use Only/Lab ID: D0613035S - 01

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
07 10 06	1655	00:20	61	05	0.08

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

PURGE/SAMPLE EQUIPMENT

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

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

Sampling Device: C

X-Other:

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

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

Sample Tube Type: C/D — 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)	Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
751.53 VB (ft-msl)	5.76 (ft)	745.77 VB (ft/msl)	430 (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)
1655	— 1st	6.72 1st	215 1st	18.2 no 1st	10.4	4.5	325	6.0
1658	— 2nd	6.73 2nd	215 2nd	17.6	12.5	2.8	170	5.9
1701	— 3rd	6.83 3rd	213 3rd	17.4	7.9	2.3	-25	6.0
1704	— 4th	6.85 4th	207 4th	17.1	5.4	2.0	-8.9	5.9
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

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

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
07 10 06	6.85	207	17.1	5.4	2.0	-8.9	5.9

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

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

Weather Conditions (required daily, or as conditions change): Direction/Speed: Calm Outlook: Sunny, 80's Precipitation: Y or (N)

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

FIELD COMMENTS

SYSTEM VOLUME : 580 mL FLOW CELL VOL. : 500 mL

PURGE RATE : ~~200 mL/min. Purged at 600 mL/min for 3 well vols.~~ no 200 mL/min

PSI : 20

WELL CONDITION : Good, needs brush cut around well

SAMPLE TIME : 17:15

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
7.10.06	Matthew Osborne	Matthew Osborne	JEI
7.10.06	Dan Girdner		JEI

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

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 #: D6G130225

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

July 28, 2006

RECEIVED JUL 31 2006

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- **Executive Summary – Detection Highlights**
- **Methods Summary**
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- **Lot Sample Summary**
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- **Chain-of-Custody**

Case Narrative

Enclosed is the report for fifteen samples received at STL Denver on July 13, 2006. 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 Lots D6G130225

Sample Receiving

The cooler temperatures upon receipt at the Denver laboratory were 2.7°C and 4.7°C.

The 500 mL sulfuric acid preserved amber bottle was broken in transit for the sample MW05 and therefore ammonia analysis could not be performed for the sample MW05. The client was notified.

The lids on the 500 mL sulfuric acid preserved amber bottles for the samples MW12D and MW03 were cracked, however all volumes remained. The client was notified.

Turbidity analysis was requested on the Chain of Custody, however the Turbidity results were not reported per the client's request.

The 500 mL sulfuric acid preserved amber bottle received for the sample MW10 was mislabeled as MW11. The volumes were confirmed using the sample times.

All other 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.

Lot #: D6G130225

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.

EXECUTIVE SUMMARY - Detection Highlights

D6G130225

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW01 07/11/06 09:35 001				
Total Dissolved Solids	72	10	mg/L	MCAWW 160.1
Chloride	2.7	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	34	5.0	mg/L	MCAWW 310.1
MW02 07/11/06 12:45 002				
Total Dissolved Solids	100	10	mg/L	MCAWW 160.1
Chloride	4.9	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	54	5.0	mg/L	MCAWW 310.1
MW03 07/12/06 11:40 003				
Total Dissolved Solids	130	10	mg/L	MCAWW 160.1
Chloride	6.5	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	52	5.0	mg/L	MCAWW 310.1
MW04 07/11/06 10:25 004				
Total Dissolved Solids	81	10	mg/L	MCAWW 160.1
Chloride	3.7	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	35	5.0	mg/L	MCAWW 310.1
MW04D 07/11/06 11:20 005				
Total Dissolved Solids	110	10	mg/L	MCAWW 160.1
Chloride	2.3	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	35	5.0	mg/L	MCAWW 310.1
MW05 07/12/06 09:40 006				
Total Dissolved Solids	200	10	mg/L	MCAWW 160.1
Chloride	6.0	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	140	5.0	mg/L	MCAWW 310.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D6G130225

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW06 07/11/06 08:40 007				
Total Dissolved Solids	38	10	mg/L	MCAWW 160.1
Chloride	2.2	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	11	5.0	mg/L	MCAWW 310.1
MW07 07/11/06 16:00 008				
Total Dissolved Solids	94	10	mg/L	MCAWW 160.1
Chloride	6.8	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	41	5.0	mg/L	MCAWW 310.1
MW08 07/12/06 08:35 009				
Total Dissolved Solids	84	10	mg/L	MCAWW 160.1
Chloride	9.9	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	27	5.0	mg/L	MCAWW 310.1
MW10 07/11/06 15:15 010				
Total Dissolved Solids	100	10	mg/L	MCAWW 160.1
Chloride	3.6	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	59	5.0	mg/L	MCAWW 310.1
MW11 07/11/06 14:30 011				
Total Dissolved Solids	110	10	mg/L	MCAWW 160.1
Chloride	2.8	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	79	5.0	mg/L	MCAWW 310.1
MW11D 07/11/06 13:50 012				
Total Dissolved Solids	85	10	mg/L	MCAWW 160.1
Chloride	1.3	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	39	5.0	mg/L	MCAWW 310.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D6G130225

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW12 07/10/06 16:30 013				
Total Dissolved Solids	100	10	mg/L	MCAWW 160.1
Chloride	2.1	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	43	5.0	mg/L	MCAWW 310.1
MW12D 07/10/06 17:15 014				
Total Dissolved Solids	140	10	mg/L	MCAWW 160.1
Chloride	1.3	0.30	mg/L	MCAWW 300.0A
Total Alkalinity	76	5.0	mg/L	MCAWW 310.1

PREPARATION METHODS SUMMARY

D6G130225

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

References:

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

ANALYTICAL METHODS SUMMARY

D6G130225

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

References:

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

METHOD / ANALYST SUMMARY

D6G130225

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 160.1	Christopher Grisdale	009582
MCAWW 300.0A	Ewa Kudla	001167
MCAWW 300.0A	Ewa Kudla	1167
MCAWW 310.1	Andrew M. Perlman	008060
MCAWW 350.1	Duane Allee	001470

References:

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

SAMPLE SUMMARY

D6G130225

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
H86JW	001	MW01	07/11/06	09:35
H86J1	002	MW02	07/11/06	12:45
H86J2	003	MW03	07/12/06	11:40
H86J3	004	MW04	07/11/06	10:25
H86J4	005	MW04D	07/11/06	11:20
H86J5	006	MW05	07/12/06	09:40
H86J6	007	MW06	07/11/06	08:40
H86J7	008	MW07	07/11/06	16:00
H86J9	009	MW08	07/12/06	08:35
H86KA	010	MW10	07/11/06	15:15
H86KD	011	MW11	07/11/06	14:30
H86KF	012	MW11D	07/11/06	13:50
H86KG	013	MW12	07/10/06	16:30
H86KK	014	MW12D	07/10/06	17:15
H86KM	015	01FB	07/12/06	15:15

NOTE(S):

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

Waste Management, Inc.

Client Sample ID: MW01

General Chemistry

Lot-Sample #...: D6G130225-001 **Work Order #...:** H86JW **Matrix.....:** WATER
Date Sampled...: 07/11/06 09:35 **Date Received..:** 07/13/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1		Analysis Time..: 12:00		
Chloride	**2.7**	**0.30**	**mg/L**	**MCAWW 300.0A**	**07/20/06**	**6205208**
		Dilution Factor: 1		Analysis Time..: 20:24		
Total Alkalinity	**34**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/19/06**	**6201146**
		Dilution Factor: 1		Analysis Time..: 08:45		
Total Dissolved Solids	**72**	**10**	**mg/L**	**MCAWW 160.1**	**07/14/06**	**6195519**
		Dilution Factor: 1		Analysis Time..: 14:00		

Waste Management, Inc.

Client Sample ID: MW02

General Chemistry

Lot-Sample #...: D6G130225-002 **Work Order #...:** H86J1 **Matrix.....:** WATER
Date Sampled...: 07/11/06 12:45 **Date Received..:** 07/13/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1		Analysis Time..: 12:00		
Chloride	**4.9**	**0.30**	**mg/L**	**MCAWW 300.0A**	**07/20/06**	**6205208**
		Dilution Factor: 1		Analysis Time..: 20:40		
Total Alkalinity	**54**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/19/06**	**6201146**
		Dilution Factor: 1		Analysis Time..: 08:45		
Total Dissolved Solids	**100**	**10**	**mg/L**	**MCAWW 160.1**	**07/14/06**	**6195519**
		Dilution Factor: 1		Analysis Time..: 14:00		

Waste Management, Inc.

Client Sample ID: MW03

General Chemistry

Lot-Sample #...: D6G130225-003 **Work Order #...:** H86J2 **Matrix.....:** WATER
Date Sampled...: 07/12/06 11:40 **Date Received..:** 07/13/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1		Analysis Time..: 12:00		
Chloride	**6.5**	**0.30**	**mg/L**	**MCAWW 300.0A**	**07/20/06**	**6205208**
		Dilution Factor: 1		Analysis Time..: 20:56		
Total Alkalinity	**52**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/19/06**	**6201146**
		Dilution Factor: 1		Analysis Time..: 08:45		
Total Dissolved Solids	**130**	**10**	**mg/L**	**MCAWW 160.1**	**07/14/06**	**6195520**
		Dilution Factor: 1		Analysis Time..: 14:30		

Waste Management, Inc.

Client Sample ID: MW04

General Chemistry

Lot-Sample #...: D6G130225-004 **Work Order #...:** H86J3 **Matrix.....:** WATER
Date Sampled...: 07/11/06 10:25 **Date Received..:** 07/13/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1		Analysis Time..: 12:00		
Chloride	**3.7**	**0.30**	**mg/L**	**MCAWW 300.0A**	**07/20/06**	**6205208**
		Dilution Factor: 1		Analysis Time..: 21:12		
Total Alkalinity	**35**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/19/06**	**6201146**
		Dilution Factor: 1		Analysis Time..: 08:45		
Total Dissolved Solids	**81**	**10**	**mg/L**	**MCAWW 160.1**	**07/14/06**	**6195519**
		Dilution Factor: 1		Analysis Time..: 14:00		

Waste Management, Inc.

Client Sample ID: MW04D

General Chemistry

Lot-Sample #...: D6G130225-005 **Work Order #...:** H86J4 **Matrix.....:** WATER
Date Sampled...: 07/11/06 11:20 **Date Received..:** 07/13/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1		Analysis Time..: 12:00		
Chloride	**2.3**	**0.30**	**mg/L**	**MCAWW 300.0A**	**07/20/06**	**6205208**
		Dilution Factor: 1		Analysis Time..: 21:59		
Total Alkalinity	**35**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/19/06**	**6201146**
		Dilution Factor: 1		Analysis Time..: 08:45		
Total Dissolved Solids	**110**	**10**	**mg/L**	**MCAWW 160.1**	**07/14/06**	**6195519**
		Dilution Factor: 1		Analysis Time..: 14:00		

Waste Management, Inc.

Client Sample ID: MW05

General Chemistry

Lot-Sample #...: D6G130225-006 **Work Order #...:** H86J5 **Matrix.....:** WATER
Date Sampled...: 07/12/06 09:40 **Date Received..:** 07/13/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	6.0	0.30	mg/L	MCAWW 300.0A	07/20/06	6205208
		Dilution Factor: 1		Analysis Time..: 22:15		
Total Alkalinity	140	5.0	mg/L	MCAWW 310.1	07/19/06	6201146
		Dilution Factor: 1		Analysis Time..: 08:45		
Total Dissolved Solids	200	10	mg/L	MCAWW 160.1	07/14/06	6195520
		Dilution Factor: 1		Analysis Time..: 14:30		

Waste Management, Inc.

Client Sample ID: MW06

General Chemistry

Lot-Sample #...: D6G130225-007 **Work Order #...:** H86J6 **Matrix.....:** WATER
Date Sampled...: 07/11/06 08:40 **Date Received..:** 07/13/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1		Analysis Time..: 12:00		
Chloride	**2.2**	**0.30**	**mg/L**	**MCAWW 300.0A**	**07/20/06**	**6205208**
		Dilution Factor: 1		Analysis Time..: 22:31		
Total Alkalinity	**11**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/19/06**	**6201146**
		Dilution Factor: 1		Analysis Time..: 08:45		
Total Dissolved Solids	**38**	**10**	**mg/L**	**MCAWW 160.1**	**07/14/06**	**6195519**
		Dilution Factor: 1		Analysis Time..: 14:00		

Waste Management, Inc.

Client Sample ID: MW07

General Chemistry

Lot-Sample #...: D6G130225-008 **Work Order #...:** H86J7 **Matrix.....:** WATER
Date Sampled...: 07/11/06 16:00 **Date Received..:** 07/13/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1		Analysis Time..: 12:00		
Chloride	**6.8**	**0.30**	**mg/L**	**MCAWW 300.0A**	**07/20/06**	**6205208**
		Dilution Factor: 1		Analysis Time..: 22:47		
Total Alkalinity	**41**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/19/06**	**6201146**
		Dilution Factor: 1		Analysis Time..: 08:45		
Total Dissolved Solids	**94**	**10**	**mg/L**	**MCAWW 160.1**	**07/14/06**	**6195519**
		Dilution Factor: 1		Analysis Time..: 14:00		

Waste Management, Inc.

Client Sample ID: MW08

General Chemistry

Lot-Sample #...: D6G130225-009 **Work Order #...:** H86J9 **Matrix.....:** WATER
Date Sampled...: 07/12/06 08:35 **Date Received..:** 07/13/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1		Analysis Time..: 12:00		
Chloride	**9.9**	**0.30**	**mg/L**	**MCAWW 300.0A**	**07/20/06**	**6205208**
		Dilution Factor: 1		Analysis Time..: 23:02		
Total Alkalinity	**27**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/19/06**	**6201146**
		Dilution Factor: 1		Analysis Time..: 08:45		
Total Dissolved Solids	**84**	**10**	**mg/L**	**MCAWW 160.1**	**07/14/06**	**6195520**
		Dilution Factor: 1		Analysis Time..: 14:30		

Waste Management, Inc.

Client Sample ID: MW10

General Chemistry

Lot-Sample #...: D6G130225-010 **Work Order #...:** H86KA **Matrix.....:** WATER
Date Sampled...: 07/11/06 15:15 **Date Received..:** 07/13/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1		Analysis Time..: 12:00		
Chloride	**3.6**	**0.30**	**mg/L**	**MCAWW 300.0A**	**07/20/06**	**6205208**
		Dilution Factor: 1		Analysis Time..: 23:18		
Total Alkalinity	**59**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/19/06**	**6201146**
		Dilution Factor: 1		Analysis Time..: 08:45		
Total Dissolved Solids	**100**	**10**	**mg/L**	**MCAWW 160.1**	**07/14/06**	**6195519**
		Dilution Factor: 1		Analysis Time..: 14:00		

Waste Management, Inc.

Client Sample ID: MW11

General Chemistry

Lot-Sample #...: D6G130225-011 **Work Order #...:** H86KD **Matrix.....:** WATER
Date Sampled...: 07/11/06 14:30 **Date Received..:** 07/13/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1		Analysis Time..: 12:00		
Chloride	**2.8**	**0.30**	**mg/L**	**MCAWW 300.0A**	**07/20/06**	**6205208**
		Dilution Factor: 1		Analysis Time..: 23:34		
Total Alkalinity	**79**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/19/06**	**6201146**
		Dilution Factor: 1		Analysis Time..: 08:45		
Total Dissolved Solids	**110**	**10**	**mg/L**	**MCAWW 160.1**	**07/14/06**	**6195519**
		Dilution Factor: 1		Analysis Time..: 14:00		

Waste Management, Inc.

Client Sample ID: MW11D

General Chemistry

Lot-Sample #...: D6G130225-012 **Work Order #...:** H86KF **Matrix.....:** WATER
Date Sampled...: 07/11/06 13:50 **Date Received..:** 07/13/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1		Analysis Time..: 12:00		
Chloride	**1.3**	**0.30**	**mg/L**	**MCAWW 300.0A**	**07/20/06**	**6205208**
		Dilution Factor: 1		Analysis Time..: 23:50		
Total Alkalinity	**39**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/19/06**	**6201146**
		Dilution Factor: 1		Analysis Time..: 08:45		
Total Dissolved Solids	**85**	**10**	**mg/L**	**MCAWW 160.1**	**07/14/06**	**6195519**
		Dilution Factor: 1		Analysis Time..: 14:00		

Waste Management, Inc.

Client Sample ID: MW12

General Chemistry

Lot-Sample #...: D6G130225-013 **Work Order #...:** H86KG **Matrix.....:** WATER
Date Sampled...: 07/10/06 16:30 **Date Received..:** 07/13/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1		Analysis Time..: 12:00		
Chloride	**2.1**	**0.30**	**mg/L**	**MCAWW 300.0A**	**07/20-07/21/06**	**6205208**
		Dilution Factor: 1		Analysis Time..: 00:06		
Total Alkalinity	**43**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/18/06**	**6200089**
		Dilution Factor: 1		Analysis Time..: 15:00		
Total Dissolved Solids	**100**	**10**	**mg/L**	**MCAWW 160.1**	**07/14/06**	**6195518**
		Dilution Factor: 1		Analysis Time..: 13:30		

Waste Management, Inc.

Client Sample ID: MW12D

General Chemistry

Lot-Sample #...: D6G130225-014 **Work Order #...:** H86KK **Matrix.....:** WATER
Date Sampled...: 07/10/06 17:15 **Date Received..:** 07/13/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1		Analysis Time..: 12:00		
Chloride	**1.3**	**0.30**	**mg/L**	**MCAWW 300.0A**	**07/20-07/21/06**	**6205208**
		Dilution Factor: 1		Analysis Time..: 00:21		
Total Alkalinity	**76**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/18/06**	**6200089**
		Dilution Factor: 1		Analysis Time..: 15:00		
Total Dissolved Solids	**140**	**10**	**mg/L**	**MCAWW 160.1**	**07/14/06**	**6195518**
		Dilution Factor: 1		Analysis Time..: 13:30		

Waste Management, Inc.

Client Sample ID: 01FB

General Chemistry

Lot-Sample #...: D6G130225-015 **Work Order #...:** H86KM **Matrix.....:** WATER
Date Sampled...: 07/12/06 15:15 **Date Received..:** 07/13/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	ND	0.040	mg/L	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1		Analysis Time..: 12:00		
Chloride	ND	0.30	mg/L	MCAWW 300.0A	07/20-07/21/06	6205208
		Dilution Factor: 1		Analysis Time..: 01:09		
Total Alkalinity	ND	5.0	mg/L	MCAWW 310.1	07/19/06	6201146
		Dilution Factor: 1		Analysis Time..: 08:45		
Total Dissolved Solids	ND	10	mg/L	MCAWW 160.1	07/14/06	6195520
		Dilution Factor: 1		Analysis Time..: 14:30		

QC DATA ASSOCIATION SUMMARY

D6G130225

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	MCAWW 160.1		6195519	6205057
	WATER	MCAWW 300.0A		6205208	6205111
	WATER	MCAWW 310.1		6201146	6202288
	WATER	MCAWW 350.1		6207485	6207317
002	WATER	MCAWW 160.1		6195519	6205057
	WATER	MCAWW 300.0A		6205208	6205111
	WATER	MCAWW 310.1		6201146	6202288
	WATER	MCAWW 350.1		6207485	6207317
003	WATER	MCAWW 160.1		6195520	6205063
	WATER	MCAWW 300.0A		6205208	6205111
	WATER	MCAWW 310.1		6201146	6202288
	WATER	MCAWW 350.1		6207485	6207317
004	WATER	MCAWW 160.1		6195519	6205057
	WATER	MCAWW 300.0A		6205208	6205111
	WATER	MCAWW 310.1		6201146	6202288
	WATER	MCAWW 350.1		6207485	6207317
005	WATER	MCAWW 160.1		6195519	6205057
	WATER	MCAWW 300.0A		6205208	6205111
	WATER	MCAWW 310.1		6201146	6202288
	WATER	MCAWW 350.1		6207485	6207317
006	WATER	MCAWW 160.1		6195520	6205063
	WATER	MCAWW 300.0A		6205208	6205111
	WATER	MCAWW 310.1		6201146	6202288
007	WATER	MCAWW 160.1		6195519	6205057
	WATER	MCAWW 300.0A		6205208	6205111
	WATER	MCAWW 310.1		6201146	6202288
	WATER	MCAWW 350.1		6207485	6207317
008	WATER	MCAWW 160.1		6195519	6205057
	WATER	MCAWW 300.0A		6205208	6205111
	WATER	MCAWW 310.1		6201146	6202288
	WATER	MCAWW 350.1		6207485	6207317
009	WATER	MCAWW 160.1		6195520	6205063
	WATER	MCAWW 300.0A		6205208	6205111
	WATER	MCAWW 310.1		6201146	6202288
	WATER	MCAWW 350.1		6207485	6207317

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D6G130225

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
010	WATER	MCAWW 160.1		6195519	6205057
	WATER	MCAWW 300.0A		6205208	6205111
	WATER	MCAWW 310.1		6201146	6202288
	WATER	MCAWW 350.1		6207485	6207317
011	WATER	MCAWW 160.1		6195519	6205057
	WATER	MCAWW 300.0A		6205208	6205111
	WATER	MCAWW 310.1		6201146	6202288
	WATER	MCAWW 350.1		6207485	6207317
012	WATER	MCAWW 160.1		6195519	6205057
	WATER	MCAWW 300.0A		6205208	6205111
	WATER	MCAWW 310.1		6201146	6202288
	WATER	MCAWW 350.1		6207485	6207317
013	WATER	MCAWW 160.1		6195518	6205056
	WATER	MCAWW 300.0A		6205208	6205111
	WATER	MCAWW 310.1		6200089	6201206
	WATER	MCAWW 350.1		6207485	6207317
014	WATER	MCAWW 160.1		6195518	6205056
	WATER	MCAWW 300.0A		6205208	6205111
	WATER	MCAWW 310.1		6200089	6201206
	WATER	MCAWW 350.1		6207485	6207317
015	WATER	MCAWW 160.1		6195520	6205063
	WATER	MCAWW 300.0A		6205208	6205111
	WATER	MCAWW 310.1		6201146	6202288
	WATER	MCAWW 350.1		6207485	6207317

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D6G130225 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		Work Order #: H93DA1AA		MB Lot-Sample #: D6G260000-485		
	ND	0.040	mg/L	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1				
		Analysis Time..: 12:00				
Chloride		Work Order #: H9VWR1AA		MB Lot-Sample #: D6G240000-208		
	ND	0.30	mg/L	MCAWW 300.0A	07/20/06	6205208
		Dilution Factor: 1				
		Analysis Time..: 19:21				
Total Alkalinity		Work Order #: H9MQK1AA		MB Lot-Sample #: D6G190000-089		
	ND	5.0	mg/L	MCAWW 310.1	07/18/06	6200089
		Dilution Factor: 1				
		Analysis Time..: 15:00				
Total Alkalinity		Work Order #: H9RJ11AA		MB Lot-Sample #: D6G200000-146		
	ND	5.0	mg/L	MCAWW 310.1	07/19/06	6201146
		Dilution Factor: 1				
		Analysis Time..: 08:45				
Total Dissolved Solids		Work Order #: H9VN91AA		MB Lot-Sample #: D6G140000-518		
	ND	10	mg/L	MCAWW 160.1	07/14/06	6195518
		Dilution Factor: 1				
		Analysis Time..: 13:30				
Total Dissolved Solids		Work Order #: H9VPG1AA		MB Lot-Sample #: D6G140000-519		
	ND	10	mg/L	MCAWW 160.1	07/14/06	6195519
		Dilution Factor: 1				
		Analysis Time..: 14:00				
Total Dissolved Solids		Work Order #: H9VP41AA		MB Lot-Sample #: D6G140000-520		
	ND	10	mg/L	MCAWW 160.1	07/14/06	6195520
		Dilution Factor: 1				
		Analysis Time..: 14:30				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D6G130225 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		Work Order #: H93DA1AC	LCS Lot-Sample#: D6G260000-485		
	101	(90 - 110)	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1	Analysis Time..: 12:00		
Chloride		Work Order #: H9VWR1AC	LCS Lot-Sample#: D6G240000-208		
	102	(90 - 110)	MCAWW 300.0A	07/20/06	6205208
		Dilution Factor: 1	Analysis Time..: 18:49		
Total Alkalinity		Work Order #: H9MQK1AC	LCS Lot-Sample#: D6G190000-089		
	96	(90 - 110)	MCAWW 310.1	07/18/06	6200089
		Dilution Factor: 1	Analysis Time..: 15:00		
Total Alkalinity		Work Order #: H9RJ11AC	LCS Lot-Sample#: D6G200000-146		
	96	(90 - 110)	MCAWW 310.1	07/19/06	6201146
		Dilution Factor: 1	Analysis Time..: 08:45		
Total Dissolved Solids		Work Order #: H9VN91AC	LCS Lot-Sample#: D6G140000-518		
	100	(86 - 106)	MCAWW 160.1	07/14/06	6195518
		Dilution Factor: 1	Analysis Time..: 13:30		
Total Dissolved Solids		Work Order #: H9VPG1AC	LCS Lot-Sample#: D6G140000-519		
	100	(86 - 106)	MCAWW 160.1	07/14/06	6195519
		Dilution Factor: 1	Analysis Time..: 14:00		
Total Dissolved Solids		Work Order #: H9VP41AC	LCS Lot-Sample#: D6G140000-520		
	101	(86 - 106)	MCAWW 160.1	07/14/06	6195520
		Dilution Factor: 1	Analysis Time..: 14:30		

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D6G130225 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N			Work Order #: H93DA1AC		LCS Lot-Sample#: D6G260000-485		
	4.00	4.03	mg/L	101	MCAWW 350.1	07/25/06	6207485
			Dilution Factor: 1		Analysis Time..: 12:00		
Chloride			Work Order #: H9VWR1AC		LCS Lot-Sample#: D6G240000-208		
	20.0	20.4	mg/L	102	MCAWW 300.0A	07/20/06	6205208
			Dilution Factor: 1		Analysis Time..: 18:49		
Total Alkalinity			Work Order #: H9MQK1AC		LCS Lot-Sample#: D6G190000-089		
	200	192	mg/L	96	MCAWW 310.1	07/18/06	6200089
			Dilution Factor: 1		Analysis Time..: 15:00		
Total Alkalinity			Work Order #: H9RJ11AC		LCS Lot-Sample#: D6G200000-146		
	200	192	mg/L	96	MCAWW 310.1	07/19/06	6201146
			Dilution Factor: 1		Analysis Time..: 08:45		
Total Dissolved Solids			Work Order #: H9VN91AC		LCS Lot-Sample#: D6G140000-518		
	500	501	mg/L	100	MCAWW 160.1	07/14/06	6195518
			Dilution Factor: 1		Analysis Time..: 13:30		
Total Dissolved Solids			Work Order #: H9VPG1AC		LCS Lot-Sample#: D6G140000-519		
	500	500	mg/L	100	MCAWW 160.1	07/14/06	6195519
			Dilution Factor: 1		Analysis Time..: 14:00		
Total Dissolved Solids			Work Order #: H9VP41AC		LCS Lot-Sample#: D6G140000-520		
	500	503	mg/L	101	MCAWW 160.1	07/14/06	6195520
			Dilution Factor: 1		Analysis Time..: 14:30		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D6G130225 **Matrix.....:** WATER
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		WO#: H850D1EA-MS/H850D1EC-MSD				MS Lot-Sample #: D6G130171-001	
	88	(81 - 114)			MCAWW 350.1	07/25/06	6207485
	93	(81 - 114)	5.5	(0-10)	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1					
		Analysis Time..: 12:00					
Chloride		WO#: H850D1D6-MS/H850D1D7-MSD				MS Lot-Sample #: D6G130171-001	
	100	(80 - 120)			MCAWW 300.0A	07/20/06	6205208
	105	(80 - 120)	3.3	(0-20)	MCAWW 300.0A	07/20/06	6205208
		Dilution Factor: 1					
		Analysis Time..: 19:53					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D6G130225 **Matrix.....:** WATER
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N			WO#: H850D1EA-MS/H850D1EC-MSD				MS Lot-Sample #: D6G130171-001		
	0.095	4.00	3.62	mg/L	88		MCAWW 350.1	07/25/06	6207485
	0.095	4.00	3.82	mg/L	93	5.5	MCAWW 350.1	07/25/06	6207485
			Dilution Factor: 1						
			Analysis Time..: 12:00						
Chloride			WO#: H850D1D6-MS/H850D1D7-MSD				MS Lot-Sample #: D6G130171-001		
	13	25.0	37.9	mg/L	100		MCAWW 300.0A	07/20/06	6205208
	13	25.0	39.2	mg/L	105	3.3	MCAWW 300.0A	07/20/06	6205208
			Dilution Factor: 1						
			Analysis Time..: 19:53						

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D6G130225 **Work Order #...:** H8534-SMP H8534-DUP **Matrix.....:** WATER

Date Sampled...: 07/12/06 12:30 **Date Received..:** 07/13/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: D6G130187-002		
	350	360	mg/L	1.7	(0-20)	MCAWW 160.1	07/14/06	6195519
			Dilution Factor: 1			Analysis Time..: 14:00		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D6G130225 **Work Order #...:** H86PP-SMP H86PP-DUP **Matrix.....:** WATER

Date Sampled...: 07/12/06 10:35 **Date Received..:** 07/13/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: D6G130243-003		
	840	840	mg/L	0.59	(0-20)	MCAWW 160.1	07/14/06	6195520
			Dilution Factor: 1			Analysis Time..: 14:30		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D6G130225 **Work Order #...:** H83VN-SMP H83VN-DUP **Matrix.....:** WATER

Date Sampled...: 07/11/06 15:25 **Date Received..:** 07/12/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						SD Lot-Sample #: D6G120271-001		
Total Alkalinity	310	320	mg/L	2.9	(0-10)	MCAWW 310.1	07/18/06	6200089

Dilution Factor: 1 Analysis Time..: 15:00

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D6G130225 **Work Order #...:** H8349-SMP H8349-DUP **Matrix.....:** WATER

Date Sampled...: 07/11/06 10:00 **Date Received..:** 07/12/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #: D6G120292-003		
	200	200	mg/L	0.53	(0-10)	MCAWW 310.1	07/19/06	6201145
		Dilution Factor: 1				Analysis Time..: 08:45		
Total Dissolved Solids						SD Lot-Sample #: D6G120292-003		
	210	200	mg/L	1.5	(0-20)	MCAWW 160.1	07/14/06	6195517
		Dilution Factor: 1				Analysis Time..: 13:30		

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

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STL-4124 (0901)

Client: WASTE MANAGEMENT	Project Manager: MARK SNYDER	Date:	Chain of Custody Number: 334706
Address: 2859 PACES FERRY, STE 1600	Telephone Number (Area Code)/Fax Number: 770-805-3529	Lab Number:	Page 1 of 2
City: ATLANTA / State: GA / Zip Code: 30339	Site Contact: MIKE QUEDENS	Lab Contact: Betty Jones	
Project Name and Location (State): Piedmont	Carrier/Waybill Number: FED-EX		
Contract/Purchase Order/Quote No.: 134 26744-B			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): TDS	CL	T-ALK	NH3	Turbidity (optional)	Special Instructions/ Conditions of Receipt
MW01	7/11/06	09:35		X			X	X					X	X	X	X	X	
MW02	7/11/06	12:45		X			X	X					X	X	X	X	X	
MW03	7/12/06	11:40		X			X	X					X	X	X	X	X	
MW04	7/11/06	10:25		X			X	X					X	X	X	X	X	
MW04D	7/11/06	11:20		X			X	X					X	X	X	X	X	
MW05	7/12/06	09:40		X			X	X					X	X	X	X	X	
MW06	7/11/06	08:40		X			X	X					X	X	X	X	X	
MW07	7/11/06	16:00		X			X	X					X	X	X	X	X	
MW08	7/12/06	08:35		X			X	X					X	X	X	X	X	
~~MW09R~~	~~7/12/06~~	~~10:30~~		~~X~~			~~X~~	~~X~~					~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	DO on own COC
MW10	7/11/06	15:15		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 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 STANDARD

QC Requirements (Specify)

	Date	Time
1. Relinquished By: Daniel Gardner	7/12/06	1700
2. Relinquished By:		
3. Relinquished By:		

	Date	Time
1. Received By:	7/13/06	0900
2. Received By:		
3. Received By:		

Comments
CHAIN COVERS (2) TWO COOLERS, TURBIDITY OPTIONAL - RUN AT CLIENT'S REQUEST ONLY

[redacted]

Chain of Custody Record

2 7
7/13/06
03
7R1

STL-4124 (0901)

SEVERN TRENT **STL**
Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

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Client: WASTE MANAGEMENT	Project Manager: MARK SNYDER	Date:	Chain of Custody Number: 334705
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 KERNERSVILLE, NC	Carrier/Waybill Number: FED-EX		
Contract/Purchase Order/Quote No.: 134 26744 B			

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	TDS	Cl	T. Alk.	NH3	Turbidity (OPT.)	Special Instructions/ Conditions of Receipt
MW11	7/11/06	14:30		X			X	X					X	X	X	X	X	
MW11D	7/11/06	13:50		X			X	X					X	X	X	X	X	
MW12	7/10/06	16:30		X			X	X					X	X	X	X	X	
MW12D	7/10/06	17:15		X			X	X					X	X	X	X	X	
01 FB	7/12/06	15:15		X			X	X					X	X	X	X	X	
TRIP BLANK	6/26/06			X			X	X					X	X	X	X	X	

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

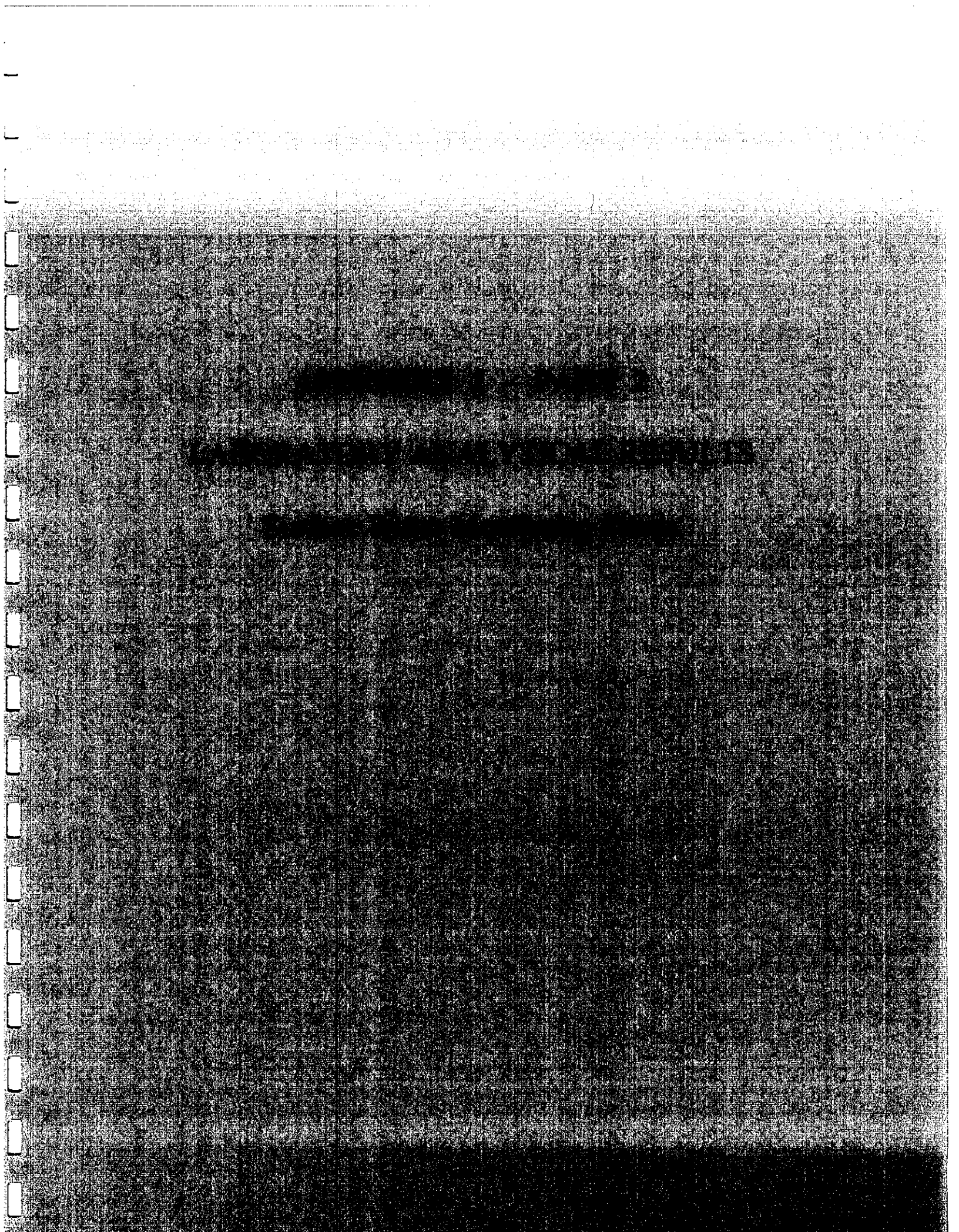
Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

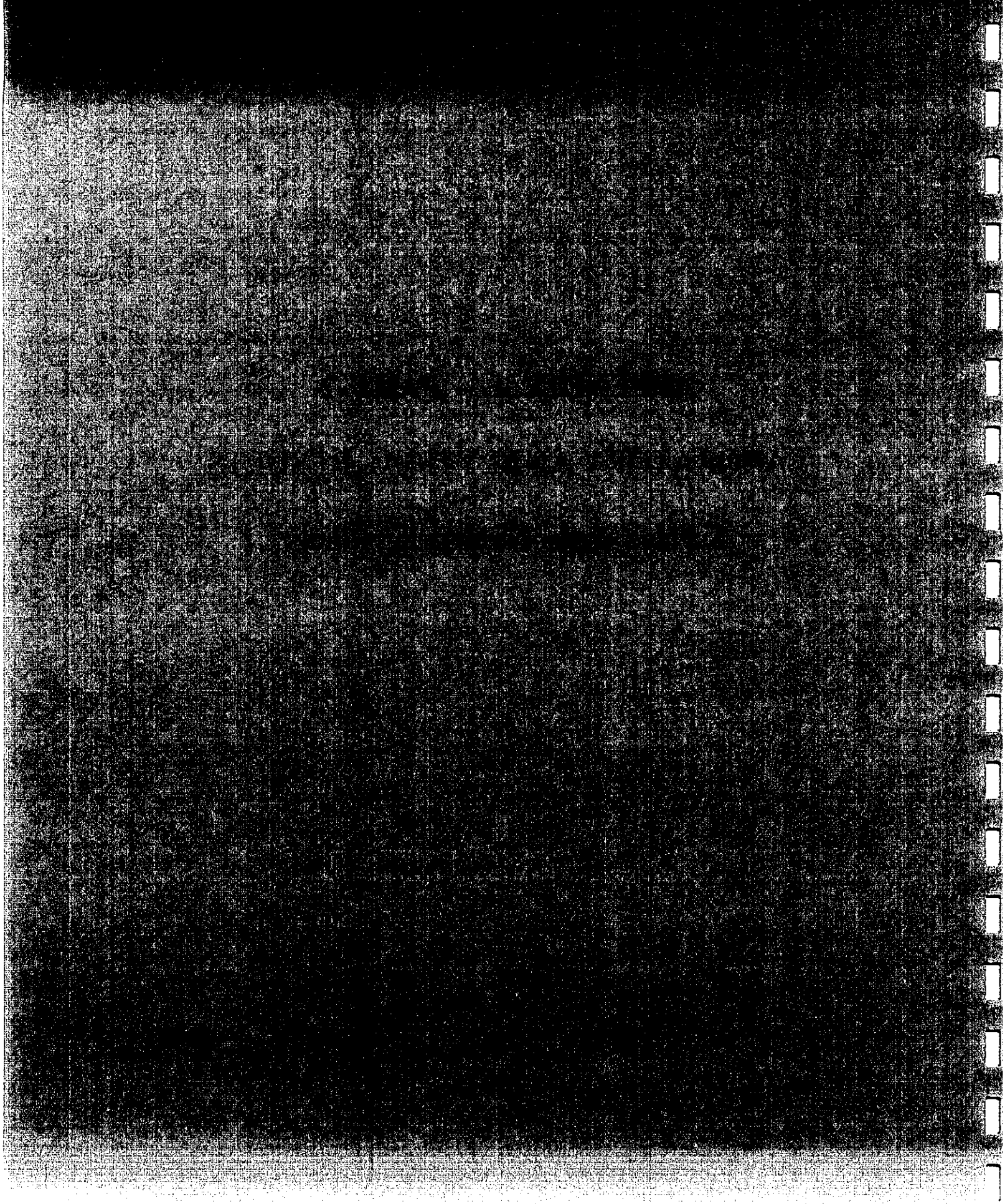
Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☑ Other STANDARD

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Daniel Gridner	7/12/06	1700	1. Received By: [signature]	7/13/06	0900
2. Relinquished By:			2. Received By:		
3. Relinquished By:			3. Received By:		

Comments: CHAIN COVERS 2 COOLERS TURBIDITY OPTIONAL - ONLY RUN AT CLIENT'S REQUEST





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 #: D6G130280

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

July 26, 2006

RECEIVED JUL 27 2006

Table Of Contents

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

Case Narrative

Enclosed is the report for six samples received at STL Denver on July 13, 2006. 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 D6G130280

Sample Receiving

The cooler temperature upon receipt at the Denver laboratory was 4.6°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.

EXECUTIVE SUMMARY - Detection Highlights

D6G130280

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
NO DETECTABLE PARAMETERS				

PREPARATION METHODS SUMMARY

D6G130280

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
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

D6G130280

PARAMETER	ANALYTICAL METHOD
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
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

D6G130280

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 6010B	Lynn-Anne Trudell	6645
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

D6G130280

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
H862A	001	S01	07/12/06	14:15
H862D	002	S02	07/12/06	13:20
H862E	003	S03	07/12/06	12:45
H862F	004	S04	07/12/06	13:05
H862G	005	S05	07/12/06	13:40
H862H	006	TRIP BLANK	07/12/06	

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: S01

GC/MS Volatiles

Lot-Sample #...: D6G130280-001 **Work Order #...:** H862A1AA **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:15 **Date Received..:** 07/13/06
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 10:18
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: S01

GC/MS Volatiles

Lot-Sample #...: D6G130280-001 **Work Order #...:** H862A1AA **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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	109	(79 - 119)
1,2-Dichloroethane-d4	100	(65 - 126)
4-Bromofluorobenzene	107	(75 - 115)
Toluene-d8	108	(78 - 118)

Waste Management, Inc.

Client Sample ID: S02

GC/MS Volatiles

Lot-Sample #...: D6G130280-002 **Work Order #...:** H862D1AA **Matrix.....:** WATER
Date Sampled...: 07/12/06 13:20 **Date Received..:** 07/13/06
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 10:36
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: S02

GC/MS Volatiles

Lot-Sample #...: D6G130280-002 **Work Order #...:** H862D1AA **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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(79 - 119)
1,2-Dichloroethane-d4	104	(65 - 126)
4-Bromofluorobenzene	111	(75 - 115)
Toluene-d8	106	(78 - 118)

Waste Management, Inc.

Client Sample ID: S03

GC/MS Volatiles

Lot-Sample #...: D6G130280-003 **Work Order #...:** H862E1AA **Matrix.....:** WATER
Date Sampled...: 07/12/06 12:45 **Date Received..:** 07/13/06
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 10:55
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: S03

GC/MS Volatiles

Lot-Sample #...: D6G130280-003 **Work Order #...:** H862E1AA **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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(79 - 119)
1,2-Dichloroethane-d4	101	(65 - 126)
4-Bromofluorobenzene	104	(75 - 115)
Toluene-d8	100	(78 - 118)

Waste Management, Inc.

Client Sample ID: S04

GC/MS Volatiles

Lot-Sample #...: D6G130280-004 **Work Order #...:** H862F1AA **Matrix.....:** WATER
Date Sampled...: 07/12/06 13:05 **Date Received..:** 07/13/06
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 11:14
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: S04

GC/MS Volatiles

Lot-Sample #...: D6G130280-004 **Work Order #...:** H862F1AA **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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

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

Waste Management, Inc.

Client Sample ID: S05

GC/MS Volatiles

Lot-Sample #...: D6G130280-005 **Work Order #...:** H862G1AA **Matrix.....:** WATER
Date Sampled...: 07/12/06 13:40 **Date Received..:** 07/13/06
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 14:20
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: S05

GC/MS Volatiles

Lot-Sample #...: D6G130280-005 **Work Order #...:** H862G1AA **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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	107	(79 - 119)
1,2-Dichloroethane-d4	101	(65 - 126)
4-Bromofluorobenzene	104	(75 - 115)
Toluene-d8	104	(78 - 118)

Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D6G130280-006 **Work Order #...:** H862H1AA **Matrix.....:** WATER
Date Sampled...: 07/12/06 **Date Received..:** 07/13/06
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 13:24
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L

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Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D6G130280-006 **Work Order #...:** H862H1AA **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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(79 - 119)
1,2-Dichloroethane-d4	97	(65 - 126)
4-Bromofluorobenzene	107	(75 - 115)
Toluene-d8	107	(78 - 118)

Waste Management, Inc.

Client Sample ID: S01

TOTAL Metals

Lot-Sample #...: D6G130280-001 **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:15 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195322						
Arsenic	ND	5.0	ug/L	SW846 6010B	07/18-07/19/06	H862A1AC
		Dilution Factor: 1		Analysis Time..: 05:10		
Barium	ND	500	ug/L	SW846 6010B	07/18-07/19/06	H862A1AD
		Dilution Factor: 1		Analysis Time..: 05:10		
Beryllium	ND	2.0	ug/L	SW846 6010B	07/18-07/19/06	H862A1AE
		Dilution Factor: 1		Analysis Time..: 11:47		
Chromium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862A1AF
		Dilution Factor: 1		Analysis Time..: 05:10		
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H862A1AG
		Dilution Factor: 1		Analysis Time..: 05:10		
Nickel	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H862A1AH
		Dilution Factor: 1		Analysis Time..: 05:10		
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862A1AJ
		Dilution Factor: 1		Analysis Time..: 05:10		
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H862A1AK
		Dilution Factor: 1		Analysis Time..: 05:10		
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H862A1AL
		Dilution Factor: 1		Analysis Time..: 05:10		
Thallium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862A1AM
		Dilution Factor: 1		Analysis Time..: 05:10		
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H862A1AN
		Dilution Factor: 1		Analysis Time..: 05:10		
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H862A1AP
		Dilution Factor: 1		Analysis Time..: 05:10		
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862A1AQ
		Dilution Factor: 1		Analysis Time..: 05:10		

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Waste Management, Inc.

Client Sample ID: S01

TOTAL Metals

Lot-Sample #...: D6G130280-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862A1AR
		Dilution Factor: 1		Analysis Time..: 05:10		
Cadmium	ND	1.0	ug/L	SW846 6010B	07/18-07/19/06	H862A1AT
		Dilution Factor: 1		Analysis Time..: 05:10		

Waste Management, Inc.

Client Sample ID: S02

TOTAL Metals

Lot-Sample #...: D6G130280-002 **Matrix.....:** WATER
Date Sampled...: 07/12/06 13:20 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195322						
Arsenic	ND	5.0	ug/L	SW846 6010B	07/18-07/19/06	H862D1AC
		Dilution Factor: 1		Analysis Time..: 05:30		
Barium	ND	500	ug/L	SW846 6010B	07/18-07/19/06	H862D1AD
		Dilution Factor: 1		Analysis Time..: 05:30		
Beryllium	ND	2.0	ug/L	SW846 6010B	07/18-07/19/06	H862D1AE
		Dilution Factor: 1		Analysis Time..: 12:07		
Chromium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862D1AF
		Dilution Factor: 1		Analysis Time..: 05:30		
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H862D1AG
		Dilution Factor: 1		Analysis Time..: 05:30		
Nickel	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H862D1AH
		Dilution Factor: 1		Analysis Time..: 05:30		
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862D1AJ
		Dilution Factor: 1		Analysis Time..: 05:30		
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H862D1AK
		Dilution Factor: 1		Analysis Time..: 05:30		
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H862D1AL
		Dilution Factor: 1		Analysis Time..: 05:30		
Thallium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862D1AM
		Dilution Factor: 1		Analysis Time..: 05:30		
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H862D1AN
		Dilution Factor: 1		Analysis Time..: 05:30		
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H862D1AP
		Dilution Factor: 1		Analysis Time..: 05:30		
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862D1AQ
		Dilution Factor: 1		Analysis Time..: 05:30		

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Waste Management, Inc.

Client Sample ID: S02

TOTAL Metals

Lot-Sample #...: D6G130280-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862D1AR
		Dilution Factor: 1		Analysis Time..: 05:30		
Cadmium	ND	1.0	ug/L	SW846 6010B	07/18-07/19/06	H862D1AT
		Dilution Factor: 1		Analysis Time..: 05:30		

Waste Management, Inc.

Client Sample ID: S03

TOTAL Metals

Lot-Sample #...: D6G130280-003 **Matrix.....:** WATER
Date Sampled...: 07/12/06 12:45 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195322						
Arsenic	ND	5.0	ug/L	SW846 6010B	07/18-07/19/06	H862E1AC
		Dilution Factor: 1		Analysis Time..: 05:35		
Barium	ND	500	ug/L	SW846 6010B	07/18-07/19/06	H862E1AD
		Dilution Factor: 1		Analysis Time..: 05:35		
Beryllium	ND	2.0	ug/L	SW846 6010B	07/18-07/19/06	H862E1AE
		Dilution Factor: 1		Analysis Time..: 12:13		
Chromium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862E1AF
		Dilution Factor: 1		Analysis Time..: 05:35		
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H862E1AG
		Dilution Factor: 1		Analysis Time..: 05:35		
Nickel	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H862E1AH
		Dilution Factor: 1		Analysis Time..: 05:35		
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862E1AJ
		Dilution Factor: 1		Analysis Time..: 05:35		
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H862E1AK
		Dilution Factor: 1		Analysis Time..: 05:35		
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H862E1AL
		Dilution Factor: 1		Analysis Time..: 05:35		
Thallium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862E1AM
		Dilution Factor: 1		Analysis Time..: 05:35		
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H862E1AN
		Dilution Factor: 1		Analysis Time..: 05:35		
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H862E1AP
		Dilution Factor: 1		Analysis Time..: 05:35		
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862E1AQ
		Dilution Factor: 1		Analysis Time..: 05:35		

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Waste Management, Inc.

Client Sample ID: S03

TOTAL Metals

Lot-Sample #...: D6G130280-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862E1AR
		Dilution Factor: 1		Analysis Time..: 05:35		
Cadmium	ND	1.0	ug/L	SW846 6010B	07/18-07/19/06	H862E1AT
		Dilution Factor: 1		Analysis Time..: 05:35		

Waste Management, Inc.

Client Sample ID: S04

TOTAL Metals

Lot-Sample #...: D6G130280-004 **Matrix.....:** WATER
Date Sampled...: 07/12/06 13:05 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195322						
Arsenic	ND	5.0	ug/L	SW846 6010B	07/18-07/19/06	H862F1AC
		Dilution Factor: 1		Analysis Time..: 05:41		
Barium	ND	500	ug/L	SW846 6010B	07/18-07/19/06	H862F1AD
		Dilution Factor: 1		Analysis Time..: 05:41		
Beryllium	ND	2.0	ug/L	SW846 6010B	07/18-07/19/06	H862F1AE
		Dilution Factor: 1		Analysis Time..: 12:18		
Chromium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862F1AF
		Dilution Factor: 1		Analysis Time..: 05:41		
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H862F1AG
		Dilution Factor: 1		Analysis Time..: 05:41		
Nickel	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H862F1AH
		Dilution Factor: 1		Analysis Time..: 05:41		
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862F1AJ
		Dilution Factor: 1		Analysis Time..: 05:41		
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H862F1AK
		Dilution Factor: 1		Analysis Time..: 05:41		
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H862F1AL
		Dilution Factor: 1		Analysis Time..: 05:41		
Thallium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862F1AM
		Dilution Factor: 1		Analysis Time..: 05:41		
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H862F1AN
		Dilution Factor: 1		Analysis Time..: 05:41		
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H862F1AP
		Dilution Factor: 1		Analysis Time..: 05:41		
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862F1AQ
		Dilution Factor: 1		Analysis Time..: 05:41		

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Waste Management, Inc.

Client Sample ID: S04

TOTAL Metals

Lot-Sample #...: D6G130280-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862F1AR
		Dilution Factor: 1		Analysis Time..: 05:41		
Cadmium	ND	1.0	ug/L	SW846 6010B	07/18-07/19/06	H862F1AT
		Dilution Factor: 1		Analysis Time..: 05:41		

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

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: D1d1302-80-003

PURGE INFO

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

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) ____ (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 form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (µmhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
07 12 06	6.57	98	24.4	8.10	6.2	112	

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: Calm Outlook: Sunny, 80's Precipitation: Y or (N)

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

S03 located at the upstream end of the culvert that runs under Water Oak Rd.

SAMPLE TIME: 12:45

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
7,12,06	Matt Osborne	[signature]	JEI
7,12,06	Dan Girdner	[signature]	JEI

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

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 134 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: D6G130280 EJ

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

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 (circled: N)

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

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

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

WELL DATA

Well Elevation (at TOC) (ft/msl)
Depth to Water (DTW) (from TOC) (ft)
Groundwater Elevation (site datum, from TOC) (ft/msl)
Total Well Depth (from TOC) (ft)
Stick Up (from ground elevation) (ft)
Casing ID (in)
Casing Material

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

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
	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 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 ____
071206	742	119	246	82	57	80	

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: Calm Outlook: Sunny, 80's Precipitation: Y or N (circled: N)

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

S02 located upstream end of Culvert under Freeman RD., West of PIED. L.F.

SAMPLE TIME: 13:20

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
7/12/06	Matt Osborne	[signature]	JEI
7/12/06	Dan Girdner	[signature]	JEI

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

STL-8029WM R: 12/01

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

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: 060130250 09

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

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: —

Sampling Device: F

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

X-Other:

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

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

WELL DATA

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

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

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

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
:		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
071206	703	1522	283	121	42	-50	

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

FIELD COMMENTS

Sample Appearance: Slightly red Odor: none detected Color: lt. red Other: —

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

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

Surface point S01 located at southern boundary of the old closed Kernersville L.F., South of WM/PIEDMONT L.F.

SAMPLE TIME: 1415 FIELD BLANK @1515

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
7,12,06	DANIEL GIRDNER	Daniel Girdner	JEI
7,12,06	Matt Osborne	Matt Osborne	JEI

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

STL-8029WM (8312/00)

[redacted]

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

52

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
WASTE MANAGEMENT	MARK SNYDER	7/12/06	334709

Address	Telephone Number (Area Code)/Fax Number	Lab Number	
2859 PACES FERRY RD, STE. 1600	~~(803) 744-3342~~ (770) 805-3529		Page 1 of 1

City	State	Zip Code	Site Contact	Lab Contact
ATLANTA	GA	30339	MARK SNYDER	Betsy Sara

Project Name and Location (State)	Carrier/Waybill Number
Piedmont KERNERSVILLE, NC	FED-EX

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

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	VOA	Metals/Hg	Special Instructions/ Conditions of Receipt
S01	7/12/06	1415		X					X	X			X	X	NC APPENDIX I
S02	↓	1320		X					X	X			X	X	"
S03		1245		X					X	X			X	X	↓
S04		1305		X					X	X			X	X	
S05		1340		X					X	X			X	X	
TRIP BLANK	6/26/06	—		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 STANDARD

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Daniel Gridner	7/12/06	1700	1. Received By: [signature]	7/13/06	0900
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: Please include Field Blank from Groundwater Report on Surface Water Report. CHAIN COVERS 1 COOLER

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130280 **Matrix.....:** WATER
Date Sampled...: 07/11/06 09:35 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium									
	ND	2000	1980	ug/L	99		SW846 6010B	07/18-07/19/06	H87Q61CC
	ND	2000	1950	ug/L	98	1.5	SW846 6010B	07/18-07/19/06	H87Q61CD
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Vanadium									
	ND	500	506	ug/L	101		SW846 6010B	07/18-07/19/06	H87Q61CE
	ND	500	499	ug/L	100	1.4	SW846 6010B	07/18-07/19/06	H87Q61CF
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Zinc									
	ND	500	465	ug/L	90		SW846 6010B	07/18-07/19/06	H87Q61CG
	ND	500	464	ug/L	89	0.31	SW846 6010B	07/18-07/19/06	H87Q61CH
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Silver									
	ND	50.0	51.0	ug/L	102		SW846 6010B	07/18-07/19/06	H87Q61CJ
	ND	50.0	50.7	ug/L	101	0.55	SW846 6010B	07/18-07/19/06	H87Q61CK
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Cobalt									
	ND	500	492	ug/L	98		SW846 6010B	07/18-07/19/06	H87Q61CL
	ND	500	488	ug/L	98	0.78	SW846 6010B	07/18-07/19/06	H87Q61CM
			Dilution Factor: 1						
			Analysis Time..: 06:06						

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130280 **Matrix.....:** WATER
Date Sampled...: 07/11/06 09:35 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G130385-001 **Prep Batch #...:** 6195322									
Barium									
	ND	2000	2240	ug/L	108		SW846 6010B	07/18-07/19/06	H87Q61AV
	ND	2000	2200	ug/L	106	1.7	SW846 6010B	07/18-07/19/06	H87Q61AW
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Chromium									
	ND	200	200	ug/L	100		SW846 6010B	07/18-07/19/06	H87Q61AX
	ND	200	197	ug/L	99	1.3	SW846 6010B	07/18-07/19/06	H87Q61A0
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Copper									
	ND	250	262	ug/L	105		SW846 6010B	07/18-07/19/06	H87Q61A1
	ND	250	257	ug/L	103	1.8	SW846 6010B	07/18-07/19/06	H87Q61A2
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Nickel									
	ND	500	503	ug/L	100		SW846 6010B	07/18-07/19/06	H87Q61A3
	ND	500	498	ug/L	99	0.87	SW846 6010B	07/18-07/19/06	H87Q61A4
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Lead									
	ND	500	504	ug/L	100		SW846 6010B	07/18-07/19/06	H87Q61A5
	ND	500	497	ug/L	99	1.4	SW846 6010B	07/18-07/19/06	H87Q61A6
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Antimony									
	ND	500	501	ug/L	99		SW846 6010B	07/18-07/19/06	H87Q61A7
	ND	500	495	ug/L	98	1.2	SW846 6010B	07/18-07/19/06	H87Q61A8
			Dilution Factor: 1						
			Analysis Time..: 06:06						
Selenium									
	ND	2000	1970	ug/L	98		SW846 6010B	07/18-07/19/06	H87Q61A9
	ND	2000	1960	ug/L	98	0.39	SW846 6010B	07/18-07/19/06	H87Q61CA
			Dilution Factor: 1						
			Analysis Time..: 06:06						

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130280 **Matrix.....:** WATER
Date Sampled...: 07/11/06 09:35 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	101	(85 - 120)			SW846 6010B	07/18-07/19/06	H87Q61CE
	100	(85 - 120)	1.4	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61CF
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Zinc	90	(60 - 137)			SW846 6010B	07/18-07/19/06	H87Q61CG
	89	(60 - 137)	0.31	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61CH
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Silver	102	(75 - 141)			SW846 6010B	07/18-07/19/06	H87Q61CJ
	101	(75 - 141)	0.55	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61CK
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Cobalt	98	(82 - 119)			SW846 6010B	07/18-07/19/06	H87Q61CL
	98	(82 - 119)	0.78	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61CM
		Dilution Factor: 1					
		Analysis Time..: 06:06					

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130280 **Matrix.....:** WATER
Date Sampled...: 07/11/06 09:35 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G130385-001 **Prep Batch #...:** 6195322							
Barium	108	(85 - 120)			SW846 6010B	07/18-07/19/06	H87Q61AV
	106	(85 - 120)	1.7	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61AW
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Chromium	100	(73 - 135)			SW846 6010B	07/18-07/19/06	H87Q61AX
	99	(73 - 135)	1.3	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61A0
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Copper	105	(82 - 129)			SW846 6010B	07/18-07/19/06	H87Q61A1
	103	(82 - 129)	1.8	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61A2
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Nickel	100	(84 - 120)			SW846 6010B	07/18-07/19/06	H87Q61A3
	99	(84 - 120)	0.87	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61A4
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Lead	100	(89 - 121)			SW846 6010B	07/18-07/19/06	H87Q61A5
	99	(89 - 121)	1.4	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61A6
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Antimony	99	(81 - 124)			SW846 6010B	07/18-07/19/06	H87Q61A7
	98	(81 - 124)	1.2	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61A8
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Selenium	98	(71 - 140)			SW846 6010B	07/18-07/19/06	H87Q61A9
	98	(71 - 140)	0.39	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61CA
		Dilution Factor: 1					
		Analysis Time..: 06:06					
Thallium	99	(90 - 116)			SW846 6010B	07/18-07/19/06	H87Q61CC
	98	(90 - 116)	1.5	(0-25)	SW846 6010B	07/18-07/19/06	H87Q61CD
		Dilution Factor: 1					
		Analysis Time..: 06:06					

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130280 **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:15 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium									
	ND	50.0	49.7	ug/L	99		SW846 6010B	07/18-07/19/06	H862A1CR
	ND	50.0	47.8	ug/L	96	3.9	SW846 6010B	07/18-07/19/06	H862A1CT

Dilution Factor: 1
Analysis Time..: 05:20

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130280 **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:15 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	500	511	ug/L	102		SW846 6010B	07/18-07/19/06	H862A1CA
	ND	500	492	ug/L	98	3.8	SW846 6010B	07/18-07/19/06	H862A1CC
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Selenium									
	ND	2000	2000	ug/L	100		SW846 6010B	07/18-07/19/06	H862A1CD
	ND	2000	1940	ug/L	97	2.9	SW846 6010B	07/18-07/19/06	H862A1CE
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Thallium									
	ND	2000	2020	ug/L	101		SW846 6010B	07/18-07/19/06	H862A1CF
	ND	2000	1950	ug/L	97	3.8	SW846 6010B	07/18-07/19/06	H862A1CG
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Vanadium									
	ND	500	519	ug/L	103		SW846 6010B	07/18-07/19/06	H862A1CH
	ND	500	498	ug/L	99	4.0	SW846 6010B	07/18-07/19/06	H862A1CJ
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Zinc									
	ND	500	465	ug/L	92		SW846 6010B	07/18-07/19/06	H862A1CK
	ND	500	445	ug/L	88	4.3	SW846 6010B	07/18-07/19/06	H862A1CL
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Silver									
	ND	50.0	52.0	ug/L	104		SW846 6010B	07/18-07/19/06	H862A1CM
	ND	50.0	49.8	ug/L	99	4.4	SW846 6010B	07/18-07/19/06	H862A1CN
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Cobalt									
	ND	500	507	ug/L	101		SW846 6010B	07/18-07/19/06	H862A1CP
	ND	500	487	ug/L	97	4.0	SW846 6010B	07/18-07/19/06	H862A1CQ
			Dilution Factor: 1						
			Analysis Time..: 05:20						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130280 **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:15 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G130280-001 **Prep Batch #...:** 6195322									
Arsenic									
	ND	2000	2010	ug/L	101		SW846 6010B	07/18-07/19/06	H862A1AU
	ND	2000	1940	ug/L	97	3.7	SW846 6010B	07/18-07/19/06	H862A1AV
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Barium									
	ND	2000	2260	ug/L	111		SW846 6010B	07/18-07/19/06	H862A1AW
	ND	2000	2180	ug/L	107	3.4	SW846 6010B	07/18-07/19/06	H862A1AX
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Beryllium									
	ND	50.0	52.5	ug/L	105		SW846 6010B	07/18-07/19/06	H862A1A0
	ND	50.0	50.6	ug/L	101	3.8	SW846 6010B	07/18-07/19/06	H862A1A1
			Dilution Factor: 1						
			Analysis Time..: 11:57						
Chromium									
	ND	200	204	ug/L	102		SW846 6010B	07/18-07/19/06	H862A1A2
	ND	200	195	ug/L	98	4.5	SW846 6010B	07/18-07/19/06	H862A1A3
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Copper									
	ND	250	264	ug/L	105		SW846 6010B	07/18-07/19/06	H862A1A4
	ND	250	255	ug/L	102	3.3	SW846 6010B	07/18-07/19/06	H862A1A5
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Nickel									
	ND	500	510	ug/L	102		SW846 6010B	07/18-07/19/06	H862A1A6
	ND	500	492	ug/L	98	3.6	SW846 6010B	07/18-07/19/06	H862A1A7
			Dilution Factor: 1						
			Analysis Time..: 05:20						
Lead									
	ND	500	512	ug/L	102		SW846 6010B	07/18-07/19/06	H862A1A8
	ND	500	494	ug/L	99	3.6	SW846 6010B	07/18-07/19/06	H862A1A9
			Dilution Factor: 1						
			Analysis Time..: 05:20						

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130280 **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:15 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	100	(71 - 140)			SW846 6010B	07/18-07/19/06	H862A1CD
	97	(71 - 140)	2.9	(0-25)	SW846 6010B	07/18-07/19/06	H862A1CE
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Thallium	101	(90 - 116)			SW846 6010B	07/18-07/19/06	H862A1CF
	97	(90 - 116)	3.8	(0-25)	SW846 6010B	07/18-07/19/06	H862A1CG
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Vanadium	103	(85 - 120)			SW846 6010B	07/18-07/19/06	H862A1CH
	99	(85 - 120)	4.0	(0-25)	SW846 6010B	07/18-07/19/06	H862A1CJ
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Zinc	92	(60 - 137)			SW846 6010B	07/18-07/19/06	H862A1CK
	88	(60 - 137)	4.3	(0-25)	SW846 6010B	07/18-07/19/06	H862A1CL
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Silver	104	(75 - 141)			SW846 6010B	07/18-07/19/06	H862A1CM
	99	(75 - 141)	4.4	(0-25)	SW846 6010B	07/18-07/19/06	H862A1CN
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Cobalt	101	(82 - 119)			SW846 6010B	07/18-07/19/06	H862A1CP
	97	(82 - 119)	4.0	(0-25)	SW846 6010B	07/18-07/19/06	H862A1CQ
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Cadmium	99	(82 - 119)			SW846 6010B	07/18-07/19/06	H862A1CR
	96	(82 - 119)	3.9	(0-25)	SW846 6010B	07/18-07/19/06	H862A1CT
		Dilution Factor: 1					
		Analysis Time..: 05:20					

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130280 **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:15 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G130280-001 **Prep Batch #...:** 6195322							
Arsenic	101	(84 - 124)			SW846 6010B	07/18-07/19/06	H862A1AU
	97	(84 - 124)	3.7	(0-25)	SW846 6010B	07/18-07/19/06	H862A1AV
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Barium	111	(85 - 120)			SW846 6010B	07/18-07/19/06	H862A1AW
	107	(85 - 120)	3.4	(0-25)	SW846 6010B	07/18-07/19/06	H862A1AX
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Beryllium	105	(79 - 121)			SW846 6010B	07/18-07/19/06	H862A1A0
	101	(79 - 121)	3.8	(0-25)	SW846 6010B	07/18-07/19/06	H862A1A1
		Dilution Factor: 1					
		Analysis Time..: 11:57					
Chromium	102	(73 - 135)			SW846 6010B	07/18-07/19/06	H862A1A2
	98	(73 - 135)	4.5	(0-25)	SW846 6010B	07/18-07/19/06	H862A1A3
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Copper	105	(82 - 129)			SW846 6010B	07/18-07/19/06	H862A1A4
	102	(82 - 129)	3.3	(0-25)	SW846 6010B	07/18-07/19/06	H862A1A5
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Nickel	102	(84 - 120)			SW846 6010B	07/18-07/19/06	H862A1A6
	98	(84 - 120)	3.6	(0-25)	SW846 6010B	07/18-07/19/06	H862A1A7
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Lead	102	(89 - 121)			SW846 6010B	07/18-07/19/06	H862A1A8
	99	(89 - 121)	3.6	(0-25)	SW846 6010B	07/18-07/19/06	H862A1A9
		Dilution Factor: 1					
		Analysis Time..: 05:20					
Antimony	102	(81 - 124)			SW846 6010B	07/18-07/19/06	H862A1CA
	98	(81 - 124)	3.8	(0-25)	SW846 6010B	07/18-07/19/06	H862A1CC
		Dilution Factor: 1					
		Analysis Time..: 05:20					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130280 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium	50.0	50.2	ug/L	100	SW846 6010B	07/18-07/19/06	H89M41A9

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

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130280 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D6G140000-322 **Prep Batch #...:** 6195322							
Arsenic	2000	2020	ug/L	101	SW846 6010B	07/18-07/19/06	H89M41AT
			Dilution Factor: 1		Analysis Time..: 05:05		
Barium	2000	2190	ug/L	110	SW846 6010B	07/18-07/19/06	H89M41AU
			Dilution Factor: 1		Analysis Time..: 05:05		
Beryllium	50.0	52.1	ug/L	104	SW846 6010B	07/18-07/19/06	H89M41AV
			Dilution Factor: 1		Analysis Time..: 11:42		
Chromium	200	203	ug/L	102	SW846 6010B	07/18-07/19/06	H89M41AW
			Dilution Factor: 1		Analysis Time..: 05:05		
Copper	250	259	ug/L	104	SW846 6010B	07/18-07/19/06	H89M41AX
			Dilution Factor: 1		Analysis Time..: 05:05		
Nickel	500	509	ug/L	102	SW846 6010B	07/18-07/19/06	H89M41A0
			Dilution Factor: 1		Analysis Time..: 05:05		
Lead	500	509	ug/L	102	SW846 6010B	07/18-07/19/06	H89M41A1
			Dilution Factor: 1		Analysis Time..: 05:05		
Antimony	500	510	ug/L	102	SW846 6010B	07/18-07/19/06	H89M41A2
			Dilution Factor: 1		Analysis Time..: 05:05		
Selenium	2000	2000	ug/L	100	SW846 6010B	07/18-07/19/06	H89M41A3
			Dilution Factor: 1		Analysis Time..: 05:05		
Thallium	2000	2010	ug/L	100	SW846 6010B	07/18-07/19/06	H89M41A4
			Dilution Factor: 1		Analysis Time..: 05:05		
Vanadium	500	515	ug/L	103	SW846 6010B	07/18-07/19/06	H89M41A5
			Dilution Factor: 1		Analysis Time..: 05:05		
Zinc	500	467	ug/L	93	SW846 6010B	07/18-07/19/06	H89M41A6
			Dilution Factor: 1		Analysis Time..: 05:05		
Silver	50.0	51.8	ug/L	104	SW846 6010B	07/18-07/19/06	H89M41A7
			Dilution Factor: 1		Analysis Time..: 05:05		
Cobalt	500	503	ug/L	101	SW846 6010B	07/18-07/19/06	H89M41A8
			Dilution Factor: 1		Analysis Time..: 05:05		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130280 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium	100	(88 - 111)	SW846 6010B	07/18-07/19/06	H89M41A9

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

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130280 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D6G140000-322 **Prep Batch #...:** 6195322					
Arsenic	101	(88 - 109)	SW846 6010B	07/18-07/19/06	H89M41AT
		Dilution Factor: 1		Analysis Time..: 05:05	
Barium	110	(92 - 112)	SW846 6010B	07/18-07/19/06	H89M41AU
		Dilution Factor: 1		Analysis Time..: 05:05	
Beryllium	104	(89 - 113)	SW846 6010B	07/18-07/19/06	H89M41AV
		Dilution Factor: 1		Analysis Time..: 11:42	
Chromium	102	(90 - 113)	SW846 6010B	07/18-07/19/06	H89M41AW
		Dilution Factor: 1		Analysis Time..: 05:05	
Copper	104	(86 - 112)	SW846 6010B	07/18-07/19/06	H89M41AX
		Dilution Factor: 1		Analysis Time..: 05:05	
Nickel	102	(89 - 111)	SW846 6010B	07/18-07/19/06	H89M41A0
		Dilution Factor: 1		Analysis Time..: 05:05	
Lead	102	(89 - 109)	SW846 6010B	07/18-07/19/06	H89M41A1
		Dilution Factor: 1		Analysis Time..: 05:05	
Antimony	102	(88 - 108)	SW846 6010B	07/18-07/19/06	H89M41A2
		Dilution Factor: 1		Analysis Time..: 05:05	
Selenium	100	(90 - 110)	SW846 6010B	07/18-07/19/06	H89M41A3
		Dilution Factor: 1		Analysis Time..: 05:05	
Thallium	100	(88 - 108)	SW846 6010B	07/18-07/19/06	H89M41A4
		Dilution Factor: 1		Analysis Time..: 05:05	
Vanadium	103	(91 - 111)	SW846 6010B	07/18-07/19/06	H89M41A5
		Dilution Factor: 1		Analysis Time..: 05:05	
Zinc	93	(84 - 111)	SW846 6010B	07/18-07/19/06	H89M41A6
		Dilution Factor: 1		Analysis Time..: 05:05	
Silver	104	(86 - 120)	SW846 6010B	07/18-07/19/06	H89M41A7
		Dilution Factor: 1		Analysis Time..: 05:05	
Cobalt	101	(89 - 111)	SW846 6010B	07/18-07/19/06	H89M41A8
		Dilution Factor: 1		Analysis Time..: 05:05	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D6G130280 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H89M41AN
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H89M41AP
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H89M41AQ
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Cadmium	ND	1.0	ug/L	SW846 6010B	07/18-07/19/06	H89M41AR
		Dilution Factor: 1				
		Analysis Time..: 04:59				

NOTE(S):

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D6G130280 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D6G140000-322 **Prep Batch #...:** 6195322						
Arsenic	ND	5.0	ug/L	SW846 6010B	07/18-07/19/06	H89M41AA
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Barium	ND	500	ug/L	SW846 6010B	07/18-07/19/06	H89M41AC
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Beryllium	ND	2.0	ug/L	SW846 6010B	07/18-07/19/06	H89M41AD
		Dilution Factor: 1				
		Analysis Time..: 11:37				
Chromium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H89M41AE
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H89M41AF
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Nickel	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H89M41AG
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H89M41AH
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H89M41AJ
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H89M41AK
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Thallium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H89M41AL
		Dilution Factor: 1				
		Analysis Time..: 04:59				
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H89M41AM
		Dilution Factor: 1				
		Analysis Time..: 04:59				

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D6G130280 **Work Order #...:** H850D1D8-MS **Matrix.....:** WATER
MS Lot-Sample #: D6G130171-001 H850D1D9-MSD
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 08:45
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	11.3	ug/L	113		SW846 8260B
	ND	10.0	11.6	ug/L	116	2.7	SW846 8260B
Benzene	ND	10.0	10.9	ug/L	106		SW846 8260B
	ND	10.0	10.6	ug/L	103	2.6	SW846 8260B
Chlorobenzene	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	11.0	ug/L	110	4.7	SW846 8260B
Toluene	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	10.3	ug/L	103	8.5	SW846 8260B
Trichloroethene	ND	10.0	10.5	ug/L	96		SW846 8260B
	ND	10.0	10.2	ug/L	93	2.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(79 - 119)
	102	(79 - 119)
1,2-Dichloroethane-d4	95	(65 - 126)
	100	(65 - 126)
4-Bromofluorobenzene	100	(75 - 115)
	103	(75 - 115)
Toluene-d8	100	(78 - 118)
	108	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D6G130280 **Work Order #...:** H850D1D8-MS **Matrix.....:** WATER
MS Lot-Sample #: D6G130171-001 H850D1D9-MSD
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 08:45
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**113**	**(68 - 133)**			**SW846 8260B**
	116	**(68 - 133)**	**2.7**	**(0-20)**	**SW846 8260B**
Benzene	**106**	**(77 - 118)**			**SW846 8260B**
	103	**(77 - 118)**	**2.6**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**105**	**(78 - 118)**			**SW846 8260B**
	110	**(78 - 118)**	**4.7**	**(0-20)**	**SW846 8260B**
Toluene	**112**	**(73 - 120)**			**SW846 8260B**
	103	**(73 - 120)**	**8.5**	**(0-20)**	**SW846 8260B**
Trichloroethene	**96**	**(78 - 122)**			**SW846 8260B**
	93	**(78 - 122)**	**2.5**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(79 - 119)
	102	(79 - 119)
1,2-Dichloroethane-d4	95	(65 - 126)
	100	(65 - 126)
4-Bromofluorobenzene	100	(75 - 115)
	103	(75 - 115)
Toluene-d8	100	(78 - 118)
	108	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D6G130280 **Work Order #...:** H9V751AC **Matrix.....:** WATER
LCS Lot-Sample#: D6G240000-089
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 07:46
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**11.2**	**ug/L**	**112**	**SW846 8260B**
Benzene	**10.0**	**10.0**	**ug/L**	**100**	**SW846 8260B**
Chlorobenzene	**10.0**	**10.3**	**ug/L**	**103**	**SW846 8260B**
Toluene	**10.0**	**10.4**	**ug/L**	**104**	**SW846 8260B**
Trichloroethene	**10.0**	**9.55**	**ug/L**	**95**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(79 - 119)
1,2-Dichloroethane-d4	99	(65 - 126)
4-Bromofluorobenzene	100	(75 - 115)
Toluene-d8	103	(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 #...: D6G130280 **Work Order #...:** H9V751AC **Matrix.....:** WATER
LCS Lot-Sample#: D6G240000-089
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 07:46
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**112**	**(68 - 133)**	**SW846 8260B**
Benzene	**100**	**(77 - 118)**	**SW846 8260B**
Chlorobenzene	**103**	**(78 - 118)**	**SW846 8260B**
Toluene	**104**	**(73 - 120)**	**SW846 8260B**
Trichloroethene	**95**	**(78 - 122)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(79 - 119)
1,2-Dichloroethane-d4	99	(65 - 126)
4-Bromofluorobenzene	100	(75 - 115)
Toluene-d8	103	(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

GC/MS Volatiles

Client Lot #...: D6G130280 **Work Order #...:** H9V751AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichlorofluoromethane	ND	5.0	ug/L	SW846 8260B
Iodomethane	ND	10	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	15	ug/L	SW846 8260B
Vinyl acetate	ND	50	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(79 - 119)
1,2-Dichloroethane-d4	100	(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.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D6G130280 **Work Order #...:** H9V751AA **Matrix.....:** WATER
MB Lot-Sample #: D6G240000-089
Prep Date.....: 07/21/06 **Analysis Time..:** 08:05
Analysis Date..: 07/21/06 **Prep Batch #...:** 6205089
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	100	ug/L	SW846 8260B
Benzene	ND	5.0	ug/L	SW846 8260B
Bromodichloromethane	ND	5.0	ug/L	SW846 8260B
Bromoform	ND	5.0	ug/L	SW846 8260B
Bromomethane	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	100	ug/L	SW846 8260B
Carbon tetrachloride	ND	10	ug/L	SW846 8260B
Chlorobenzene	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	5.0	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	10	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	10	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	10	ug/L	SW846 8260B
Ethylbenzene	ND	5.0	ug/L	SW846 8260B
2-Hexanone	ND	50	ug/L	SW846 8260B
Methylene chloride	ND	10	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	5.0	ug/L	SW846 8260B
Tetrachloroethene	ND	5.0	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	5.0	ug/L	SW846 8260B
Vinyl chloride	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	5.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	100	ug/L	SW846 8260B
Acrylonitrile	ND	200	ug/L	SW846 8260B
Bromochloromethane	ND	5.0	ug/L	SW846 8260B
Dibromomethane	ND	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	100	ug/L	SW846 8260B

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D6G130280

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		6205089	6205163
	WATER	SW846 6010B		6195322	6195208
002	WATER	SW846 8260B		6205089	6205163
	WATER	SW846 6010B		6195322	6195208
003	WATER	SW846 8260B		6205089	6205163
	WATER	SW846 6010B		6195322	6195208
004	WATER	SW846 8260B		6205089	6205163
	WATER	SW846 6010B		6195322	6195208
005	WATER	SW846 8260B		6205089	6205163
	WATER	SW846 6010B		6195322	6195208
006	WATER	SW846 8260B		6205089	6205163

Waste Management, Inc.

Client Sample ID: S05

TOTAL Metals

Lot-Sample #...: D6G130280-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862G1AR
		Dilution Factor: 1		Analysis Time..: 05:46		
Cadmium	ND	1.0	ug/L	SW846 6010B	07/18-07/19/06	H862G1AT
		Dilution Factor: 1		Analysis Time..: 05:46		

Waste Management, Inc.

Client Sample ID: S05

TOTAL Metals

Lot-Sample #...: D6G130280-005 **Matrix.....:** WATER
Date Sampled...: 07/12/06 13:40 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195322						
Arsenic	ND	5.0	ug/L	SW846 6010B	07/18-07/19/06	H862G1AC
		Dilution Factor: 1		Analysis Time..: 05:46		
Barium	ND	500	ug/L	SW846 6010B	07/18-07/19/06	H862G1AD
		Dilution Factor: 1		Analysis Time..: 05:46		
Beryllium	ND	2.0	ug/L	SW846 6010B	07/18-07/19/06	H862G1AE
		Dilution Factor: 1		Analysis Time..: 12:23		
Chromium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862G1AF
		Dilution Factor: 1		Analysis Time..: 05:46		
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H862G1AG
		Dilution Factor: 1		Analysis Time..: 05:46		
Nickel	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H862G1AH
		Dilution Factor: 1		Analysis Time..: 05:46		
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862G1AJ
		Dilution Factor: 1		Analysis Time..: 05:46		
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H862G1AK
		Dilution Factor: 1		Analysis Time..: 05:46		
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H862G1AL
		Dilution Factor: 1		Analysis Time..: 05:46		
Thallium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862G1AM
		Dilution Factor: 1		Analysis Time..: 05:46		
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H862G1AN
		Dilution Factor: 1		Analysis Time..: 05:46		
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H862G1AP
		Dilution Factor: 1		Analysis Time..: 05:46		
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H862G1AQ
		Dilution Factor: 1		Analysis Time..: 05:46		

(Continued on next page)

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: D6h130280-004

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

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) (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								
2nd								
3rd								
4th								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

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

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
07 12 06	7.43	1119	24.3	6.9	7.5	94	

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: Calm Outlook: Sunny, 80's Precipitation: Y or (N)

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

S04 - located at the upstream end of the culvert that passes under Church Rd., North of PIED. L.F.

SAMPLE TIME: 13:05

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
7.12.06	Matt Osborne	Matt Osborne	JEI
7.12.06	Dan Girdner	D. Girdner	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: S05 (Sample ID)

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

Laboratory Use Only/Lab ID: Dieh1302806-005

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

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

PURGE/SAMPLE EQUIPMENT

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

Purging Device: —

Sampling Device: F

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

X-Other:

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

Filter Type: —

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: —

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

WELL DATA

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

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

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

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
		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 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
07 12 06	7.40	1552	25.8	11.5	4.6	-24	

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: Calm Outlook: Sunny, 80's Precipitation: Y or (N)

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

S05 - located along southside of Freeman RD., behind MW 12 S+D

SAMPLE TIME: 13:40

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
7.12.06	Matt Osborne	Matthew Osborne	JEI
7.12.06	Dan Gardner	Dan Gardner	JEI

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

APPENDIX 1 – PART 3

LABORATORY ANALYTICAL RESULTS

Assessment Monitoring Well
(MW-9R)

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 #: D6G130171

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

July 28, 2006

RECEIVED JUL 31 2006

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.*

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

Case Narrative

Enclosed is the report for two samples received at STL Denver on July 13, 2006. 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 D6G130171

Sample Receiving

The cooler temperature upon receipt at the Denver laboratory was 2.4°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)

The method required MS/MSD could not be performed for Method 8270C, Method 8081A, Method 8151A, and Method 9030B/9034 due to insufficient sample volume, however, LCS/LCSD pairs were analyzed to demonstrate method precision.

The percent recoveries and/or the relative percent difference of the MS/MSD performed on sample MW09R were not calculated for Total Manganese during Method 6010B analysis because the sample concentration was greater than four times the spike amount.

The Matrix Spike and Matrix Spike Duplicate performed on an unrelated sample exhibited MS and MSD recoveries outside control limits for Total Mercury Method 7470A. Because the corresponding Laboratory Control Sample and the Method Blank sample were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

Due to the result concentration exceeding the calibration range the MS/MSD results for Dissolved Sulfate Method 375.4 are estimated. The Method 375.4 MS/MSD was performed on an unrelated sample.

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

Organics

The Continuing Calibration Verification (CCV) standard for Methoxychlor by Method 8081A exceeded the percent difference limit. However, the overall mean percent difference is within control limits, therefore, the CCV is also in control and no corrective action was necessary. In addition, the associated sample MW09R was non-detect for all Method 8081A target analytes.

The Continuing Calibration Verification (CCV) standard for 2,4,5-TP (Silvex), DCAA, and 2,4-D by Method 8151A exceeded the percent difference limits. However, the overall mean percent difference is within control limits, therefore, the CCV is also in control and no corrective action was necessary. In addition, the associated sample MW09R was non-detect for all Method 8151A target analytes.

EXECUTIVE SUMMARY - Detection Highlights

D6G130171

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW09R 07/12/06 10:30 001				
Manganese	2300	10	ug/L	SW846 6010B
Sodium	20000	1000	ug/L	SW846 6010B
Magnesium	25000	200	ug/L	SW846 6010B
Calcium	67000	200	ug/L	SW846 6010B
Iron	2100	100	ug/L	SW846 6010B
1,1-Dichloroethane	11	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	6.5	5.0	ug/L	SW846 8260B
Total Dissolved Solids	360	10	mg/L	MCAWW 160.1
Chloride	13	0.30	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	280	5.0	mg/L	MCAWW 310.1
Total Alkalinity	280	5.0	mg/L	MCAWW 310.1
Ammonia as N	0.095	0.040	mg/L	MCAWW 350.1

PREPARATION METHODS SUMMARY

D6G130171

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
Ammonia preparation	MCAWW 350.1	MCAWW 350.1
Bicarbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Carbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Chloride	MCAWW 300.0A	MCAWW 300.0A
Continuous liquid extraction	SW846 8151A	SW846 8151A
Continuous Liquid-Liquid Extraction	SW846 3520C	SW846 8270C
Distillation procedure	MCAWW 335.3	MCAWW 335.3
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Mercury Sample Preparation	SW846 7470A	SW846 7470A
Potentiometric titration to preselected pH	MCAWW 310.1	MCAWW 310.1
Result obtained by calculation	MCAWW 353.2	MCAWW 353.2
Sep Funnel Extraction with Acid Strip	SW846 3510C	SW846 8082
Separatory Funnel Liquid-Liquid Extraction	SW846 3510C	SW846 8081A
Sulfate	MCAWW 375.4	MCAWW 375.4
Sulfides, Total	SW846 9030B/903	SW846 9030B/903
Total Organic Carbon	MCAWW 415.1	MCAWW 415.1
25 mL Purge-and-Trap	SW846 5030B/826	SW846 8260B

References:

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

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

ANALYTICAL METHODS SUMMARY

D6G130171

PARAMETER	ANALYTICAL METHOD
Alkalinity	MCAWW 310.1
Bicarbonate Alkalinity	MCAWW 310.1
Carbonate Alkalinity	MCAWW 310.1
Chloride	MCAWW 300.0A
Chlorinated Herbicides by GC	SW846 8151A
Filterable Residue (TDS)	MCAWW 160.1
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Nitrate	MCAWW 353.2
Nitrogen, Ammonia	MCAWW 350.1
Organochlorine Pesticides	SW846 8081A
PCBs by SW-846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Sulfate	MCAWW 375.4
Sulfides, Total 9030B/9034	SW846 9030B/9034
Total Cyanide	MCAWW 335.3
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

D6G130171

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 160.1	Christopher Grisdale	009582
MCAWW 300.0A	Ewa Kudla	001167
MCAWW 310.1	Andrew M. Perlman	008060
MCAWW 335.3	Dusti O. Criqui	006589
MCAWW 350.1	Duane Allee	001470
MCAWW 353.2	Duane Allee	001470
MCAWW 375.4	Eva Jonska-Muteba	004988
MCAWW 415.1	Dusti O. Criqui	006589
SW846 6010B	Lynn-Anne Trudell	6645
SW846 7470A	Janice S. Collins	011668
SW846 8081A	Heather Dybas	038161
SW846 8082	Teresa L. Williams	002510
SW846 8151A	Heather Dybas	038161
SW846 8260B	Greg Meier	006004
SW846 8270C	Mike G. Hoffman	001880
SW846 9030B/9034	Duane Allee	001470

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

D6G130171

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
H850D	001	MW09R	07/12/06	10:30
H850E	002	TRPBLK	07/12/06	

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: MW09R

GC/MS Volatiles

Lot-Sample #...: D6G130171-001 **Work Order #...:** H850D1AT **Matrix.....:** WATER
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 08:26
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acetonitrile	ND	100	ug/L
Acrolein	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
2-Butanone (MEK)	ND	100	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Chloroprene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Allyl chloride	ND	10	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,3-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
Dichlorodifluoromethane	ND	5.0	ug/L
1,1-Dichloroethane	**11**	**5.0**	**ug/L**
1,2-Dichloroethane	ND	5.0	ug/L
cis-1,2-Dichloroethene	**6.5**	**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	5.0	ug/L
1,3-Dichloropropane	ND	5.0	ug/L
2,2-Dichloropropane	ND	15	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: MW09R

GC/MS Volatiles

Lot-Sample #...: D6G130171-001 **Work Order #...:** H850D1AT **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
trans-1,3-Dichloropropene	ND	10	ug/L
1,1-Dichloropropene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
Ethyl methacrylate	ND	10	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Isobutyl alcohol	ND	50	ug/L
Methacrylonitrile	ND	100	ug/L
Methylene chloride	ND	10	ug/L
Methyl methacrylate	ND	30	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Propionitrile	ND	150	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
Tetrachloroethene	ND	5.0	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	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(79 - 119)
1,2-Dichloroethane-d4	84	(65 - 126)
4-Bromofluorobenzene	93	(75 - 115)
Toluene-d8	99	(78 - 118)

Waste Management, Inc.

Client Sample ID: TRPBLK

GC/MS Volatiles

Lot-Sample #...: D6G130171-002 **Work Order #...:** H850E1AA **Matrix.....:** WATER
Date Sampled...: 07/12/06 **Date Received..:** 07/13/06
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 09:22
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acetonitrile	ND	100	ug/L
Acrolein	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
2-Butanone (MEK)	ND	100	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Chloroprene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Allyl chloride	ND	10	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,3-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
Dichlorodifluoromethane	ND	5.0	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
1,3-Dichloropropane	ND	5.0	ug/L
2,2-Dichloropropane	ND	15	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L

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Waste Management, Inc.

Client Sample ID: TRPBLK

GC/MS Volatiles

Lot-Sample #...: D6G130171-002 **Work Order #...:** H850E1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
trans-1,3-Dichloropropene	ND	10	ug/L
1,1-Dichloropropene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
Ethyl methacrylate	ND	10	ug/L
2-Hexanone	ND	50	ug/L
Iodomethane	ND	10	ug/L
Isobutyl alcohol	ND	50	ug/L
Methacrylonitrile	ND	100	ug/L
Methylene chloride	ND	10	ug/L
Methyl methacrylate	ND	30	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Propionitrile	ND	150	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
Tetrachloroethene	ND	5.0	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	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(79 - 119)
1,2-Dichloroethane-d4	99	(65 - 126)
4-Bromofluorobenzene	100	(75 - 115)
Toluene-d8	95	(78 - 118)

Waste Management, Inc.

Client Sample ID: MW09R

GC/MS Semivolatiles

Lot-Sample #...: D6G130171-001 **Work Order #...:** H850D1A5 **Matrix.....:** WATER
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06
Prep Date.....: 07/13/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6194435 **Analysis Time..:** 20:33
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	10	ug/L
Acenaphthylene	ND	10	ug/L
Acetophenone	ND	10	ug/L
2-Acetylaminofluorene	ND	20	ug/L
4-Aminobiphenyl	ND	20	ug/L
Anthracene	ND	10	ug/L
Benzo(a)anthracene	ND	10	ug/L
Benzo(b)fluoranthene	ND	10	ug/L
Benzo(k)fluoranthene	ND	10	ug/L
Benzo(ghi)perylene	ND	10	ug/L
Benzo(a)pyrene	ND	10	ug/L
Benzyl alcohol	ND	20	ug/L
bis(2-Chloroethoxy) methane	ND	10	ug/L
bis(2-Chloroethyl)-ether	ND	10	ug/L
bis(2-Ethylhexyl) phthalate	ND	20	ug/L
4-Bromophenyl phenyl ether	ND	10	ug/L
Butyl benzyl phthalate	ND	10	ug/L
4-Chloroaniline	ND	20	ug/L
Chlorobenzilate	ND	10	ug/L
4-Chloro-3-methylphenol	ND	20	ug/L
2-Chloronaphthalene	ND	10	ug/L
2-Chlorophenol	ND	10	ug/L
4-Chlorophenyl phenyl ether	ND	10	ug/L
Chrysene	ND	10	ug/L
Diallate	ND	10	ug/L
Dibenz(a,h)anthracene	ND	10	ug/L
Dibenzofuran	ND	10	ug/L
Di-n-butyl phthalate	ND	10	ug/L
3,3'-Dichlorobenzidine	ND	20	ug/L
2,4-Dichlorophenol	ND	10	ug/L
2,6-Dichlorophenol	ND	10	ug/L
Diethyl phthalate	ND	10	ug/L
Dimethoate	ND	20	ug/L

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Waste Management, Inc.

Client Sample ID: MW09R

GC/MS Semivolatiles

Lot-Sample #...: D6G130171-001 **Work Order #...:** H850D1A5 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4-Dimethylaminoazobenzene	ND	10	ug/L
7,12-Dimethylbenz(a)-anthracene	ND	10	ug/L
3,3'-Dimethylbenzidine	ND	15	ug/L
2,4-Dimethylphenol	ND	10	ug/L
Dimethyl phthalate	ND	10	ug/L
1,3-Dinitrobenzene	ND	20	ug/L
4,6-Dinitro-2-methylphenol	ND	50	ug/L
2,4-Dinitrophenol	ND	50	ug/L
2,4-Dinitrotoluene	ND	10	ug/L
2,6-Dinitrotoluene	ND	10	ug/L
Di-n-octyl phthalate	ND	10	ug/L
Diphenylamine	ND	10	ug/L
Disulfoton	ND	10	ug/L
Ethyl methanesulfonate	ND	20	ug/L
Famphur	ND	30	ug/L
Fluoranthene	ND	10	ug/L
Fluorene	ND	10	ug/L
Hexachlorobenzene	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
Hexachlorocyclopenta-diene	ND	10	ug/L
Hexachloroethane	ND	10	ug/L
Hexachloropropene	ND	10	ug/L
Indeno(1,2,3-cd)pyrene	ND	10	ug/L
Isodrin	ND	20	ug/L
Isophorone	ND	10	ug/L
Isosafrole	ND	10	ug/L
Methapyrilene	ND	100	ug/L
3-Methylcholanthrene	ND	10	ug/L
Methyl methanesulfonate	ND	10	ug/L
2-Methylnaphthalene	ND	10	ug/L
Methyl parathion	ND	10	ug/L
2-Methylphenol	ND	10	ug/L
3-Methylphenol & 4-Methylphenol	ND	10	ug/L
Naphthalene	ND	10	ug/L
1,4-Naphthoquinone	ND	10	ug/L
1-Naphthylamine	ND	10	ug/L
2-Naphthylamine	ND	10	ug/L
2-Nitroaniline	ND	50	ug/L
3-Nitroaniline	ND	50	ug/L

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Waste Management, Inc.

Client Sample ID: MW09R

GC/MS Semivolatiles

Lot-Sample #...: D6G130171-001 **Work Order #...:** H850D1A5 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4-Nitroaniline	ND	20	ug/L
Nitrobenzene	ND	10	ug/L
2-Nitrophenol	ND	10	ug/L
4-Nitrophenol	ND	20	ug/L
N-Nitrosodi-n-butylamine	ND	10	ug/L
N-Nitrosodiethylamine	ND	20	ug/L
N-Nitrosodimethylamine	ND	10	ug/L
N-Nitrosodiphenylamine	ND	10	ug/L
N-Nitrosodi-n-propyl-amine	ND	10	ug/L
N-Nitrosomethylethylamine	ND	10	ug/L
N-Nitrosopiperidine	ND	20	ug/L
N-Nitrosopyrrolidine	ND	40	ug/L
5-Nitro-o-toluidine	ND	10	ug/L
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L
Parathion	ND	10	ug/L
Pentachlorobenzene	ND	10	ug/L
Pentachloronitrobenzene	ND	20	ug/L
Pentachlorophenol	ND	50	ug/L
Phenacetin	ND	20	ug/L
Phenanthrene	ND	10	ug/L
Phenol	ND	10	ug/L
4-Phenylenediamine	ND	40	ug/L
Phorate	ND	10	ug/L
Pronamide	ND	10	ug/L
Pyrene	ND	10	ug/L
Safrole	ND	10	ug/L
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L
2,3,4,6-Tetrachlorophenol	ND	10	ug/L
Thionazin	ND	20	ug/L
o-Toluidine	ND	10	ug/L
1,2,4-Trichloro-benzene	ND	10	ug/L
2,4,5-Trichloro-phenol	ND	10	ug/L
2,4,6-Trichloro-phenol	ND	10	ug/L
O,O,O-Triethylphosphoro-thioate	ND	10	ug/L
1,3,5-Trinitrobenzene	ND	10	ug/L

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Waste Management, Inc.

Client Sample ID: MW09R

GC/MS Semivolatiles

Lot-Sample #...: D6G130171-001 **Work Order #...:** H850D1A5 **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	67	(40 - 120)
Phenol-d5	69	(51 - 120)
Nitrobenzene-d5	67	(47 - 120)
2-Fluorobiphenyl	61	(42 - 120)
2,4,6-Tribromophenol	69	(47 - 120)
Terphenyl-d14	80	(30 - 127)

Waste Management, Inc.

Client Sample ID: MW09R

GC Semivolatiles

Lot-Sample #...: D6G130171-001 **Work Order #...:** H850D1A6 **Matrix.....:** WATER
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06
Prep Date.....: 07/14/06 **Analysis Date..:** 07/19/06
Prep Batch #...: 6195137 **Analysis Time..:** 00:39
Dilution Factor: 1

Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aldrin	ND	0.050	ug/L
alpha-BHC	ND	0.050	ug/L
beta-BHC	ND	0.050	ug/L
delta-BHC	ND	0.050	ug/L
gamma-BHC (Lindane)	ND	0.050	ug/L
Chlordane (technical)	ND	0.50	ug/L
4,4'-DDD	ND	0.10	ug/L
4,4'-DDE	ND	0.10	ug/L
4,4'-DDT	ND	0.10	ug/L
Dieldrin	ND	0.10	ug/L
Endosulfan I	ND	0.10	ug/L
Endosulfan II	ND	0.10	ug/L
Endosulfan sulfate	ND	0.10	ug/L
Endrin	ND	0.10	ug/L
Endrin aldehyde	ND	0.10	ug/L
Heptachlor	ND	0.050	ug/L
Heptachlor epoxide	ND	0.10	ug/L
Kepone	ND	20	ug/L
Methoxychlor	ND	1.0	ug/L
Toxaphene	ND	2.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	67	(20 - 144)
Tetrachloro-m-xylene	81	(25 - 132)

Waste Management, Inc.

Client Sample ID: MW09R

GC Semivolatiles

Lot-Sample #...: D6G130171-001 **Work Order #...:** H850D1A7 **Matrix.....:** WATER
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06
Prep Date.....: 07/14/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6195130 **Analysis Time..:** 17:50
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	2.0	ug/L
Aroclor 1221	ND	2.0	ug/L
Aroclor 1232	ND	2.0	ug/L
Aroclor 1242	ND	2.0	ug/L
Aroclor 1248	ND	2.0	ug/L
Aroclor 1254	ND	2.0	ug/L
Aroclor 1260	ND	2.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96	(51 - 122)
Decachlorobiphenyl	74	(41 - 138)

Waste Management, Inc.

Client Sample ID: MW09R

GC Semivolatiles

Lot-Sample #...: D6G130171-001 **Work Order #...:** H850D1A8 **Matrix.....:** WATER
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06
Prep Date.....: 07/18/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6199175 **Analysis Time..:** 23:18
Dilution Factor: 1

Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-D	ND	2.0	ug/L
2,4,5-TP (Silvex)	ND	2.0	ug/L
2,4,5-T	ND	2.0	ug/L
Dinoseb	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	84	(46 - 152)

Waste Management, Inc.

Client Sample ID: MW09R

TOTAL Metals

Lot-Sample #...: D6G130171-001 **Matrix.....:** WATER
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195321						
Sodium	**20000**	**1000**	**ug/L**	**SW846 6010B**	**07/18-07/19/06**	**H850D1CJ**
		Dilution Factor: 1		Analysis Time..: 00:08		
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H850D1AA
		Dilution Factor: 1		Analysis Time..: 00:08		
Nickel	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H850D1AC
		Dilution Factor: 1		Analysis Time..: 00:08		
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H850D1AD
		Dilution Factor: 1		Analysis Time..: 00:08		
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H850D1AE
		Dilution Factor: 1		Analysis Time..: 00:08		
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H850D1AF
		Dilution Factor: 1		Analysis Time..: 00:08		
Thallium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H850D1AG
		Dilution Factor: 1		Analysis Time..: 00:08		
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H850D1AH
		Dilution Factor: 1		Analysis Time..: 00:08		
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H850D1AJ
		Dilution Factor: 1		Analysis Time..: 00:08		
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H850D1AK
		Dilution Factor: 1		Analysis Time..: 00:08		
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H850D1AL
		Dilution Factor: 1		Analysis Time..: 00:08		
Cadmium	ND	1.0	ug/L	SW846 6010B	07/18-07/19/06	H850D1AM
		Dilution Factor: 1		Analysis Time..: 00:08		
Barium	ND	500	ug/L	SW846 6010B	07/18-07/19/06	H850D1AN
		Dilution Factor: 1		Analysis Time..: 00:08		

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Waste Management, Inc.

Client Sample ID: MW09R

TOTAL Metals

Lot-Sample #...: D6G130171-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	ND	2.0	ug/L	SW846 6010B	07/18-07/19/06	H850D1AP
		Dilution Factor: 1		Analysis Time..: 00:08		
Chromium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H850D1AQ
		Dilution Factor: 1		Analysis Time..: 00:08		
Arsenic	ND	5.0	ug/L	SW846 6010B	07/18-07/19/06	H850D1AR
		Dilution Factor: 1		Analysis Time..: 00:08		
Potassium	ND	3000	ug/L	SW846 6010B	07/18-07/19/06	H850D1CD
		Dilution Factor: 1		Analysis Time..: 00:08		
Magnesium	**25000**	**200**	**ug/L**	**SW846 6010B**	**07/18-07/19/06**	**H850D1CE**
		Dilution Factor: 1		Analysis Time..: 00:08		
Calcium	**67000**	**200**	**ug/L**	**SW846 6010B**	**07/18-07/19/06**	**H850D1CF**
		Dilution Factor: 1		Analysis Time..: 00:08		
Manganese	**2300**	**10**	**ug/L**	**SW846 6010B**	**07/18-07/19/06**	**H850D1CG**
		Dilution Factor: 1		Analysis Time..: 00:08		
Iron	**2100**	**100**	**ug/L**	**SW846 6010B**	**07/18-07/19/06**	**H850D1CH**
		Dilution Factor: 1		Analysis Time..: 00:08		
Tin	ND	100	ug/L	SW846 6010B	07/18-07/19/06	H850D1CK
		Dilution Factor: 1		Analysis Time..: 00:08		
Prep Batch #...: 6205212						
Mercury	ND	0.50	ug/L	SW846 7470A	07/24/06	H850D1CA
		Dilution Factor: 1		Analysis Time..: 17:27		

Waste Management, Inc.

Client Sample ID: MW09R

General Chemistry

Lot-Sample #...: D6G130171-001 **Work Order #...:** H850D **Matrix.....:** WATER
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	**0.095**	**0.040**	**mg/L**	**MCAWW 350.1**	**07/25/06**	**6207485**
		Dilution Factor: 1		Analysis Time..: 12:00		
Bicarbonate, as CaCO 3	**280**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/18/06**	**6200093**
		Dilution Factor: 1		Analysis Time..: 15:00		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310.1	07/18/06	6200095
		Dilution Factor: 1		Analysis Time..: 15:00		
Chloride	**13**	**0.30**	**mg/L**	**MCAWW 300.0A**	**07/20/06**	**6205208**
		Dilution Factor: 1		Analysis Time..: 19:37		
Nitrate	ND	0.50	mg/L	MCAWW 353.2	07/13/06	6207541
		Dilution Factor: 1		Analysis Time..: 14:30		
Sulfate	ND	5.0	mg/L	MCAWW 375.4	07/18/06	6199496
		Dilution Factor: 1		Analysis Time..: 08:45		
Total Alkalinity	**280**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/18/06**	**6200091**
		Dilution Factor: 1		Analysis Time..: 15:00		
Total Cyanide	ND	0.050	mg/L	MCAWW 335.3	07/18-07/19/06	6200182
		Dilution Factor: 1		Analysis Time..: 13:00		
Total Dissolved Solids	**360**	**10**	**mg/L**	**MCAWW 160.1**	**07/14/06**	**6195518**
		Dilution Factor: 1		Analysis Time..: 13:30		
Total Organic Carbon	ND	1.0	mg/L	MCAWW 415.1	07/17/06	6200178
		Dilution Factor: 1		Analysis Time..: 16:40		
Total Sulfide	ND	1.0	mg/L	SW846 9030B/9034	07/19/06	6202268
		Dilution Factor: 1		Analysis Time..: 12:00		

QC DATA ASSOCIATION SUMMARY

D6G130171

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	MCAWW 160.1		6195518	6205056
	WATER	MCAWW 310.1		6200095	
	WATER	MCAWW 353.2		6207541	
	WATER	MCAWW 300.0A		6205208	6205111
	WATER	MCAWW 415.1		6200178	6200117
	WATER	SW846 7470A		6205212	6205137
	WATER	SW846 8082		6195130	6195092
	WATER	SW846 8081A		6195137	6195086
	WATER	SW846 8260B		6205089	6205163
	WATER	SW846 8270C		6194435	
	WATER	SW846 6010B		6195321	6195207
	WATER	SW846 8151A		6199175	
	WATER	SW846 9030B/9034		6202268	
	WATER	MCAWW 375.4		6199496	6200125
	WATER	MCAWW 310.1		6200093	
	WATER	MCAWW 310.1		6200091	6201208
	WATER	MCAWW 335.3		6200182	6200109
	WATER	MCAWW 350.1		6207485	6207317
002	WATER	SW846 8260B		6205089	6205163

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D6G130171 **Work Order #...:** H9V751AA **Matrix.....:** WATER
MB Lot-Sample #: D6G240000-089

Prep Date.....: 07/21/06 **Analysis Time..:** 08:05
Analysis Date..: 07/21/06 **Prep Batch #...:** 6205089
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	100	ug/L	SW846 8260B
Acetonitrile	ND	100	ug/L	SW846 8260B
Acrolein	ND	100	ug/L	SW846 8260B
Acrylonitrile	ND	200	ug/L	SW846 8260B
Benzene	ND	5.0	ug/L	SW846 8260B
Bromochloromethane	ND	5.0	ug/L	SW846 8260B
Bromodichloromethane	ND	5.0	ug/L	SW846 8260B
Bromoform	ND	5.0	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	10	ug/L	SW846 8260B
Chlorobenzene	ND	5.0	ug/L	SW846 8260B
Chloroprene	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	5.0	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	10	ug/L	SW846 8260B
Allyl chloride	ND	10	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/L	SW846 8260B
Dibromomethane	ND	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	10	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	100	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	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
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	5.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	15	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	10	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	10	ug/L	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/L	SW846 8260B
Ethylbenzene	ND	5.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D6G130171 **Work Order #...:** H9V751AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Ethyl methacrylate	ND	10	ug/L	SW846 8260B
2-Hexanone	ND	50	ug/L	SW846 8260B
Iodomethane	ND	10	ug/L	SW846 8260B
Isobutyl alcohol	ND	50	ug/L	SW846 8260B
Methacrylonitrile	ND	100	ug/L	SW846 8260B
Methylene chloride	ND	10	ug/L	SW846 8260B
Methyl methacrylate	ND	30	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	100	ug/L	SW846 8260B
Propionitrile	ND	150	ug/L	SW846 8260B
Styrene	ND	10	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
Tetrachloroethene	ND	5.0	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	5.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	15	ug/L	SW846 8260B
Vinyl acetate	ND	50	ug/L	SW846 8260B
Vinyl chloride	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(79 - 119)
1,2-Dichloroethane-d4	100	(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.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D6G130171 **Work Order #...:** H9V751AC **Matrix.....:** WATER
LCS Lot-Sample#: D6G240000-089
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 07:46
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**100**	**(77 - 118)**	**SW846 8260B**
Chlorobenzene	**103**	**(78 - 118)**	**SW846 8260B**
1,1-Dichloroethene	**112**	**(68 - 133)**	**SW846 8260B**
Toluene	**104**	**(73 - 120)**	**SW846 8260B**
Trichloroethene	**95**	**(78 - 122)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(79 - 119)
1,2-Dichloroethane-d4	99	(65 - 126)
4-Bromofluorobenzene	100	(75 - 115)
Toluene-d8	103	(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 #...: D6G130171 **Work Order #...:** H9V751AC **Matrix.....:** WATER
LCS Lot-Sample#: D6G240000-089
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 07:46
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10.0**	**10.0**	**ug/L**	**100**	**SW846 8260B**
Chlorobenzene	**10.0**	**10.3**	**ug/L**	**103**	**SW846 8260B**
1,1-Dichloroethene	**10.0**	**11.2**	**ug/L**	**112**	**SW846 8260B**
Toluene	**10.0**	**10.4**	**ug/L**	**104**	**SW846 8260B**
Trichloroethene	**10.0**	**9.55**	**ug/L**	**95**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(79 - 119)
1,2-Dichloroethane-d4	99	(65 - 126)
4-Bromofluorobenzene	100	(75 - 115)
Toluene-d8	103	(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 #...: D6G130171 **Work Order #...:** H850D1D8-MS **Matrix.....:** WATER
MS Lot-Sample #: D6G130171-001 H850D1D9-MSD
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 08:45
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**106**	**(77 - 118)**			**SW846 8260B**
	103	**(77 - 118)**	**2.6**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**105**	**(78 - 118)**			**SW846 8260B**
	110	**(78 - 118)**	**4.7**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**113**	**(68 - 133)**			**SW846 8260B**
	116	**(68 - 133)**	**2.7**	**(0-20)**	**SW846 8260B**
Toluene	**112**	**(73 - 120)**			**SW846 8260B**
	103	**(73 - 120)**	**8.5**	**(0-20)**	**SW846 8260B**
Trichloroethene	**96**	**(78 - 122)**			**SW846 8260B**
	93	**(78 - 122)**	**2.5**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(79 - 119)
	102	(79 - 119)
1,2-Dichloroethane-d4	95	(65 - 126)
	100	(65 - 126)
4-Bromofluorobenzene	100	(75 - 115)
	103	(75 - 115)
Toluene-d8	100	(78 - 118)
	108	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D6G130171 **Work Order #...:** H850D1D8-MS **Matrix.....:** WATER
MS Lot-Sample #: D6G130171-001 H850D1D9-MSD
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 08:45
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10.0**	**10.9**	**ug/L**	**106**		**SW846 8260B**
	ND	**10.0**	**10.6**	**ug/L**	**103**	**2.6**	**SW846 8260B**
Chlorobenzene	**ND**	**10.0**	**10.5**	**ug/L**	**105**		**SW846 8260B**
	ND	**10.0**	**11.0**	**ug/L**	**110**	**4.7**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**10.0**	**11.3**	**ug/L**	**113**		**SW846 8260B**
	ND	**10.0**	**11.6**	**ug/L**	**116**	**2.7**	**SW846 8260B**
Toluene	**ND**	**10.0**	**11.2**	**ug/L**	**112**		**SW846 8260B**
	ND	**10.0**	**10.3**	**ug/L**	**103**	**8.5**	**SW846 8260B**
Trichloroethene	**ND**	**10.0**	**10.5**	**ug/L**	**96**		**SW846 8260B**
	ND	**10.0**	**10.2**	**ug/L**	**93**	**2.5**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(79 - 119)
	102	(79 - 119)
1,2-Dichloroethane-d4	95	(65 - 126)
	100	(65 - 126)
4-Bromofluorobenzene	100	(75 - 115)
	103	(75 - 115)
Toluene-d8	100	(78 - 118)
	108	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D6G130171 **Work Order #...:** H87ET1AA **Matrix.....:** WATER
MB Lot-Sample #: D6G130000-435
Prep Date.....: 07/13/06 **Analysis Time..:** 16:43
Analysis Date..: 07/18/06 **Prep Batch #...:** 6194435
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
2-Acetylaminofluorene	ND	20	ug/L	SW846 8270C
4-Aminobiphenyl	ND	20	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
Benzyl alcohol	ND	20	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	20	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
4-Chloroaniline	ND	20	ug/L	SW846 8270C
Chlorobenzilate	ND	10	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	20	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Diallate	ND	10	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	20	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
2,6-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	10	ug/L	SW846 8270C
Dimethoate	ND	20	ug/L	SW846 8270C
4-Dimethylaminoazobenzene	ND	10	ug/L	SW846 8270C
7,12-Dimethylbenz(a)-anthracene	ND	10	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D6G130171 **Work Order #...:** H87ET1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
3,3'-Dimethylbenzidine	ND	15	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
1,3-Dinitrobenzene	ND	20	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C
Diphenylamine	ND	10	ug/L	SW846 8270C
Disulfoton	ND	10	ug/L	SW846 8270C
Ethyl methanesulfonate	ND	20	ug/L	SW846 8270C
Famphur	ND	30	ug/L	SW846 8270C
Fluoranthene	ND	10	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopentadiene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Hexachloropropene	ND	10	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
Isodrin	ND	20	ug/L	SW846 8270C
Isophorone	ND	10	ug/L	SW846 8270C
Isosafrole	ND	10	ug/L	SW846 8270C
Methapyrilene	ND	100	ug/L	SW846 8270C
3-Methylcholanthrene	ND	10	ug/L	SW846 8270C
Methyl methanesulfonate	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
Methyl parathion	ND	10	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
1,4-Naphthoquinone	ND	10	ug/L	SW846 8270C
1-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	20	ug/L	SW846 8270C
Nitrobenzene	ND	10	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
4-Nitrophenol	ND	20	ug/L	SW846 8270C
N-Nitrosodi-n-butylamine	ND	10	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D6G130171 **Work Order #...:** H87ET1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
N-Nitrosodiethylamine	ND	20	ug/L	SW846 8270C
N-Nitrosodimethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	SW846 8270C
N-Nitrosomethylethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosopiperidine	ND	20	ug/L	SW846 8270C
N-Nitrosopyrrolidine	ND	40	ug/L	SW846 8270C
5-Nitro-o-toluidine	ND	10	ug/L	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	10	ug/L	SW846 8270C
Parathion	ND	10	ug/L	SW846 8270C
Pentachlorobenzene	ND	10	ug/L	SW846 8270C
Pentachloronitrobenzene	ND	20	ug/L	SW846 8270C
Pentachlorophenol	ND	50	ug/L	SW846 8270C
Phenacetin	ND	20	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
4-Phenylenediamine	ND	40	ug/L	SW846 8270C
Phorate	ND	10	ug/L	SW846 8270C
Pronamide	ND	10	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
Safrole	ND	10	ug/L	SW846 8270C
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	SW846 8270C
2,3,4,6-Tetrachlorophenol	ND	10	ug/L	SW846 8270C
Thionazin	ND	20	ug/L	SW846 8270C
o-Toluidine	ND	10	ug/L	SW846 8270C
1,2,4-Trichloro-benzene	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	10	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	10	ug/L	SW846 8270C
O,O,O-Triethylphosphoro-thioate	ND	10	ug/L	SW846 8270C
1,3,5-Trinitrobenzene	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	83	(40 - 120)
Phenol-d5	85	(51 - 120)
Nitrobenzene-d5	81	(47 - 120)
2-Fluorobiphenyl	71	(42 - 120)
2,4,6-Tribromophenol	88	(47 - 120)
Terphenyl-d14	104	(30 - 127)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D6G130171 **Work Order #...:** H87ET1AA **Matrix.....:** WATER

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D6G130171 **Work Order #...:** H87ET1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D6G130000-435 H87ET1AD-LCSD
Prep Date.....: 07/13/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6194435 **Analysis Time..:** 15:07
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	80	(52 - 120)			SW846 8270C
	81	(52 - 120)	1.4	(0-30)	SW846 8270C
1,4-Dichlorobenzene	66	(36 - 120)			SW846 8270C
	65	(36 - 120)	0.85	(0-44)	SW846 8270C
4-Chloro-3-methylphenol	84	(57 - 120)			SW846 8270C
	84	(57 - 120)	0.81	(0-30)	SW846 8270C
2-Chlorophenol	79	(55 - 120)			SW846 8270C
	81	(55 - 120)	1.7	(0-30)	SW846 8270C
2,4-Dinitrotoluene	86	(54 - 120)			SW846 8270C
	86	(54 - 120)	0.17	(0-44)	SW846 8270C
4-Nitrophenol	81	(48 - 120)			SW846 8270C
	84	(48 - 120)	3.1	(0-37)	SW846 8270C
N-Nitrosodi-n-propyl-amine	72	(52 - 120)			SW846 8270C
	73	(52 - 120)	1.6	(0-30)	SW846 8270C
Pentachlorophenol	76	(50 - 120)			SW846 8270C
	76	(50 - 120)	0.51	(0-30)	SW846 8270C
Phenol	77	(54 - 120)			SW846 8270C
	78	(54 - 120)	0.52	(0-34)	SW846 8270C
Pyrene	93	(52 - 120)			SW846 8270C
	97	(52 - 120)	4.2	(0-30)	SW846 8270C
1,2,4-Trichloro-benzene	69	(39 - 120)			SW846 8270C
	70	(39 - 120)	0.11	(0-42)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	75	(54 - 120)
	76	(54 - 120)
Phenol-d5	80	(56 - 120)
	80	(56 - 120)
Nitrobenzene-d5	80	(55 - 120)
	80	(55 - 120)
2-Fluorobiphenyl	74	(43 - 120)
	74	(43 - 120)
2,4,6-Tribromophenol	91	(53 - 120)
	87	(53 - 120)
Terphenyl-d14	94	(54 - 122)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D6G130171 **Work Order #...:** H87ET1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D6G130000-435 H87ET1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	97	(54 - 122)

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 Semivolatiles

Client Lot #...: D6G130171 **Work Order #...:** H87ET1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D6G130000-435 H87ET1AD-LCSD
Prep Date.....: 07/13/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6194435 **Analysis Time..:** 15:07
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acenaphthene	100	79.6	ug/L	80		SW846 8270C
	100	80.8	ug/L	81	1.4	SW846 8270C
1,4-Dichlorobenzene	100	65.8	ug/L	66		SW846 8270C
	100	65.2	ug/L	65	0.85	SW846 8270C
4-Chloro-3-methylphenol	150	126	ug/L	84		SW846 8270C
	150	127	ug/L	84	0.81	SW846 8270C
2-Chlorophenol	150	119	ug/L	79		SW846 8270C
	150	121	ug/L	81	1.7	SW846 8270C
2,4-Dinitrotoluene	100	86.4	ug/L	86		SW846 8270C
	100	86.2	ug/L	86	0.17	SW846 8270C
4-Nitrophenol	150	122	ug/L	81		SW846 8270C
	150	126	ug/L	84	3.1	SW846 8270C
N-Nitrosodi-n-propyl-amine	100	71.5	ug/L	72		SW846 8270C
	100	72.6	ug/L	73	1.6	SW846 8270C
Pentachlorophenol	150	113	ug/L	76		SW846 8270C
	150	114	ug/L	76	0.51	SW846 8270C
Phenol	150	116	ug/L	77		SW846 8270C
	150	117	ug/L	78	0.52	SW846 8270C
Pyrene	100	93.0	ug/L	93		SW846 8270C
	100	96.9	ug/L	97	4.2	SW846 8270C
1,2,4-Trichloro-benzene	100	69.5	ug/L	69		SW846 8270C
	100	69.5	ug/L	70	0.11	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	75	(54 - 120)
	76	(54 - 120)
Phenol-d5	80	(56 - 120)
	80	(56 - 120)
Nitrobenzene-d5	80	(55 - 120)
	80	(55 - 120)
2-Fluorobiphenyl	74	(43 - 120)
	74	(43 - 120)
2,4,6-Tribromophenol	91	(53 - 120)
	87	(53 - 120)
Terphenyl-d14	94	(54 - 122)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D6G130171 **Work Order #...:** H87ET1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D6G130000-435 H87ET1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	97	(54 - 122)

NOTE(S):

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

Bold print denotes control parameters

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D6G130171 **Work Order #...:** H88DF1AA **Matrix.....:** WATER
MB Lot-Sample #: D6G140000-137

Prep Date.....: 07/14/06 **Analysis Time..:** 01:30
Analysis Date..: 07/19/06 **Prep Batch #...:** 6195137
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aldrin	ND	0.050	ug/L	SW846 8081A
alpha-BHC	ND	0.050	ug/L	SW846 8081A
beta-BHC	ND	0.050	ug/L	SW846 8081A
delta-BHC	ND	0.050	ug/L	SW846 8081A
gamma-BHC (Lindane)	ND	0.050	ug/L	SW846 8081A
Chlordane (technical)	ND	0.50	ug/L	SW846 8081A
4,4'-DDD	ND	0.10	ug/L	SW846 8081A
4,4'-DDE	ND	0.10	ug/L	SW846 8081A
4,4'-DDT	ND	0.10	ug/L	SW846 8081A
Dieldrin	ND	0.10	ug/L	SW846 8081A
Endosulfan I	ND	0.10	ug/L	SW846 8081A
Endosulfan II	ND	0.10	ug/L	SW846 8081A
Endosulfan sulfate	ND	0.10	ug/L	SW846 8081A
Endrin	ND	0.10	ug/L	SW846 8081A
Endrin aldehyde	ND	0.10	ug/L	SW846 8081A
Heptachlor	ND	0.050	ug/L	SW846 8081A
Heptachlor epoxide	ND	0.10	ug/L	SW846 8081A
Kepone	ND	20	ug/L	SW846 8081A
Methoxychlor	ND	1.0	ug/L	SW846 8081A
Toxaphene	ND	2.0	ug/L	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	94	(20 - 144)
Tetrachloro-m-xylene	77	(25 - 132)

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D6G130171 **Work Order #...:** H88DF1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D6G140000-137 H88DF1AD-LCSD
Prep Date.....: 07/14/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6195137 **Analysis Time..:** 18:56
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aldrin	**75**	**(46 - 119)**			**SW846 8081A**
	77	**(46 - 119)**	**2.3**	**(0-33)**	**SW846 8081A**
gamma-BHC (Lindane)	**88**	**(68 - 119)**			**SW846 8081A**
	86	**(68 - 119)**	**1.9**	**(0-26)**	**SW846 8081A**
4,4'-DDT	**103**	**(52 - 128)**			**SW846 8081A**
	100	**(52 - 128)**	**2.6**	**(0-50)**	**SW846 8081A**
Dieldrin	**88**	**(71 - 121)**			**SW846 8081A**
	87	**(71 - 121)**	**0.45**	**(0-22)**	**SW846 8081A**
Endrin	**88**	**(59 - 133)**			**SW846 8081A**
	87	**(59 - 133)**	**0.56**	**(0-39)**	**SW846 8081A**
Heptachlor	**92**	**(51 - 117)**			**SW846 8081A**
	94	**(51 - 117)**	**2.2**	**(0-27)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	91	(53 - 127)
	90	(53 - 127)
Tetrachloro-m-xylene	78	(42 - 114)
	80	(42 - 114)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D6G130171 **Work Order #...:** H88DF1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D6G140000-137 H88DF1AD-LCSD
Prep Date.....: 07/14/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6195137 **Analysis Time..:** 18:56
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aldrin	**0.500**	**0.377**	**ug/L**	**75**		**SW846 8081A**
	0.500	**0.386**	**ug/L**	**77**	**2.3**	**SW846 8081A**
gamma-BHC (Lindane)	**0.500**	**0.441**	**ug/L**	**88**		**SW846 8081A**
	0.500	**0.432**	**ug/L**	**86**	**1.9**	**SW846 8081A**
4,4'-DDT	**0.500**	**0.515**	**ug/L**	**103**		**SW846 8081A**
	0.500	**0.502**	**ug/L**	**100**	**2.6**	**SW846 8081A**
Dieldrin	**0.500**	**0.439**	**ug/L**	**88**		**SW846 8081A**
	0.500	**0.437**	**ug/L**	**87**	**0.45**	**SW846 8081A**
Endrin	**0.500**	**0.438**	**ug/L**	**88**		**SW846 8081A**
	0.500	**0.435**	**ug/L**	**87**	**0.56**	**SW846 8081A**
Heptachlor	**0.500**	**0.458**	**ug/L**	**92**		**SW846 8081A**
	0.500	**0.469**	**ug/L**	**94**	**2.2**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	91	(53 - 127)
	90	(53 - 127)
Tetrachloro-m-xylene	78	(42 - 114)
	80	(42 - 114)

NOTE(S):

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

Bold print denotes control parameters

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D6G130171 **Work Order #...:** H88D01AA **Matrix.....:** WATER
MB Lot-Sample #: D6G140000-130

Prep Date.....: 07/14/06 **Analysis Time..:** 17:00
Analysis Date..: 07/18/06 **Prep Batch #...:** 6195130
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	2.0	ug/L	SW846 8082
Aroclor 1221	ND	2.0	ug/L	SW846 8082
Aroclor 1232	ND	2.0	ug/L	SW846 8082
Aroclor 1242	ND	2.0	ug/L	SW846 8082
Aroclor 1248	ND	2.0	ug/L	SW846 8082
Aroclor 1254	ND	2.0	ug/L	SW846 8082
Aroclor 1260	ND	2.0	ug/L	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(51 - 122)
Decachlorobiphenyl	112	(41 - 138)

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D6G130171 **Work Order #...:** H88D01AC **Matrix.....:** WATER
LCS Lot-Sample#: D6G140000-130
Prep Date.....: 07/14/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6195130 **Analysis Time..:** 17:16
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**82**	**(61 - 125)**	**SW846 8082**
Aroclor 1260	**94**	**(63 - 129)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(41 - 117)
Decachlorobiphenyl	110	(29 - 143)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D6G130171 **Work Order #...:** H88D01AC **Matrix.....:** WATER
LCS Lot-Sample#: D6G140000-130
Prep Date.....: 07/14/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6195130 **Analysis Time..:** 17:16
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**2.00**	**1.65**	**ug/L**	**82**	**SW846 8082**
Aroclor 1260	**2.00**	**1.89**	**ug/L**	**94**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(41 - 117)
Decachlorobiphenyl	110	(29 - 143)

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 Semivolatiles

Client Lot #...: D6G130171 **Work Order #...:** H87191AM-MS **Matrix.....:** WATER
MS Lot-Sample #: D6G130404-017 H87191AN-MSD
Date Sampled...: 07/11/06 16:40 **Date Received..:** 07/13/06
Prep Date.....: 07/14/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6195130 **Analysis Time..:** 20:53
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**88**	**(53 - 130)**			**SW846 8082**
	93	**(53 - 130)**	**0.34**	**(0-30)**	**SW846 8082**
Aroclor 1260	**91**	**(58 - 150)**			**SW846 8082**
	91	**(58 - 150)**	**4.8**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(51 - 122)
	90	(51 - 122)
Decachlorobiphenyl	105	(41 - 138)
	109	(41 - 138)

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 Semivolatiles

Client Lot #...: D6G130171 **Work Order #...:** H87191AM-MS **Matrix.....:** WATER
MS Lot-Sample #: D6G130404-017 H87191AN-MSD
Date Sampled...: 07/11/06 16:40 **Date Received..:** 07/13/06
Prep Date.....: 07/14/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6195130 **Analysis Time..:** 20:53
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**2.21**	**1.95**	**ug/L**	**88**		**SW846 8082**
	ND	**2.10**	**1.94**	**ug/L**	**93**	**0.34**	**SW846 8082**
Aroclor 1260	**ND**	**2.21**	**2.01**	**ug/L**	**91**		**SW846 8082**
	ND	**2.10**	**1.92**	**ug/L**	**91**	**4.8**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(51 - 122)
	90	(51 - 122)
Decachlorobiphenyl	105	(41 - 138)
	109	(41 - 138)

NOTE(S):

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

Bold print denotes control parameters

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D6G130171 **Work Order #...:** H9FA11AA **Matrix.....:** WATER
MB Lot-Sample #: D6G180000-175

Prep Date.....: 07/18/06 **Analysis Time..:** 04:13
Analysis Date..: 07/22/06 **Prep Batch #...:** 6199175
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-D	ND	2.0	ug/L	SW846 8151A
Dinoseb	ND	1.0	ug/L	SW846 8151A
2,4,5-TP (Silvex)	ND	2.0	ug/L	SW846 8151A
2,4,5-T	ND	2.0	ug/L	SW846 8151A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	97	(46 - 152)

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D6G130171 **Work Order #...:** H9FA11AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D6G180000-175 H9FA11AD-LCSD
Prep Date.....: 07/18/06 **Analysis Date..:** 07/22/06
Prep Batch #...: 6199175 **Analysis Time..:** 04:55
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2,4-D	**83**	**(10 - 135)**			**SW846 8151A**
	104	**(10 - 135)**	**22**	**(0-30)**	**SW846 8151A**
2,4,5-TP (Silvex)	**129**	**(54 - 160)**			**SW846 8151A**
	135	**(54 - 160)**	**4.2**	**(0-30)**	**SW846 8151A**
2,4,5-T	**99**	**(17 - 161)**			**SW846 8151A**
	117	**(17 - 161)**	**17**	**(0-30)**	**SW846 8151A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	121	(46 - 152)
	130	(46 - 152)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D6G130171 **Work Order #...:** H9FA11AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D6G180000-175 H9FA11AD-LCSD
Prep Date.....: 07/18/06 **Analysis Date..:** 07/22/06
Prep Batch #...: 6199175 **Analysis Time..:** 04:55
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
2,4-D	**4.57**	**3.79**	**ug/L**	**83**		**SW846 8151A**
	4.57	**4.75**	**ug/L**	**104**	**22**	**SW846 8151A**
2,4,5-TP (Silvex)	**4.57**	**5.91**	**ug/L**	**129**		**SW846 8151A**
	4.57	**6.16**	**ug/L**	**135**	**4.2**	**SW846 8151A**
2,4,5-T	**4.62**	**4.56**	**ug/L**	**99**		**SW846 8151A**
	4.62	**5.41**	**ug/L**	**117**	**17**	**SW846 8151A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	121	(46 - 152)
	130	(46 - 152)

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 #...: D6G130171 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D6G140000-321 **Prep Batch #...:** 6195321						
Sodium	ND	1000	ug/L	SW846 6010B	07/18/06	H89M01A0
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Copper	ND	200	ug/L	SW846 6010B	07/18/06	H89M01AA
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Nickel	ND	50	ug/L	SW846 6010B	07/18/06	H89M01AC
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Lead	ND	10	ug/L	SW846 6010B	07/18/06	H89M01AD
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Antimony	ND	30	ug/L	SW846 6010B	07/18/06	H89M01AE
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Selenium	ND	20	ug/L	SW846 6010B	07/18/06	H89M01AF
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Thallium	ND	10	ug/L	SW846 6010B	07/18/06	H89M01AG
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Vanadium	ND	40	ug/L	SW846 6010B	07/18/06	H89M01AH
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Zinc	ND	50	ug/L	SW846 6010B	07/18/06	H89M01AJ
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Silver	ND	10	ug/L	SW846 6010B	07/18/06	H89M01AK
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Cobalt	ND	10	ug/L	SW846 6010B	07/18/06	H89M01AL
		Dilution Factor: 1				
		Analysis Time..: 23:55				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D6G130171 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium	ND	1.0	ug/L	SW846 6010B	07/18/06	H89M01AM
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Barium	ND	500	ug/L	SW846 6010B	07/18/06	H89M01AN
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Beryllium	ND	2.0	ug/L	SW846 6010B	07/18/06	H89M01AP
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Chromium	ND	10	ug/L	SW846 6010B	07/18/06	H89M01AQ
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Arsenic	ND	5.0	ug/L	SW846 6010B	07/18/06	H89M01AR
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Potassium	ND	3000	ug/L	SW846 6010B	07/18/06	H89M01AT
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Magnesium	ND	200	ug/L	SW846 6010B	07/18/06	H89M01AU
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Calcium	ND	200	ug/L	SW846 6010B	07/18/06	H89M01AV
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Manganese	ND	10	ug/L	SW846 6010B	07/18/06	H89M01AW
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Iron	ND	100	ug/L	SW846 6010B	07/18/06	H89M01AX
		Dilution Factor: 1				
		Analysis Time..: 23:55				
Tin	ND	100	ug/L	SW846 6010B	07/18/06	H89M01A1
		Dilution Factor: 1				
		Analysis Time..: 23:55				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D6G130171 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D6G240000-212 **Prep Batch #...:** 6205212						
Mercury	ND	0.50	ug/L	SW846 7470A	07/24/06	H9V071AA
		Dilution Factor: 1				
		Analysis Time..: 17:23				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130171 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D6G140000-321 **Prep Batch #...:** 6195321					
Sodium	106	(90 - 117)	SW846 6010B	07/18-07/19/06	H89M01CP
		Dilution Factor: 1	Analysis Time..: 00:02		
Copper	103	(86 - 112)	SW846 6010B	07/18-07/19/06	H89M01A2
		Dilution Factor: 1	Analysis Time..: 00:02		
Nickel	102	(89 - 111)	SW846 6010B	07/18-07/19/06	H89M01A3
		Dilution Factor: 1	Analysis Time..: 00:02		
Lead	98	(89 - 109)	SW846 6010B	07/18-07/19/06	H89M01A4
		Dilution Factor: 1	Analysis Time..: 00:02		
Antimony	102	(88 - 108)	SW846 6010B	07/18-07/19/06	H89M01A5
		Dilution Factor: 1	Analysis Time..: 00:02		
Selenium	101	(90 - 110)	SW846 6010B	07/18-07/19/06	H89M01A6
		Dilution Factor: 1	Analysis Time..: 00:02		
Thallium	101	(88 - 108)	SW846 6010B	07/18-07/19/06	H89M01A7
		Dilution Factor: 1	Analysis Time..: 00:02		
Vanadium	103	(91 - 111)	SW846 6010B	07/18-07/19/06	H89M01A8
		Dilution Factor: 1	Analysis Time..: 00:02		
Zinc	102	(84 - 111)	SW846 6010B	07/18-07/19/06	H89M01A9
		Dilution Factor: 1	Analysis Time..: 00:02		
Silver	101	(86 - 120)	SW846 6010B	07/18-07/19/06	H89M01CA
		Dilution Factor: 1	Analysis Time..: 00:02		
Cobalt	101	(89 - 111)	SW846 6010B	07/18-07/19/06	H89M01CC
		Dilution Factor: 1	Analysis Time..: 00:02		
Cadmium	98	(88 - 111)	SW846 6010B	07/18-07/19/06	H89M01CD
		Dilution Factor: 1	Analysis Time..: 00:02		
Barium	106	(92 - 112)	SW846 6010B	07/18-07/19/06	H89M01CE
		Dilution Factor: 1	Analysis Time..: 00:02		
Beryllium	95	(89 - 113)	SW846 6010B	07/18-07/19/06	H89M01CF
		Dilution Factor: 1	Analysis Time..: 00:02		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130171 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	101	(90 - 113)	SW846 6010B	07/18-07/19/06	H89M01CG
		Dilution Factor: 1	Analysis Time..: 00:02		
Arsenic	102	(88 - 109)	SW846 6010B	07/18-07/19/06	H89M01CH
		Dilution Factor: 1	Analysis Time..: 00:02		
Potassium	109	(89 - 114)	SW846 6010B	07/18-07/19/06	H89M01CJ
		Dilution Factor: 1	Analysis Time..: 00:02		
Magnesium	103	(92 - 113)	SW846 6010B	07/18-07/19/06	H89M01CK
		Dilution Factor: 1	Analysis Time..: 00:02		
Calcium	104	(90 - 111)	SW846 6010B	07/18-07/19/06	H89M01CL
		Dilution Factor: 1	Analysis Time..: 00:02		
Manganese	103	(90 - 110)	SW846 6010B	07/18-07/19/06	H89M01CM
		Dilution Factor: 1	Analysis Time..: 00:02		
Iron	101	(89 - 116)	SW846 6010B	07/18-07/19/06	H89M01CN
		Dilution Factor: 1	Analysis Time..: 00:02		
Tin	102	(85 - 113)	SW846 6010B	07/18-07/19/06	H89M01CQ
		Dilution Factor: 1	Analysis Time..: 00:02		
LCS Lot-Sample#: D6G240000-212		**Prep Batch #...:** 6205212			
Mercury	100	(88 - 111)	SW846 7470A	07/24/06	H9V071AC
		Dilution Factor: 1	Analysis Time..: 17:25		

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130171 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D6G140000-321 **Prep Batch #...:** 6195321							
Sodium	50000	53000	ug/L	106	SW846 6010B	07/18-07/19/06	H89M01CP
			Dilution Factor: 1		Analysis Time..: 00:02		
Copper	250	257	ug/L	103	SW846 6010B	07/18-07/19/06	H89M01A2
			Dilution Factor: 1		Analysis Time..: 00:02		
Nickel	500	511	ug/L	102	SW846 6010B	07/18-07/19/06	H89M01A3
			Dilution Factor: 1		Analysis Time..: 00:02		
Lead	500	492	ug/L	98	SW846 6010B	07/18-07/19/06	H89M01A4
			Dilution Factor: 1		Analysis Time..: 00:02		
Antimony	500	510	ug/L	102	SW846 6010B	07/18-07/19/06	H89M01A5
			Dilution Factor: 1		Analysis Time..: 00:02		
Selenium	2000	2020	ug/L	101	SW846 6010B	07/18-07/19/06	H89M01A6
			Dilution Factor: 1		Analysis Time..: 00:02		
Thallium	2000	2030	ug/L	101	SW846 6010B	07/18-07/19/06	H89M01A7
			Dilution Factor: 1		Analysis Time..: 00:02		
Vanadium	500	514	ug/L	103	SW846 6010B	07/18-07/19/06	H89M01A8
			Dilution Factor: 1		Analysis Time..: 00:02		
Zinc	500	509	ug/L	102	SW846 6010B	07/18-07/19/06	H89M01A9
			Dilution Factor: 1		Analysis Time..: 00:02		
Silver	50.0	50.6	ug/L	101	SW846 6010B	07/18-07/19/06	H89M01CA
			Dilution Factor: 1		Analysis Time..: 00:02		
Cobalt	500	507	ug/L	101	SW846 6010B	07/18-07/19/06	H89M01CC
			Dilution Factor: 1		Analysis Time..: 00:02		
Cadmium	50.0	48.8	ug/L	98	SW846 6010B	07/18-07/19/06	H89M01CD
			Dilution Factor: 1		Analysis Time..: 00:02		
Barium	2000	2110	ug/L	106	SW846 6010B	07/18-07/19/06	H89M01CE
			Dilution Factor: 1		Analysis Time..: 00:02		
Beryllium	50.0	47.4	ug/L	95	SW846 6010B	07/18-07/19/06	H89M01CF
			Dilution Factor: 1		Analysis Time..: 00:02		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130171 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	203	ug/L	101	SW846 6010B	07/18-07/19/06	H89M01CG
			Dilution Factor: 1		Analysis Time..: 00:02		
Arsenic	2000	2030	ug/L	102	SW846 6010B	07/18-07/19/06	H89M01CH
			Dilution Factor: 1		Analysis Time..: 00:02		
Potassium	50000	54500	ug/L	109	SW846 6010B	07/18-07/19/06	H89M01CJ
			Dilution Factor: 1		Analysis Time..: 00:02		
Magnesium	50000	51300	ug/L	103	SW846 6010B	07/18-07/19/06	H89M01CK
			Dilution Factor: 1		Analysis Time..: 00:02		
Calcium	50000	52200	ug/L	104	SW846 6010B	07/18-07/19/06	H89M01CL
			Dilution Factor: 1		Analysis Time..: 00:02		
Manganese	500	515	ug/L	103	SW846 6010B	07/18-07/19/06	H89M01CM
			Dilution Factor: 1		Analysis Time..: 00:02		
Iron	1000	1010	ug/L	101	SW846 6010B	07/18-07/19/06	H89M01CN
			Dilution Factor: 1		Analysis Time..: 00:02		
Tin	2000	2040	ug/L	102	SW846 6010B	07/18-07/19/06	H89M01CQ
			Dilution Factor: 1		Analysis Time..: 00:02		

LCS Lot-Sample#: D6G240000-212 **Prep Batch #...:** 6205212

Mercury	5.00	5.01	ug/L	100	SW846 7470A	07/24/06	H9V071AC
			Dilution Factor: 1		Analysis Time..: 17:25		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130171 **Matrix.....:** WATER
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G130171-001 **Prep Batch #...:** 6195321							
Sodium	108	(90 - 117)			SW846 6010B	07/18-07/19/06	H850D1D1
	110	(90 - 117)	0.76	(0-20)	SW846 6010B	07/18-07/19/06	H850D1D2
		Dilution Factor: 1					
		Analysis Time..: 00:21					
Copper	104	(82 - 129)			SW846 6010B	07/18-07/19/06	H850D1CN
	104	(82 - 129)	0.15	(0-25)	SW846 6010B	07/18-07/19/06	H850D1CP
		Dilution Factor: 1					
		Analysis Time..: 00:21					
Nickel	101	(84 - 120)			SW846 6010B	07/18-07/19/06	H850D1CQ
	101	(84 - 120)	0.22	(0-25)	SW846 6010B	07/18-07/19/06	H850D1CR
		Dilution Factor: 1					
		Analysis Time..: 00:21					
Lead	97	(89 - 121)			SW846 6010B	07/18-07/19/06	H850D1CT
	97	(89 - 121)	0.02	(0-25)	SW846 6010B	07/18-07/19/06	H850D1CU
		Dilution Factor: 1					
		Analysis Time..: 00:21					
Antimony	103	(81 - 124)			SW846 6010B	07/18-07/19/06	H850D1CV
	103	(81 - 124)	0.12	(0-25)	SW846 6010B	07/18-07/19/06	H850D1CW
		Dilution Factor: 1					
		Analysis Time..: 00:21					
Selenium	100	(71 - 140)			SW846 6010B	07/18-07/19/06	H850D1CX
	101	(71 - 140)	0.84	(0-25)	SW846 6010B	07/18-07/19/06	H850D1C0
		Dilution Factor: 1					
		Analysis Time..: 00:21					
Thallium	100	(90 - 116)			SW846 6010B	07/18-07/19/06	H850D1C1
	100	(90 - 116)	0.44	(0-25)	SW846 6010B	07/18-07/19/06	H850D1C2
		Dilution Factor: 1					
		Analysis Time..: 00:21					
Vanadium	101	(85 - 120)			SW846 6010B	07/18-07/19/06	H850D1C3
	102	(85 - 120)	0.16	(0-25)	SW846 6010B	07/18-07/19/06	H850D1C4
		Dilution Factor: 1					
		Analysis Time..: 00:21					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130171 **Matrix.....:** WATER
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	98	(60 - 137)			SW846 6010B	07/18-07/19/06	H850D1C5
	99	(60 - 137)	0.51	(0-25)	SW846 6010B	07/18-07/19/06	H850D1C6
		Dilution Factor: 1					
		Analysis Time..: 00:21					
Silver	102	(75 - 141)			SW846 6010B	07/18-07/19/06	H850D1C7
	101	(75 - 141)	1.5	(0-25)	SW846 6010B	07/18-07/19/06	H850D1C8
		Dilution Factor: 1					
		Analysis Time..: 00:21					
Cobalt	100	(82 - 119)			SW846 6010B	07/18-07/19/06	H850D1C9
	100	(82 - 119)	0.39	(0-25)	SW846 6010B	07/18-07/19/06	H850D1DA
		Dilution Factor: 1					
		Analysis Time..: 00:21					
Cadmium	96	(82 - 119)			SW846 6010B	07/18-07/19/06	H850D1DC
	96	(82 - 119)	0.62	(0-25)	SW846 6010B	07/18-07/19/06	H850D1DD
		Dilution Factor: 1					
		Analysis Time..: 00:21					
Barium	105	(85 - 120)			SW846 6010B	07/18-07/19/06	H850D1DE
	106	(85 - 120)	0.87	(0-25)	SW846 6010B	07/18-07/19/06	H850D1DF
		Dilution Factor: 1					
		Analysis Time..: 00:21					
Beryllium	94	(79 - 121)			SW846 6010B	07/18-07/19/06	H850D1DG
	94	(79 - 121)	0.21	(0-25)	SW846 6010B	07/18-07/19/06	H850D1DH
		Dilution Factor: 1					
		Analysis Time..: 00:21					
Chromium	101	(73 - 135)			SW846 6010B	07/18-07/19/06	H850D1DJ
	101	(73 - 135)	0.22	(0-25)	SW846 6010B	07/18-07/19/06	H850D1DK
		Dilution Factor: 1					
		Analysis Time..: 00:21					
Arsenic	101	(84 - 124)			SW846 6010B	07/18-07/19/06	H850D1DL
	102	(84 - 124)	0.42	(0-25)	SW846 6010B	07/18-07/19/06	H850D1DM
		Dilution Factor: 1					
		Analysis Time..: 00:21					
Potassium	111	(76 - 132)			SW846 6010B	07/18-07/19/06	H850D1DN
	111	(76 - 132)	0.25	(0-25)	SW846 6010B	07/18-07/19/06	H850D1DP
		Dilution Factor: 1					
		Analysis Time..: 00:21					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130171 **Matrix.....:** WATER
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	104	(62 - 146)			SW846 6010B	07/18-07/19/06	H850D1DQ
	104	(62 - 146)	0.20	(0-25)	SW846 6010B	07/18-07/19/06	H850D1DR
		Dilution Factor: 1					
		Analysis Time..: 00:21					
Calcium	108	(48 - 153)			SW846 6010B	07/18-07/19/06	H850D1DT
	108	(48 - 153)	0.16	(0-25)	SW846 6010B	07/18-07/19/06	H850D1DU
		Dilution Factor: 1					
		Analysis Time..: 00:21					
Manganese	NC,MSB	(79 - 121)			SW846 6010B	07/18-07/19/06	H850D1DV
	NC,MSB	(79 - 121)		(0-25)	SW846 6010B	07/18-07/19/06	H850D1DW
		Dilution Factor: 1					
		Analysis Time..: 00:21					
Iron	103	(52 - 155)			SW846 6010B	07/18-07/19/06	H850D1DX
	102	(52 - 155)	0.37	(0-25)	SW846 6010B	07/18-07/19/06	H850D1D0
		Dilution Factor: 1					
		Analysis Time..: 00:21					
Tin	102	(77 - 126)			SW846 6010B	07/18-07/19/06	H850D1D3
	102	(77 - 126)	0.08	(0-25)	SW846 6010B	07/18-07/19/06	H850D1D4
		Dilution Factor: 1					
		Analysis Time..: 00:21					

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130171 **Matrix.....:** WATER
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G130171-001 **Prep Batch #...:** 6195321									
Sodium									
	20000	50000	74000	ug/L	108		SW846 6010B	07/18-07/19/06	H850D1D1
	20000	50000	74600	ug/L	110	0.76	SW846 6010B	07/18-07/19/06	H850D1D2
			Dilution Factor: 1						
			Analysis Time..: 00:21						
Copper									
	ND	250	261	ug/L	104		SW846 6010B	07/18-07/19/06	H850D1CN
	ND	250	261	ug/L	104	0.15	SW846 6010B	07/18-07/19/06	H850D1CP
			Dilution Factor: 1						
			Analysis Time..: 00:21						
Nickel									
	ND	500	510	ug/L	101		SW846 6010B	07/18-07/19/06	H850D1CQ
	ND	500	511	ug/L	101	0.22	SW846 6010B	07/18-07/19/06	H850D1CR
			Dilution Factor: 1						
			Analysis Time..: 00:21						
Lead									
	ND	500	486	ug/L	97		SW846 6010B	07/18-07/19/06	H850D1CT
	ND	500	486	ug/L	97	0.02	SW846 6010B	07/18-07/19/06	H850D1CU
			Dilution Factor: 1						
			Analysis Time..: 00:21						
Antimony									
	ND	500	514	ug/L	103		SW846 6010B	07/18-07/19/06	H850D1CV
	ND	500	513	ug/L	103	0.12	SW846 6010B	07/18-07/19/06	H850D1CW
			Dilution Factor: 1						
			Analysis Time..: 00:21						
Selenium									
	ND	2000	2000	ug/L	100		SW846 6010B	07/18-07/19/06	H850D1CX
	ND	2000	2010	ug/L	101	0.84	SW846 6010B	07/18-07/19/06	H850D1C0
			Dilution Factor: 1						
			Analysis Time..: 00:21						
Thallium									
	ND	2000	1990	ug/L	100		SW846 6010B	07/18-07/19/06	H850D1C1
	ND	2000	2000	ug/L	100	0.44	SW846 6010B	07/18-07/19/06	H850D1C2
			Dilution Factor: 1						
			Analysis Time..: 00:21						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130171 **Matrix.....:** WATER
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium									
	ND	500	508	ug/L	101		SW846 6010B	07/18-07/19/06	H850D1C3
	ND	500	509	ug/L	102	0.16	SW846 6010B	07/18-07/19/06	H850D1C4
			Dilution Factor: 1						
			Analysis Time..: 00:21						
Zinc									
	ND	500	496	ug/L	98		SW846 6010B	07/18-07/19/06	H850D1C5
	ND	500	499	ug/L	99	0.51	SW846 6010B	07/18-07/19/06	H850D1C6
			Dilution Factor: 1						
			Analysis Time..: 00:21						
Silver									
	ND	50.0	51.0	ug/L	102		SW846 6010B	07/18-07/19/06	H850D1C7
	ND	50.0	50.3	ug/L	101	1.5	SW846 6010B	07/18-07/19/06	H850D1C8
			Dilution Factor: 1						
			Analysis Time..: 00:21						
Cobalt									
	ND	500	506	ug/L	100		SW846 6010B	07/18-07/19/06	H850D1C9
	ND	500	508	ug/L	100	0.39	SW846 6010B	07/18-07/19/06	H850D1DA
			Dilution Factor: 1						
			Analysis Time..: 00:21						
Cadmium									
	ND	50.0	47.9	ug/L	96		SW846 6010B	07/18-07/19/06	H850D1DC
	ND	50.0	48.2	ug/L	96	0.62	SW846 6010B	07/18-07/19/06	H850D1DD
			Dilution Factor: 1						
			Analysis Time..: 00:21						
Barium									
	ND	2000	2130	ug/L	105		SW846 6010B	07/18-07/19/06	H850D1DE
	ND	2000	2140	ug/L	106	0.87	SW846 6010B	07/18-07/19/06	H850D1DF
			Dilution Factor: 1						
			Analysis Time..: 00:21						
Beryllium									
	ND	50.0	47.1	ug/L	94		SW846 6010B	07/18-07/19/06	H850D1DG
	ND	50.0	47.2	ug/L	94	0.21	SW846 6010B	07/18-07/19/06	H850D1DH
			Dilution Factor: 1						
			Analysis Time..: 00:21						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130171 **Matrix.....:** WATER
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	ND	200	203	ug/L	101		SW846 6010B	07/18-07/19/06	H850D1DJ
	ND	200	203	ug/L	101	0.22	SW846 6010B	07/18-07/19/06	H850D1DK
			Dilution Factor: 1						
			Analysis Time..: 00:21						
Arsenic									
	ND	2000	2030	ug/L	101		SW846 6010B	07/18-07/19/06	H850D1DL
	ND	2000	2030	ug/L	102	0.42	SW846 6010B	07/18-07/19/06	H850D1DM
			Dilution Factor: 1						
			Analysis Time..: 00:21						
Potassium									
	ND	50000	57900	ug/L	111		SW846 6010B	07/18-07/19/06	H850D1DN
	ND	50000	58000	ug/L	111	0.25	SW846 6010B	07/18-07/19/06	H850D1DP
			Dilution Factor: 1						
			Analysis Time..: 00:21						
Magnesium									
	25000	50000	76800	ug/L	104		SW846 6010B	07/18-07/19/06	H850D1DQ
	25000	50000	76700	ug/L	104	0.20	SW846 6010B	07/18-07/19/06	H850D1DR
			Dilution Factor: 1						
			Analysis Time..: 00:21						
Calcium									
	67000	50000	121000	ug/L	108		SW846 6010B	07/18-07/19/06	H850D1DT
	67000	50000	121000	ug/L	108	0.16	SW846 6010B	07/18-07/19/06	H850D1DU
			Dilution Factor: 1						
			Analysis Time..: 00:21						
Manganese									
	2300	500	2890	ug/L			SW846 6010B	07/18-07/19/06	H850D1DV
			Qualifiers: NC,MSB						
	2300	500	2870	ug/L			SW846 6010B	07/18-07/19/06	H850D1DW
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 00:21						
Iron									
	2100	1000	3160	ug/L	103		SW846 6010B	07/18-07/19/06	H850D1DX
	2100	1000	3150	ug/L	102	0.37	SW846 6010B	07/18-07/19/06	H850D1D0
			Dilution Factor: 1						
			Analysis Time..: 00:21						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130171 **Matrix.....:** WATER
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Tin									
	ND	2000	2040	ug/L	102		SW846 6010B	07/18-07/19/06	H850D1D3
	ND	2000	2030	ug/L	102	0.08	SW846 6010B	07/18-07/19/06	H850D1D4

Dilution Factor: 1
Analysis Time..: 00:21

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130171 **Matrix.....:** WATER
Date Sampled...: 07/11/06 11:15 **Date Received..:** 07/12/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G120358-020 **Prep Batch #...:** 6205212							
Mercury	97	(88 - 111)			SW846 7470A	07/24/06	H842T1A2
	98	(88 - 111)	1.9	(0-10)	SW846 7470A	07/24/06	H842T1A3

Dilution Factor: 1
Analysis Time..: 18:04

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130171 **Matrix.....:** WATER
Date Sampled...: 07/11/06 11:15 **Date Received..:** 07/12/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G120358-020 **Prep Batch #...:** 6205212									
Mercury									
	ND	5.00	4.83	ug/L	97		SW846 7470A	07/24/06	H842T1A2
	ND	5.00	4.92	ug/L	98	1.9	SW846 7470A	07/24/06	H842T1A3

Dilution Factor: 1
Analysis Time..: 18:04

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130171 **Matrix.....:** WATER
Date Sampled...: 07/12/06 11:00 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G120362-008 **Prep Batch #...:** 6205212							
Mercury	80 N	(88 - 111)			SW846 7470A	07/24/06	H87VQ1A8
	81 N	(88 - 111)	0.70	(0-10)	SW846 7470A	07/24/06	H87VQ1A9
		Dilution Factor: 1					
		Analysis Time..: 17:42					

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 #...: D6G130171 **Matrix.....:** WATER
Date Sampled...: 07/12/06 11:00 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G120362-008 **Prep Batch #...:** 6205212									
Mercury									
	0.77	5.00	4.80 N	ug/L	80		SW846 7470A	07/24/06	H87VQ1A8
	0.77	5.00	4.83 N	ug/L	81	0.70	SW846 7470A	07/24/06	H87VQ1A9

Dilution Factor: 1
Analysis Time..: 17:42

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D6G130171 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		Work Order #: H93DA1AA		MB Lot-Sample #:	D6G260000-485	
	ND	0.040	mg/L	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1				
		Analysis Time..: 12:00				
Bicarbonate, as CaCO3		Work Order #: H9MQR1AA		MB Lot-Sample #:	D6G190000-093	
	ND	5.0	mg/L	MCAWW 310.1	07/18/06	6200093
		Dilution Factor: 1				
		Analysis Time..: 15:00				
Carbonate, as CaCO3		Work Order #: H9MQW1AA		MB Lot-Sample #:	D6G190000-095	
	ND	5.0	mg/L	MCAWW 310.1	07/18/06	6200095
		Dilution Factor: 1				
		Analysis Time..: 15:00				
Chloride		Work Order #: H9VWR1AA		MB Lot-Sample #:	D6G240000-208	
	ND	0.30	mg/L	MCAWW 300.0A	07/20/06	6205208
		Dilution Factor: 1				
		Analysis Time..: 19:21				
Nitrate		Work Order #: H93HC1AA		MB Lot-Sample #:	D6G260000-541	
	ND	0.50	mg/L	MCAWW 353.2	07/13/06	6207541
		Dilution Factor: 1				
		Analysis Time..: 14:30				
Sulfate		Work Order #: H9H5K1AA		MB Lot-Sample #:	D6G180000-496	
	ND	5.0	mg/L	MCAWW 375.4	07/18/06	6199496
		Dilution Factor: 1				
		Analysis Time..: 08:45				
Total Alkalinity		Work Order #: H9MQL1AA		MB Lot-Sample #:	D6G190000-091	
	ND	5.0	mg/L	MCAWW 310.1	07/18/06	6200091
		Dilution Factor: 1				
		Analysis Time..: 15:00				
Total Cyanide		Work Order #: H9H3J1AA		MB Lot-Sample #:	D6G190000-182	
	ND	0.050	mg/L	MCAWW 335.3	07/18-07/19/06	6200182
		Dilution Factor: 1				
		Analysis Time..: 13:00				
Total Dissolved Solids		Work Order #: H9VN91AA		MB Lot-Sample #:	D6G140000-518	
	ND	10	mg/L	MCAWW 160.1	07/14/06	6195518
		Dilution Factor: 1				
		Analysis Time..: 13:30				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: D6G130171 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon		Work Order #: H9H4C1AA		MB Lot-Sample #: D6G190000-178		
	ND	1.0	mg/L	MCAWW 415.1	07/17/06	6200178
		Dilution Factor: 1				
		Analysis Time..: 16:40				
Total Sulfide		Work Order #: H9WA91AA		MB Lot-Sample #: D6G210000-268		
	ND	1.0	mg/L	SW846 9030B/9034	07/19/06	6202268
		Dilution Factor: 1				
		Analysis Time..: 12:00				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D6G130171 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		WO#:H93DA1AC-LCS/H93DA1AD-LCSD LCS Lot-Sample#: D6G260000-485					
	101	(90 - 110)			MCAWW 350.1	07/25/06	6207485
	101	(90 - 110)	0.22	(0-10)	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1			Analysis Time..: 12:00		
Chloride		WO#:H9VWR1AC-LCS/H9VWR1AD-LCSD LCS Lot-Sample#: D6G240000-208					
	102	(90 - 110)			MCAWW 300.0A	07/20/06	6205208
	101	(90 - 110)	1.0	(0-10)	MCAWW 300.0A	07/20/06	6205208
		Dilution Factor: 1			Analysis Time..: 18:49		
Nitrate		WO#:H93HC1AC-LCS/H93HC1AD-LCSD LCS Lot-Sample#: D6G260000-541					
	101	(86 - 110)			MCAWW 353.2	07/13/06	6207541
	103	(86 - 110)	1.4	(0-10)	MCAWW 353.2	07/13/06	6207541
		Dilution Factor: 1			Analysis Time..: 14:30		
Sulfate		WO#:H9H5K1AC-LCS/H9H5K1AD-LCSD LCS Lot-Sample#: D6G180000-496					
	100	(91 - 112)			MCAWW 375.4	07/18/06	6199496
	100	(91 - 112)	0.63	(0-15)	MCAWW 375.4	07/18/06	6199496
		Dilution Factor: 1			Analysis Time..: 08:45		
Total Alkalinity		WO#:H9MQL1AC-LCS/H9MQL1AD-LCSD LCS Lot-Sample#: D6G190000-091					
	100	(90 - 110)			MCAWW 310.1	07/18/06	6200091
	99	(90 - 110)	1.4	(0-10)	MCAWW 310.1	07/18/06	6200091
		Dilution Factor: 1			Analysis Time..: 15:00		
Total Cyanide		WO#:H9H3J1AC-LCS/H9H3J1AD-LCSD LCS Lot-Sample#: D6G190000-182					
	100	(82 - 114)			MCAWW 335.3	07/18-07/19/06	6200182
	99	(82 - 114)	0.60	(0-10)	MCAWW 335.3	07/18-07/19/06	6200182
		Dilution Factor: 1			Analysis Time..: 13:00		
Total Dissolved Solids		WO#:H9VN91AC-LCS/H9VN91AD-LCSD LCS Lot-Sample#: D6G140000-518					
	100	(86 - 106)			MCAWW 160.1	07/14/06	6195518
	100	(86 - 106)	0.19	(0-20)	MCAWW 160.1	07/14/06	6195518
		Dilution Factor: 1			Analysis Time..: 13:30		
Total Organic Carbon		WO#:H9H4C1AC-LCS/H9H4C1AD-LCSD LCS Lot-Sample#: D6G190000-178					
	100	(86 - 114)			MCAWW 415.1	07/17/06	6200178
	101	(86 - 114)	0.63	(0-12)	MCAWW 415.1	07/17/06	6200178
		Dilution Factor: 1			Analysis Time..: 16:40		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D6G130171 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Sulfide		WO#:H9WA91AC-LCS/H9WA91AD-LCSD				LCS Lot-Sample#: D6G210000-268	
	65	(59 - 104)			SW846 9030B/9034	07/19/06	6202268
	69	(59 - 104)	6.1	(0-20)	SW846 9030B/9034	07/19/06	6202268

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

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D6G130171 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		WO#:H93DA1AC-LCS/H93DA1AD-LCSD				LCS Lot-Sample#: D6G260000-485		
	4.00	4.03	mg/L	101		MCAWW 350.1	07/25/06	6207485
	4.00	4.04	mg/L	101	0.22	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1				Analysis Time..: 12:00		
Chloride		WO#:H9VWR1AC-LCS/H9VWR1AD-LCSD				LCS Lot-Sample#: D6G240000-208		
	20.0	20.4	mg/L	102		MCAWW 300.0A	07/20/06	6205208
	20.0	20.1	mg/L	101	1.0	MCAWW 300.0A	07/20/06	6205208
		Dilution Factor: 1				Analysis Time..: 18:49		
Nitrate		WO#:H93HC1AC-LCS/H93HC1AD-LCSD				LCS Lot-Sample#: D6G260000-541		
	0.0500	0.0507	mg/L	101		MCAWW 353.2	07/13/06	6207541
	0.0500	0.0514	mg/L	103	1.4	MCAWW 353.2	07/13/06	6207541
		Dilution Factor: 1				Analysis Time..: 14:30		
Sulfate		WO#:H9H5K1AC-LCS/H9H5K1AD-LCSD				LCS Lot-Sample#: D6G180000-496		
	25.0	25.0	mg/L	100		MCAWW 375.4	07/18/06	6199496
	25.0	25.1	mg/L	100	0.63	MCAWW 375.4	07/18/06	6199496
		Dilution Factor: 1				Analysis Time..: 08:45		
Total Alkalinity		WO#:H9MQL1AC-LCS/H9MQL1AD-LCSD				LCS Lot-Sample#: D6G190000-091		
	200	201	mg/L	100		MCAWW 310.1	07/18/06	6200091
	200	198	mg/L	99	1.4	MCAWW 310.1	07/18/06	6200091
		Dilution Factor: 1				Analysis Time..: 15:00		
Total Cyanide		WO#:H9H3J1AC-LCS/H9H3J1AD-LCSD				LCS Lot-Sample#: D6G190000-182		
	0.100	0.100	mg/L	100		MCAWW 335.3	07/18-07/19/06	6200182
	0.100	0.0994	mg/L	99	0.60	MCAWW 335.3	07/18-07/19/06	6200182
		Dilution Factor: 1				Analysis Time..: 13:00		
Total Dissolved Solids		WO#:H9VN91AC-LCS/H9VN91AD-LCSD				LCS Lot-Sample#: D6G140000-518		
	500	501	mg/L	100		MCAWW 160.1	07/14/06	6195518
	500	502	mg/L	100	0.19	MCAWW 160.1	07/14/06	6195518
		Dilution Factor: 1				Analysis Time..: 13:30		
Total Organic Carbon		WO#:H9H4C1AC-LCS/H9H4C1AD-LCSD				LCS Lot-Sample#: D6G190000-178		
	25.0	25.1	mg/L	100		MCAWW 415.1	07/17/06	6200178
	25.0	25.2	mg/L	101	0.63	MCAWW 415.1	07/17/06	6200178
		Dilution Factor: 1				Analysis Time..: 16:40		

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D6G130171 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Sulfide		WO#:H9WA91AC-LCS/H9WA91AD-LCSD				LCS Lot-Sample#: D6G210000-268		
	19.5	12.6	mg/L	65		SW846 9030B/9034	07/19/06	6202268
	19.5	13.4	mg/L	69	6.1	SW846 9030B/9034	07/19/06	6202268

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

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D6G130171 **Matrix.....:** WATER
Date Sampled...: 07/12/06 09:28 **Date Received..:** 07/12/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		WO#: H850D1EA-MS/H850D1EC-MSD				MS Lot-Sample #: D6G130171-001	
	88	(81 - 114)			MCAWW 350.1	07/25/06	6207485
	93	(81 - 114)	5.5	(0-10)	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1					
		Analysis Time..: 12:00					
Chloride		WO#: H850D1D6-MS/H850D1D7-MSD				MS Lot-Sample #: D6G130171-001	
	100	(80 - 120)			MCAWW 300.0A	07/20/06	6205208
	105	(80 - 120)	3.3	(0-20)	MCAWW 300.0A	07/20/06	6205208
		Dilution Factor: 1					
		Analysis Time..: 19:53					
Total Cyanide		WO#: H84VX1CD-MS/H84VX1CE-MSD				MS Lot-Sample #: D6G120377-001	
	95	(64 - 126)			MCAWW 335.3	07/18-07/19/06	6200182
	96	(64 - 126)	0.71	(0-10)	MCAWW 335.3	07/18-07/19/06	6200182
		Dilution Factor: 1					
		Analysis Time..: 13:00					
Total Organic Carbon		WO#: H87K91AV-MS/H87K91AW-MSD				MS Lot-Sample #: D6G130358-002	
	100	(65 - 139)			MCAWW 415.1	07/17/06	6200178
	100	(65 - 139)	0.51	(0-41)	MCAWW 415.1	07/17/06	6200178
		Dilution Factor: 1					
		Analysis Time..: 16:40					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D6G130171 **Matrix.....:** WATER
Date Sampled...: 07/12/06 09:28 **Date Received..:** 07/12/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N			WO#: H850D1EA-MS/H850D1EC-MSD				MS Lot-Sample #: D6G130171-001		
	0.095	4.00	3.62	mg/L	88		MCAWW 350.1	07/25/06	6207485
	0.095	4.00	3.82	mg/L	93	5.5	MCAWW 350.1	07/25/06	6207485
			Dilution Factor: 1						
			Analysis Time..: 12:00						
Chloride			WO#: H850D1D6-MS/H850D1D7-MSD				MS Lot-Sample #: D6G130171-001		
	13	25.0	37.9	mg/L	100		MCAWW 300.0A	07/20/06	6205208
	13	25.0	39.2	mg/L	105	3.3	MCAWW 300.0A	07/20/06	6205208
			Dilution Factor: 1						
			Analysis Time..: 19:53						
Total Cyanide			WO#: H84VX1CD-MS/H84VX1CE-MSD				MS Lot-Sample #: D6G120377-001		
	ND	0.100	0.0981	mg/L	95		MCAWW 335.3	07/18-07/19/06	6200182
	ND	0.100	0.0988	mg/L	96	0.71	MCAWW 335.3	07/18-07/19/06	6200182
			Dilution Factor: 1						
			Analysis Time..: 13:00						
Total Organic Carbon			WO#: H87K91AV-MS/H87K91AW-MSD				MS Lot-Sample #: D6G130358-002		
	4.2	25.0	29.1	mg/L	100		MCAWW 415.1	07/17/06	6200178
	4.2	25.0	29.3	mg/L	100	0.51	MCAWW 415.1	07/17/06	6200178
			Dilution Factor: 1						
			Analysis Time..: 16:40						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D6G130171 **Matrix.....:** WATER
Date Sampled...: 07/12/06 12:30 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Sulfate		WO#: H85341A3-MS/H85341A4-MSD				MS Lot-Sample #: D6G130187-002	
	107 I	(45 - 153)			MCAWW 375.4	07/18/06	6199493
	106 I	(45 - 153)	0.39	(0-21)	MCAWW 375.4	07/18/06	6199493

Dilution Factor: 1
Analysis Time..: 08:45

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 #...: D6G130171 **Matrix.....:** WATER
Date Sampled...: 07/12/06 12:30 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Sulfate			WO#: H85341A3-MS/H85341A4-MSD				MS Lot-Sample #: D6G130187-002		
	9.2	25.0	35.9 I	mg/L	107		MCAWW 375.4	07/18/06	6199493
	9.2	25.0	35.8 I	mg/L	106	0.39	MCAWW 375.4	07/18/06	6199493
			Dilution Factor: 1						
			Analysis Time..: 08:45						

NOTE(S):

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

I Estimated result. Result concentration exceeds the calibration range.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D6G130171 **Work Order #...:** H8349-SMP H8349-DUP **Matrix.....:** WATER

Date Sampled...: 07/11/06 10:00 **Date Received..:** 07/12/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: D6G120292-003		
	210	200	mg/L	1.5	(0-20)	MCAWW 160.1	07/14/06	6195517
			Dilution Factor: 1			Analysis Time..: 13:30		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D6G130171 **Work Order #...:** H857L-SMP H857L-DUP **Matrix.....:** WATER

Date Sampled...: 07/12/06 09:55 **Date Received..:** 07/13/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						SD Lot-Sample #: D6G130194-006		
Total Alkalinity	120	120	mg/L	1.1	(0-10)	MCAWW 310.1	07/18/06	6200090
		Dilution Factor: 1				Analysis Time..: 15:00		

7-4
7/13/06
BB
7-11

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

79

STL-4124 (0901)

Client: WASTE MANAGEMENT	Project Manager: MARK SNYDER	Date:	Chain of Custody Number: 334711
Address: 2859 PACES FERRY RD, STE. 1600	Telephone Number (Area Code)/Fax Number: 770-805-3529	Lab Number:	Page 1 of 1
City: ~~ALT~~ ATLANTA / State: GA / Zip Code: 30339	Site Contact: MIKE QUEDENS	Lab Contact: Betty Sara	
Project Name and Location (State): Piedmont	Carrier/Waybill Number: FED-EX		
Contract/Purchase Order/Quote No.: 134 26744-J			

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	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): Nutrients (Lab)	VOA	Alkalinity, TDS, Hardness, Chloride	TOC, Nitrate	SM 4500 Cl	8270	6010 Ca, K, Mg, Na	8151A	TSS, Sulfides	Total Cyanide	Special Instructions/ Conditions of Receipt
MW09R	7/12/06	10:30		X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
TRPBLK	6/26/06	—		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 STANDARD

QC Requirements (Specify)

1. Relinquished By: Daniel Kindner	Date: 7/12/06	Time: 17:00	1. Received By: [signature]	Date: 7/13/06	Time: 0900
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

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: DeG13017-001

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
071206	1015	0015	26	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): 76495 (ft/msl)

Depth to Water (DTW) (from TOC): 2688 (ft)

Groundwater Elevation (site datum, from TOC): 73807 (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)
1015	1st	625	601	184	84	22	-1075	273
1017	2nd	623	577	179	25	20	-1039	274
1019	3rd	620	535	174	16	19	-965	273
1021	4th	619	526	174	12	18	-944	273
1023		618	520	174	10	19	-927	273
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.
071206	618	520	174	10	19	-927	273

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: Calm — Outlook: Sunny, 80's — Precipitation: Y or N

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

SYSTEM VOLUME : 830 mL — FLOW-CELL VOL. : 500mL

PURGE RATE : 300 mL/min

PSI : ~10

WELL CONDITION : Good, Needs brush Cleared around well

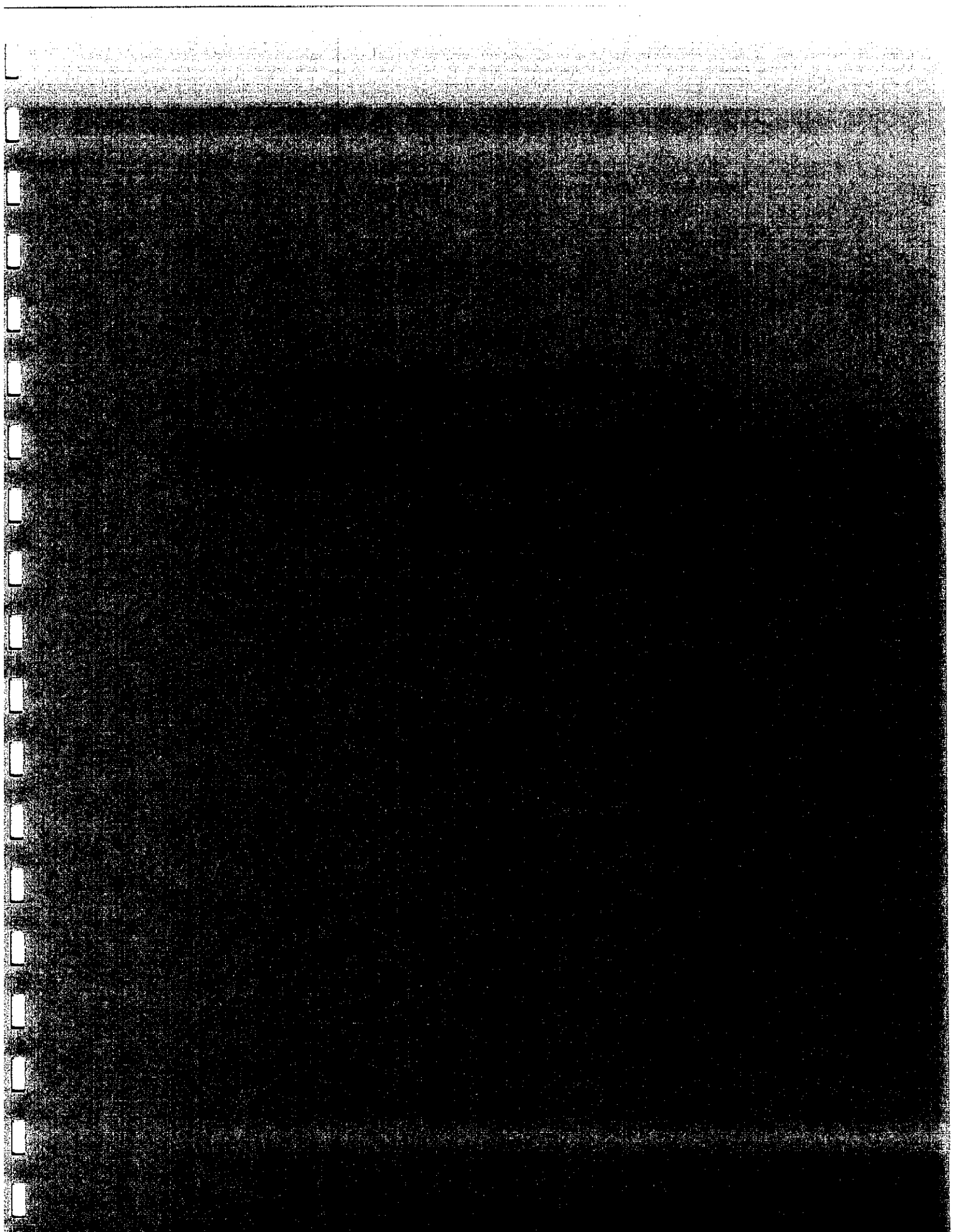
SAMPLE TIME : 10:30

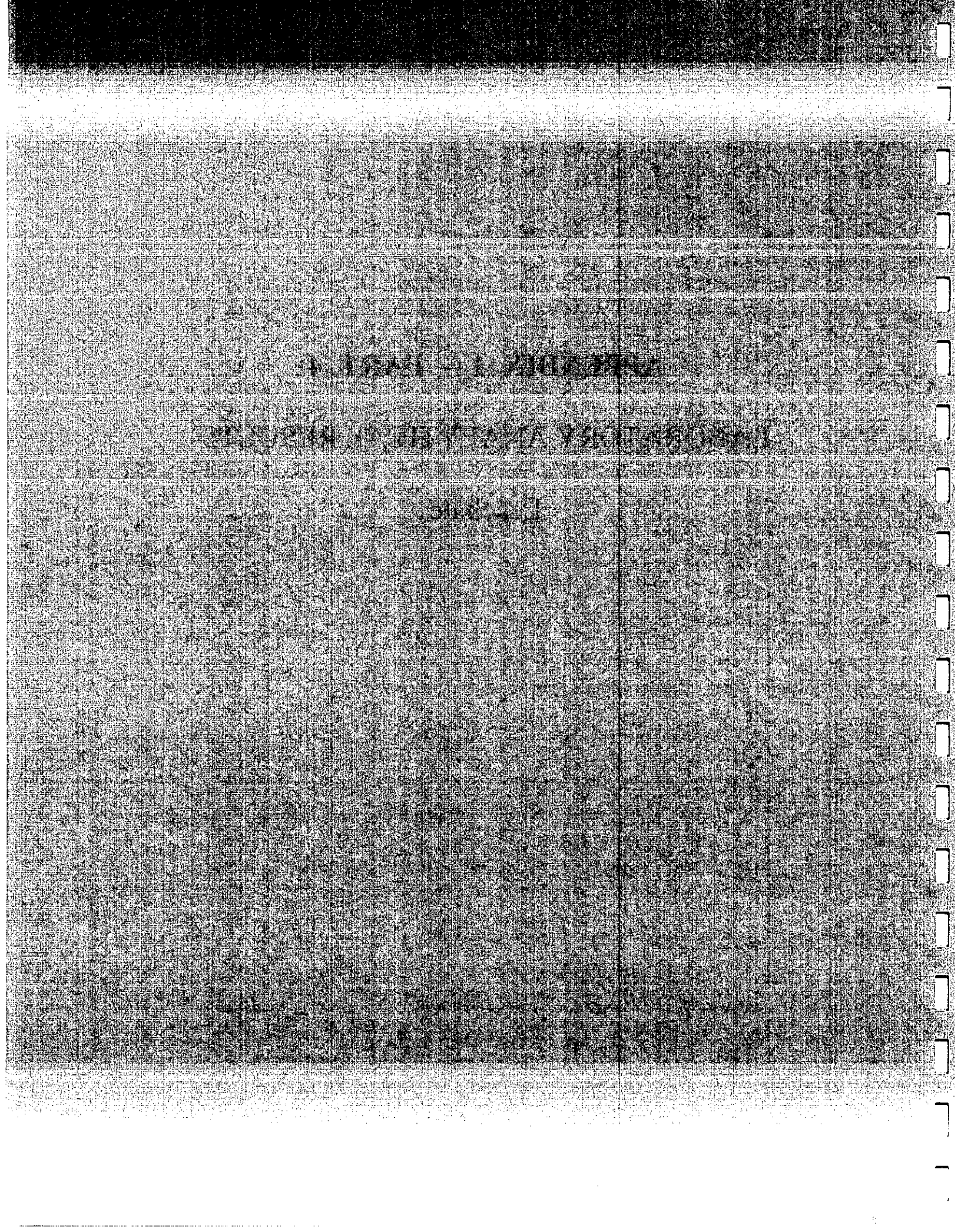
I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
7/12/06	Matt Osborne	Matthew Osborne	JEI
7/12/06	Dan Gironer		JEI

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

STL 8029W/FIR 12/0





SEVERN TRENT STL

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Arvada, CO 80002

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www.stl-inc.com

ANALYTICAL REPORT

Project No. Site 134

Piedmont Landfill

Lot #: D6G130174

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

July 28, 2006

RECEIVED JUL 31 2006

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.*	50

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

Case Narrative

Enclosed is the report for two samples received at STL Denver on July 13, 2006. 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 D6G130174

Sample Receiving

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

Two of the three vials received for the sample T01 contained approximately 3-4 mm of headspace, however one vial without headspace remained for VOA analysis. The client was notified.

All other 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)

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

The Matrix Spike and Matrix Spike Duplicate performed on 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.

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

Sample Duplicate

The RPD for BOD Method 405.1 performed on an unrelated sample was outside control limits. Because all other QC and calibration criteria were met no corrective action was needed.

EXECUTIVE SUMMARY - Detection Highlights

D6G130174

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
T01 07/12/06 14:40 001				
Manganese	1000	10	ug/L	SW846 6010B
Arsenic	25	5.0	ug/L	SW846 6010B
Thallium	19	10	ug/L	SW846 6010B
Cobalt	19	10	ug/L	SW846 6010B
Potassium	160000	3000	ug/L	SW846 6010B
Magnesium	52000	200	ug/L	SW846 6010B
Calcium	70000	200	ug/L	SW846 6010B
Iron	7600	100	ug/L	SW846 6010B
Sodium	560000	5000	ug/L	SW846 6010B
Barium	1200	500	ug/L	SW846 6010B
Chromium	25	10	ug/L	SW846 6010B
Nickel	120	50	ug/L	SW846 6010B
Total Dissolved Solids	1800	10	mg/L	MCAWW 160.1
Total Suspended Solids	50	4.0	mg/L	MCAWW 160.2
Biochemical Oxygen Demand (BOD)	220	2.0	mg/L	MCAWW 405.1
Chloride	530 Q	15	mg/L	MCAWW 300.0A
Total Organic Carbon	240 Q	10	mg/L	MCAWW 415.1
Total phosphorus	2.1 Q	0.25	mg/L	MCAWW 365.3
Bicarbonate, as CaCO3	1500	5.0	mg/L	MCAWW 310.1
Total Alkalinity	1500	5.0	mg/L	MCAWW 310.1
Ammonia as N	280 Q	2.0	mg/L	MCAWW 350.1
Chemical Oxygen Demand (COD)	730 Q	250	mg/L	MCAWW 410.4

PREPARATION METHODS SUMMARY

D6G130174

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
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

D6G130174

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
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

D6G130174

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 160.1	Christopher Grisdale	009582
MCAWW 160.2	Christopher Grisdale	009582
MCAWW 300.0A	Ewa Kudla	001167
MCAWW 310.1	Andrew M. Perlman	008060
MCAWW 350.1	Duane Allee	001470
MCAWW 353.2	Duane Allee	001470
MCAWW 365.3	Yupanqui Caldas	000999
MCAWW 375.4	Eva Jonska-Muteba	004988
MCAWW 405.1	Danielle M. Fougere	006481
MCAWW 410.4	Dusti O. Criqui	006589
MCAWW 415.1	Dusti O. Criqui	006589
SW846 6010B	Lynn-Anne Trudell	6645
SW846 7470A	Janice S. Collins	011668
SW846 8260B	Greg Meier	006004

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

D6G130174

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
H851A	001	T01	07/12/06	14:40
H851H	002	TRIP BLANK	07/12/06	

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: T01

GC/MS Volatiles

Lot-Sample #...: D6G130174-001 **Work Order #...:** H851A1AF **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:40 **Date Received..:** 07/13/06
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 09:41
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloromethane	ND	10	ug/L
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: T01

GC/MS Volatiles

Lot-Sample #...: D6G130174-001 **Work Order #...:** H851A1AF **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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(79 - 119)
1,2-Dichloroethane-d4	97	(65 - 126)
4-Bromofluorobenzene	101	(75 - 115)
Toluene-d8	98	(78 - 118)

Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D6G130174-002 **Work Order #...:** H851H1AA **Matrix.....:** WATER
Date Sampled...: 07/12/06 **Date Received..:** 07/13/06
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 09:59
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Acrylonitrile	ND	200	ug/L
Benzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon disulfide	ND	100	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chloroethane	ND	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
trans-1,4-Dichloro-2-butene	ND	100	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	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	10	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	5.0	ug/L
Tetrachloroethene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L

(Continued on next page)

Waste Management, Inc.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: D6G130174-002 **Work Order #...:** H851H1AA **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	5.0	ug/L
1,2,3-Trichloropropane	ND	15	ug/L
Vinyl acetate	ND	50	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L
1,2-Dibromoethane (EDB)	ND	5.0	ug/L
2-Butanone (MEK)	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(79 - 119)
1,2-Dichloroethane-d4	100	(65 - 126)
4-Bromofluorobenzene	112	(75 - 115)
Toluene-d8	106	(78 - 118)

Waste Management, Inc.

Client Sample ID: T01

TOTAL Metals

Lot-Sample #...: D6G130174-001 **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:40 **Date Received..:** 07/13/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6195319						
Potassium	**160000**	**3000**	**ug/L**	**SW846 6010B**	**07/18-07/19/06**	**H851A1AL**
		Dilution Factor: 1		Analysis Time..: 03:06		
Magnesium	**52000**	**200**	**ug/L**	**SW846 6010B**	**07/18-07/19/06**	**H851A1AM**
		Dilution Factor: 1		Analysis Time..: 03:06		
Calcium	**70000**	**200**	**ug/L**	**SW846 6010B**	**07/18-07/19/06**	**H851A1AT**
		Dilution Factor: 1		Analysis Time..: 03:06		
Manganese	**1000**	**10**	**ug/L**	**SW846 6010B**	**07/18-07/19/06**	**H851A1AU**
		Dilution Factor: 1		Analysis Time..: 03:06		
Iron	**7600**	**100**	**ug/L**	**SW846 6010B**	**07/18-07/19/06**	**H851A1AV**
		Dilution Factor: 1		Analysis Time..: 03:06		
Sodium	**560000**	**5000**	**ug/L**	**SW846 6010B**	**07/18-07/19/06**	**H851A1AX**
		Dilution Factor: 1		Analysis Time..: 03:06		
Cadmium	ND	1.0	ug/L	SW846 6010B	07/18-07/19/06	H851A1A1
		Dilution Factor: 1		Analysis Time..: 03:06		
Arsenic	**25**	**5.0**	**ug/L**	**SW846 6010B**	**07/18-07/19/06**	**H851A1A2**
		Dilution Factor: 1		Analysis Time..: 03:06		
Barium	**1200**	**500**	**ug/L**	**SW846 6010B**	**07/18-07/19/06**	**H851A1A3**
		Dilution Factor: 1		Analysis Time..: 03:06		
Beryllium	ND	2.0	ug/L	SW846 6010B	07/18-07/19/06	H851A1A4
		Dilution Factor: 1		Analysis Time..: 03:06		
Chromium	**25**	**10**	**ug/L**	**SW846 6010B**	**07/18-07/19/06**	**H851A1A5**
		Dilution Factor: 1		Analysis Time..: 03:06		
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H851A1A6
		Dilution Factor: 1		Analysis Time..: 03:06		
Nickel	**120**	**50**	**ug/L**	**SW846 6010B**	**07/18-07/19/06**	**H851A1A7**
		Dilution Factor: 1		Analysis Time..: 03:06		

(Continued on next page)

Waste Management, Inc.

Client Sample ID: T01

TOTAL Metals

Lot-Sample #...: D6G130174-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H851A1A8
		Dilution Factor: 1		Analysis Time..: 03:06		
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H851A1A9
		Dilution Factor: 1		Analysis Time..: 03:06		
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H851A1CA
		Dilution Factor: 1		Analysis Time..: 03:06		
Thallium	**19**	**10**	**ug/L**	**SW846 6010B**	**07/18-07/19/06**	**H851A1CC**
		Dilution Factor: 1		Analysis Time..: 03:06		
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H851A1CD
		Dilution Factor: 1		Analysis Time..: 03:06		
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H851A1CE
		Dilution Factor: 1		Analysis Time..: 03:06		
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H851A1CF
		Dilution Factor: 1		Analysis Time..: 03:06		
Cobalt	**19**	**10**	**ug/L**	**SW846 6010B**	**07/18-07/19/06**	**H851A1CG**
		Dilution Factor: 1		Analysis Time..: 03:06		
Prep Batch #...: 6205212						
Mercury	ND	0.50	ug/L	SW846 7470A	07/24/06	H851A1AG
		Dilution Factor: 1		Analysis Time..: 17:28		

Waste Management, Inc.

Client Sample ID: T01

General Chemistry

Lot-Sample #...: D6G130174-001 **Work Order #...:** H851A **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:40 **Date Received..:** 07/13/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N	**280 Q**	**2.0**	**mg/L**	**MCAWW 350.1**	**07/25/06**	**6207485**
		Dilution Factor: 50		Analysis Time..: 12:00		
Bicarbonate, as CaCO 3	**1500**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/18/06**	**6200093**
		Dilution Factor: 1		Analysis Time..: 15:00		
Biochemical Oxygen Demand (BOD)	**220**	**2.0**	**mg/L**	**MCAWW 405.1**	**07/13/06**	**6194544**
		Dilution Factor: 1		Analysis Time..: 13:00		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310.1	07/18/06	6200095
		Dilution Factor: 1		Analysis Time..: 15:00		
Chemical Oxygen Demand (COD)	**730 Q**	**250**	**mg/L**	**MCAWW 410.4**	**07/17/06**	**6197507**
		Dilution Factor: 5		Analysis Time..: 15:00		
Chloride	**530 Q**	**15**	**mg/L**	**MCAWW 300.0A**	**07/20-07/21/06**	**6205208**
		Dilution Factor: 50		Analysis Time..: 01:25		
Nitrate	ND	0.50	mg/L	MCAWW 353.2	07/13/06	6207541
		Dilution Factor: 1		Analysis Time..: 14:30		
Sulfate	ND G	500	mg/L	MCAWW 375.4	07/18/06	6199497
		Dilution Factor: 100		Analysis Time..: 08:45		
Total phosphorus	**2.1 Q**	**0.25**	**mg/L**	**MCAWW 365.3**	**07/23-07/24/06**	**6205623**
		Dilution Factor: 5		Analysis Time..: 23:00		
Total Alkalinity	**1500**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/18/06**	**6200091**
		Dilution Factor: 1		Analysis Time..: 15:00		
Total Dissolved Solids	**1800**	**10**	**mg/L**	**MCAWW 160.1**	**07/14/06**	**6195518**
		Dilution Factor: 1		Analysis Time..: 13:30		
Total Organic Carbon	**240 Q**	**10**	**mg/L**	**MCAWW 415.1**	**07/17/06**	**6200178**
		Dilution Factor: 10		Analysis Time..: 16:40		
Total Suspended Solids	**50**	**4.0**	**mg/L**	**MCAWW 160.2**	**07/14/06**	**6195516**
		Dilution Factor: 1		Analysis Time..: 13:00		

(Continued on next page)

Waste Management, Inc.

Client Sample ID: T01

General Chemistry

Lot-Sample #...: D6G130174-001 **Work Order #...:** H851A **Matrix.....:** WATER

NOTE(S):

RL Reporting Limit

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

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

QC DATA ASSOCIATION SUMMARY

D6G130174

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	MCAWW 160.1		6195518	6205056
	WATER	MCAWW 160.2		6195516	6198268
	WATER	MCAWW 310.1		6200095	
	WATER	MCAWW 353.2		6207541	
	WATER	MCAWW 405.1		6194544	6203038
	WATER	MCAWW 300.0A		6205208	6205111
	WATER	MCAWW 415.1		6200178	6200117
	WATER	MCAWW 365.3		6205623	6205364
	WATER	SW846 7470A		6205212	6205137
	WATER	SW846 8260B		6205089	6205163
	WATER	SW846 6010B		6195319	6195205
	WATER	MCAWW 375.4		6199497	6200304
	WATER	MCAWW 310.1		6200093	
	WATER	MCAWW 310.1		6200091	6201208
	WATER	MCAWW 350.1		6207485	6207317
	WATER	MCAWW 410.4		6197507	6198329
002	WATER	SW846 8260B		6205089	6205163

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D6G130174 **Work Order #...:** H9V751AA **Matrix.....:** WATER
MB Lot-Sample #: D6G240000-089

Prep Date.....: 07/21/06 **Analysis Time..:** 08:05
Analysis Date..: 07/21/06 **Prep Batch #...:** 6205089
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	100	ug/L	SW846 8260B
Benzene	ND	5.0	ug/L	SW846 8260B
Bromodichloromethane	ND	5.0	ug/L	SW846 8260B
Bromoform	ND	5.0	ug/L	SW846 8260B
Bromomethane	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	100	ug/L	SW846 8260B
Carbon tetrachloride	ND	10	ug/L	SW846 8260B
Chlorobenzene	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	5.0	ug/L	SW846 8260B
Chloroethane	ND	10	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	10	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	5.0	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	5.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	10	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	10	ug/L	SW846 8260B
Ethylbenzene	ND	5.0	ug/L	SW846 8260B
2-Hexanone	ND	50	ug/L	SW846 8260B
Methylene chloride	ND	10	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	5.0	ug/L	SW846 8260B
Tetrachloroethene	ND	5.0	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	5.0	ug/L	SW846 8260B
Vinyl chloride	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	5.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	100	ug/L	SW846 8260B
Acrylonitrile	ND	200	ug/L	SW846 8260B
Bromochloromethane	ND	5.0	ug/L	SW846 8260B
Dibromomethane	ND	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	100	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D6G130174 **Work Order #...:** H9V751AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichlorofluoromethane	ND	5.0	ug/L	SW846 8260B
Iodomethane	ND	10	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	15	ug/L	SW846 8260B
Vinyl acetate	ND	50	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(79 - 119)
1,2-Dichloroethane-d4	100	(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.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D6G130174 **Work Order #...:** H9V751AC **Matrix.....:** WATER
LCS Lot-Sample#: D6G240000-089
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 07:46
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**112**	**(68 - 133)**	**SW846 8260B**
Benzene	**100**	**(77 - 118)**	**SW846 8260B**
Chlorobenzene	**103**	**(78 - 118)**	**SW846 8260B**
Toluene	**104**	**(73 - 120)**	**SW846 8260B**
Trichloroethene	**95**	**(78 - 122)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(79 - 119)
1,2-Dichloroethane-d4	99	(65 - 126)
4-Bromofluorobenzene	100	(75 - 115)
Toluene-d8	103	(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 #...: D6G130174 **Work Order #...:** H9V751AC **Matrix.....:** WATER
LCS Lot-Sample#: D6G240000-089
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 07:46
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**11.2**	**ug/L**	**112**	**SW846 8260B**
Benzene	**10.0**	**10.0**	**ug/L**	**100**	**SW846 8260B**
Chlorobenzene	**10.0**	**10.3**	**ug/L**	**103**	**SW846 8260B**
Toluene	**10.0**	**10.4**	**ug/L**	**104**	**SW846 8260B**
Trichloroethene	**10.0**	**9.55**	**ug/L**	**95**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(79 - 119)
1,2-Dichloroethane-d4	99	(65 - 126)
4-Bromofluorobenzene	100	(75 - 115)
Toluene-d8	103	(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 #...: D6G130174 **Work Order #...:** H850D1D8-MS **Matrix.....:** WATER
MS Lot-Sample #: D6G130171-001 H850D1D9-MSD
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 08:45
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**113**	**(68 - 133)**			**SW846 8260B**
	116	**(68 - 133)**	**2.7**	**(0-20)**	**SW846 8260B**
Benzene	**106**	**(77 - 118)**			**SW846 8260B**
	103	**(77 - 118)**	**2.6**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**105**	**(78 - 118)**			**SW846 8260B**
	110	**(78 - 118)**	**4.7**	**(0-20)**	**SW846 8260B**
Toluene	**112**	**(73 - 120)**			**SW846 8260B**
	103	**(73 - 120)**	**8.5**	**(0-20)**	**SW846 8260B**
Trichloroethene	**96**	**(78 - 122)**			**SW846 8260B**
	93	**(78 - 122)**	**2.5**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(79 - 119)
	102	(79 - 119)
1,2-Dichloroethane-d4	95	(65 - 126)
	100	(65 - 126)
4-Bromofluorobenzene	100	(75 - 115)
	103	(75 - 115)
Toluene-d8	100	(78 - 118)
	108	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D6G130174 **Work Order #...:** H850D1D8-MS **Matrix.....:** WATER
MS Lot-Sample #: D6G130171-001 H850D1D9-MSD
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06
Prep Date.....: 07/21/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6205089 **Analysis Time..:** 08:45
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	**ND**	**10.0**	**11.3**	**ug/L**	**113**		**SW846 8260B**
	ND	**10.0**	**11.6**	**ug/L**	**116**	**2.7**	**SW846 8260B**
Benzene	**ND**	**10.0**	**10.9**	**ug/L**	**106**		**SW846 8260B**
	ND	**10.0**	**10.6**	**ug/L**	**103**	**2.6**	**SW846 8260B**
Chlorobenzene	**ND**	**10.0**	**10.5**	**ug/L**	**105**		**SW846 8260B**
	ND	**10.0**	**11.0**	**ug/L**	**110**	**4.7**	**SW846 8260B**
Toluene	**ND**	**10.0**	**11.2**	**ug/L**	**112**		**SW846 8260B**
	ND	**10.0**	**10.3**	**ug/L**	**103**	**8.5**	**SW846 8260B**
Trichloroethene	**ND**	**10.0**	**10.5**	**ug/L**	**96**		**SW846 8260B**
	ND	**10.0**	**10.2**	**ug/L**	**93**	**2.5**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(79 - 119)
	102	(79 - 119)
1,2-Dichloroethane-d4	95	(65 - 126)
	100	(65 - 126)
4-Bromofluorobenzene	100	(75 - 115)
	103	(75 - 115)
Toluene-d8	100	(78 - 118)
	108	(78 - 118)

NOTE(S):

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

Bold print denotes control parameters

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D6G130174 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D6G140000-319 **Prep Batch #...:** 6195319						
Potassium	ND	3000	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AA
		Dilution Factor: 1				
		Analysis Time..: 02:53				
Magnesium	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AC
		Dilution Factor: 1				
		Analysis Time..: 02:53				
Calcium	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AD
		Dilution Factor: 1				
		Analysis Time..: 02:53				
Manganese	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AE
		Dilution Factor: 1				
		Analysis Time..: 02:53				
Iron	ND	100	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AF
		Dilution Factor: 1				
		Analysis Time..: 02:53				
Sodium	ND	5000	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AG
		Dilution Factor: 1				
		Analysis Time..: 02:53				
Cadmium	ND	1.0	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AH
		Dilution Factor: 1				
		Analysis Time..: 02:53				
Arsenic	ND	5.0	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AJ
		Dilution Factor: 1				
		Analysis Time..: 02:53				
Barium	ND	500	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AK
		Dilution Factor: 1				
		Analysis Time..: 02:53				
Beryllium	ND	2.0	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AL
		Dilution Factor: 1				
		Analysis Time..: 02:53				
Chromium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AM
		Dilution Factor: 1				
		Analysis Time..: 02:53				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D6G130174 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	200	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AN
		Dilution Factor: 1				
		Analysis Time..: 02:53				
Nickel	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AP
		Dilution Factor: 1				
		Analysis Time..: 02:53				
Lead	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AQ
		Dilution Factor: 1				
		Analysis Time..: 02:53				
Antimony	ND	30	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AR
		Dilution Factor: 1				
		Analysis Time..: 02:53				
Selenium	ND	20	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AT
		Dilution Factor: 1				
		Analysis Time..: 02:53				
Thallium	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AU
		Dilution Factor: 1				
		Analysis Time..: 02:53				
Vanadium	ND	40	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AV
		Dilution Factor: 1				
		Analysis Time..: 02:53				
Zinc	ND	50	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AW
		Dilution Factor: 1				
		Analysis Time..: 02:53				
Silver	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H89MH1AX
		Dilution Factor: 1				
		Analysis Time..: 02:53				
Cobalt	ND	10	ug/L	SW846 6010B	07/18-07/19/06	H89MH1A0
		Dilution Factor: 1				
		Analysis Time..: 02:53				

MB Lot-Sample #: D6G240000-212 **Prep Batch #...:** 6205212

Mercury	ND	0.50	ug/L	SW846 7470A	07/24/06	H9V071AA
		Dilution Factor: 1				
		Analysis Time..: 17:23				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D6G130174 Matrix.....: WATER

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130174 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D6G140000-319 **Prep Batch #...:** 6195319					
Potassium	110	(89 - 114)	SW846 6010B	07/18-07/19/06	H89MH1A1
		Dilution Factor: 1	Analysis Time..: 03:00		
Magnesium	102	(92 - 113)	SW846 6010B	07/18-07/19/06	H89MH1A2
		Dilution Factor: 1	Analysis Time..: 03:00		
Calcium	103	(90 - 111)	SW846 6010B	07/18-07/19/06	H89MH1A3
		Dilution Factor: 1	Analysis Time..: 03:00		
Manganese	102	(90 - 110)	SW846 6010B	07/18-07/19/06	H89MH1A4
		Dilution Factor: 1	Analysis Time..: 03:00		
Iron	101	(89 - 116)	SW846 6010B	07/18-07/19/06	H89MH1A5
		Dilution Factor: 1	Analysis Time..: 03:00		
Sodium	108	(90 - 117)	SW846 6010B	07/18-07/19/06	H89MH1A6
		Dilution Factor: 1	Analysis Time..: 03:00		
Cadmium	97	(88 - 111)	SW846 6010B	07/18-07/19/06	H89MH1A7
		Dilution Factor: 1	Analysis Time..: 03:00		
Arsenic	101	(88 - 109)	SW846 6010B	07/18-07/19/06	H89MH1A8
		Dilution Factor: 1	Analysis Time..: 03:00		
Barium	107	(92 - 112)	SW846 6010B	07/18-07/19/06	H89MH1A9
		Dilution Factor: 1	Analysis Time..: 03:00		
Beryllium	93	(89 - 113)	SW846 6010B	07/18-07/19/06	H89MH1CA
		Dilution Factor: 1	Analysis Time..: 03:00		
Chromium	101	(90 - 113)	SW846 6010B	07/18-07/19/06	H89MH1CC
		Dilution Factor: 1	Analysis Time..: 03:00		
Copper	104	(86 - 112)	SW846 6010B	07/18-07/19/06	H89MH1CD
		Dilution Factor: 1	Analysis Time..: 03:00		
Nickel	102	(89 - 111)	SW846 6010B	07/18-07/19/06	H89MH1CE
		Dilution Factor: 1	Analysis Time..: 03:00		
Lead	99	(89 - 109)	SW846 6010B	07/18-07/19/06	H89MH1CF
		Dilution Factor: 1	Analysis Time..: 03:00		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130174 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	102	(88 - 108)	SW846 6010B	07/18-07/19/06	H89MH1CG
		Dilution Factor: 1	Analysis Time..: 03:00		
Selenium	100	(90 - 110)	SW846 6010B	07/18-07/19/06	H89MH1CH
		Dilution Factor: 1	Analysis Time..: 03:00		
Thallium	101	(88 - 108)	SW846 6010B	07/18-07/19/06	H89MH1CJ
		Dilution Factor: 1	Analysis Time..: 03:00		
Vanadium	102	(91 - 111)	SW846 6010B	07/18-07/19/06	H89MH1CK
		Dilution Factor: 1	Analysis Time..: 03:00		
Zinc	101	(84 - 111)	SW846 6010B	07/18-07/19/06	H89MH1CL
		Dilution Factor: 1	Analysis Time..: 03:00		
Silver	101	(86 - 120)	SW846 6010B	07/18-07/19/06	H89MH1CM
		Dilution Factor: 1	Analysis Time..: 03:00		
Cobalt	101	(89 - 111)	SW846 6010B	07/18-07/19/06	H89MH1CN
		Dilution Factor: 1	Analysis Time..: 03:00		
LCS Lot-Sample#: D6G240000-212		**Prep Batch #...:** 6205212			
Mercury	100	(88 - 111)	SW846 7470A	07/24/06	H9V071AC
		Dilution Factor: 1	Analysis Time..: 17:25		

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130174 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D6G140000-319 **Prep Batch #...:** 6195319							
Potassium	50000	55200	ug/L	110	SW846 6010B	07/18-07/19/06	H89MH1A1
			Dilution Factor: 1		Analysis Time..: 03:00		
Magnesium	50000	50900	ug/L	102	SW846 6010B	07/18-07/19/06	H89MH1A2
			Dilution Factor: 1		Analysis Time..: 03:00		
Calcium	50000	51600	ug/L	103	SW846 6010B	07/18-07/19/06	H89MH1A3
			Dilution Factor: 1		Analysis Time..: 03:00		
Manganese	500	512	ug/L	102	SW846 6010B	07/18-07/19/06	H89MH1A4
			Dilution Factor: 1		Analysis Time..: 03:00		
Iron	1000	1010	ug/L	101	SW846 6010B	07/18-07/19/06	H89MH1A5
			Dilution Factor: 1		Analysis Time..: 03:00		
Sodium	50000	54000	ug/L	108	SW846 6010B	07/18-07/19/06	H89MH1A6
			Dilution Factor: 1		Analysis Time..: 03:00		
Cadmium	50.0	48.7	ug/L	97	SW846 6010B	07/18-07/19/06	H89MH1A7
			Dilution Factor: 1		Analysis Time..: 03:00		
Arsenic	2000	2020	ug/L	101	SW846 6010B	07/18-07/19/06	H89MH1A8
			Dilution Factor: 1		Analysis Time..: 03:00		
Barium	2000	2150	ug/L	107	SW846 6010B	07/18-07/19/06	H89MH1A9
			Dilution Factor: 1		Analysis Time..: 03:00		
Beryllium	50.0	46.7	ug/L	93	SW846 6010B	07/18-07/19/06	H89MH1CA
			Dilution Factor: 1		Analysis Time..: 03:00		
Chromium	200	202	ug/L	101	SW846 6010B	07/18-07/19/06	H89MH1CC
			Dilution Factor: 1		Analysis Time..: 03:00		
Copper	250	259	ug/L	104	SW846 6010B	07/18-07/19/06	H89MH1CD
			Dilution Factor: 1		Analysis Time..: 03:00		
Nickel	500	511	ug/L	102	SW846 6010B	07/18-07/19/06	H89MH1CE
			Dilution Factor: 1		Analysis Time..: 03:00		
Lead	500	493	ug/L	99	SW846 6010B	07/18-07/19/06	H89MH1CF
			Dilution Factor: 1		Analysis Time..: 03:00		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130174 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	500	511	ug/L	102	SW846 6010B	07/18-07/19/06	H89MH1CG
			Dilution Factor: 1		Analysis Time..: 03:00		
Selenium	2000	1990	ug/L	100	SW846 6010B	07/18-07/19/06	H89MH1CH
			Dilution Factor: 1		Analysis Time..: 03:00		
Thallium	2000	2010	ug/L	101	SW846 6010B	07/18-07/19/06	H89MH1CJ
			Dilution Factor: 1		Analysis Time..: 03:00		
Vanadium	500	512	ug/L	102	SW846 6010B	07/18-07/19/06	H89MH1CK
			Dilution Factor: 1		Analysis Time..: 03:00		
Zinc	500	503	ug/L	101	SW846 6010B	07/18-07/19/06	H89MH1CL
			Dilution Factor: 1		Analysis Time..: 03:00		
Silver	50.0	50.4	ug/L	101	SW846 6010B	07/18-07/19/06	H89MH1CM
			Dilution Factor: 1		Analysis Time..: 03:00		
Cobalt	500	506	ug/L	101	SW846 6010B	07/18-07/19/06	H89MH1CN
			Dilution Factor: 1		Analysis Time..: 03:00		
LCS Lot-Sample#: D6G240000-212 **Prep Batch #...:** 6205212							
Mercury	5.00	5.01	ug/L	100	SW846 7470A	07/24/06	H9V071AC
			Dilution Factor: 1		Analysis Time..: 17:25		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130174 **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:40 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G130174-001 **Prep Batch #...:** 6195319							
Potassium	112	(76 - 132)			SW846 6010B	07/18-07/19/06	H851A1CH
	124	(76 - 132)	2.8	(0-25)	SW846 6010B	07/18-07/19/06	H851A1CJ
		Dilution Factor: 1					
		Analysis Time..: 03:18					
Magnesium	103	(62 - 146)			SW846 6010B	07/18-07/19/06	H851A1CK
	104	(62 - 146)	0.36	(0-25)	SW846 6010B	07/18-07/19/06	H851A1CL
		Dilution Factor: 1					
		Analysis Time..: 03:18					
Calcium	101	(48 - 153)			SW846 6010B	07/18-07/19/06	H851A1CM
	102	(48 - 153)	0.56	(0-25)	SW846 6010B	07/18-07/19/06	H851A1CN
		Dilution Factor: 1					
		Analysis Time..: 03:18					
Manganese	98	(79 - 121)			SW846 6010B	07/18-07/19/06	H851A1CP
	101	(79 - 121)	1.0	(0-25)	SW846 6010B	07/18-07/19/06	H851A1CQ
		Dilution Factor: 1					
		Analysis Time..: 03:18					
Iron	NC,MSB	(52 - 155)			SW846 6010B	07/18-07/19/06	H851A1CR
	NC,MSB	(52 - 155)		(0-25)	SW846 6010B	07/18-07/19/06	H851A1CT
		Dilution Factor: 1					
		Analysis Time..: 03:18					
Sodium	NC,MSB	(70 - 203)			SW846 6010B	07/18-07/19/06	H851A1CU
	NC,MSB	(70 - 203)		(0-40)	SW846 6010B	07/18-07/19/06	H851A1CV
		Dilution Factor: 1					
		Analysis Time..: 03:18					
Cadmium	98	(82 - 119)			SW846 6010B	07/18-07/19/06	H851A1CW
	97	(82 - 119)	0.82	(0-25)	SW846 6010B	07/18-07/19/06	H851A1CX
		Dilution Factor: 1					
		Analysis Time..: 03:18					
Arsenic	107	(84 - 124)			SW846 6010B	07/18-07/19/06	H851A1C0
	107	(84 - 124)	0.43	(0-25)	SW846 6010B	07/18-07/19/06	H851A1C1
		Dilution Factor: 1					
		Analysis Time..: 03:18					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130174 **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:40 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Barium	110	(85 - 120)			SW846 6010B	07/18-07/19/06	H851A1C2
	113	(85 - 120)	1.4	(0-25)	SW846 6010B	07/18-07/19/06	H851A1C3
		Dilution Factor: 1					
		Analysis Time..: 03:18					
Beryllium	96	(79 - 121)			SW846 6010B	07/18-07/19/06	H851A1C4
	95	(79 - 121)	1.3	(0-25)	SW846 6010B	07/18-07/19/06	H851A1C5
		Dilution Factor: 1					
		Analysis Time..: 03:18					
Chromium	102	(73 - 135)			SW846 6010B	07/18-07/19/06	H851A1C6
	102	(73 - 135)	0.26	(0-25)	SW846 6010B	07/18-07/19/06	H851A1C7
		Dilution Factor: 1					
		Analysis Time..: 03:18					
Copper	115	(82 - 129)			SW846 6010B	07/18-07/19/06	H851A1C8
	114	(82 - 129)	0.69	(0-25)	SW846 6010B	07/18-07/19/06	H851A1C9
		Dilution Factor: 1					
		Analysis Time..: 03:18					
Nickel	101	(84 - 120)			SW846 6010B	07/18-07/19/06	H851A1DA
	102	(84 - 120)	0.51	(0-25)	SW846 6010B	07/18-07/19/06	H851A1DC
		Dilution Factor: 1					
		Analysis Time..: 03:18					
Lead	97	(89 - 121)			SW846 6010B	07/18-07/19/06	H851A1DD
	97	(89 - 121)	0.29	(0-25)	SW846 6010B	07/18-07/19/06	H851A1DE
		Dilution Factor: 1					
		Analysis Time..: 03:18					
Antimony	105	(81 - 124)			SW846 6010B	07/18-07/19/06	H851A1DF
	107	(81 - 124)	1.1	(0-25)	SW846 6010B	07/18-07/19/06	H851A1DG
		Dilution Factor: 1					
		Analysis Time..: 03:18					
Selenium	106	(71 - 140)			SW846 6010B	07/18-07/19/06	H851A1DH
	105	(71 - 140)	0.09	(0-25)	SW846 6010B	07/18-07/19/06	H851A1DJ
		Dilution Factor: 1					
		Analysis Time..: 03:18					
Thallium	98	(90 - 116)			SW846 6010B	07/18-07/19/06	H851A1DK
	98	(90 - 116)	0.35	(0-25)	SW846 6010B	07/18-07/19/06	H851A1DL
		Dilution Factor: 1					
		Analysis Time..: 03:18					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130174 **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:40 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	101	(85 - 120)			SW846 6010B	07/18-07/19/06	H851A1DM
	100	(85 - 120)	0.71	(0-25)	SW846 6010B	07/18-07/19/06	H851A1DN
		Dilution Factor: 1					
		Analysis Time..: 03:18					
Zinc	99	(60 - 137)			SW846 6010B	07/18-07/19/06	H851A1DP
	98	(60 - 137)	1.3	(0-25)	SW846 6010B	07/18-07/19/06	H851A1DQ
		Dilution Factor: 1					
		Analysis Time..: 03:18					
Silver	106	(75 - 141)			SW846 6010B	07/18-07/19/06	H851A1DR
	104	(75 - 141)	1.8	(0-25)	SW846 6010B	07/18-07/19/06	H851A1DT
		Dilution Factor: 1					
		Analysis Time..: 03:18					
Cobalt	101	(82 - 119)			SW846 6010B	07/18-07/19/06	H851A1DU
	101	(82 - 119)	0.08	(0-25)	SW846 6010B	07/18-07/19/06	H851A1DV
		Dilution Factor: 1					
		Analysis Time..: 03:18					

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130174 **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:40 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G130174-001 **Prep Batch #...:** 6195319									
Potassium									
	160000	50000	212000	ug/L	112		SW846 6010B	07/18-07/19/06	H851A1CH
	160000	50000	218000	ug/L	124	2.8	SW846 6010B	07/18-07/19/06	H851A1CJ
			Dilution Factor: 1						
			Analysis Time..: 03:18						
Magnesium									
	52000	50000	103000	ug/L	103		SW846 6010B	07/18-07/19/06	H851A1CK
	52000	50000	103000	ug/L	104	0.36	SW846 6010B	07/18-07/19/06	H851A1CL
			Dilution Factor: 1						
			Analysis Time..: 03:18						
Calcium									
	70000	50000	120000	ug/L	101		SW846 6010B	07/18-07/19/06	H851A1CM
	70000	50000	121000	ug/L	102	0.56	SW846 6010B	07/18-07/19/06	H851A1CN
			Dilution Factor: 1						
			Analysis Time..: 03:18						
Manganese									
	1000	500	1530	ug/L	98		SW846 6010B	07/18-07/19/06	H851A1CP
	1000	500	1550	ug/L	101	1.0	SW846 6010B	07/18-07/19/06	H851A1CQ
			Dilution Factor: 1						
			Analysis Time..: 03:18						
Iron									
	7600	1000	8650	ug/L			SW846 6010B	07/18-07/19/06	H851A1CR
			Qualifiers: NC,MSB						
	7600	1000	8820	ug/L			SW846 6010B	07/18-07/19/06	H851A1CT
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 03:18						
Sodium									
	560000	50000	612000	ug/L			SW846 6010B	07/18-07/19/06	H851A1CU
			Qualifiers: NC,MSB						
	560000	50000	629000	ug/L			SW846 6010B	07/18-07/19/06	H851A1CV
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 03:18						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130174 **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:40 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium									
	ND	50.0	48.8	ug/L	98		SW846 6010B	07/18-07/19/06	H851A1CW
	ND	50.0	48.4	ug/L	97	0.82	SW846 6010B	07/18-07/19/06	H851A1CX
			Dilution Factor: 1						
			Analysis Time..: 03:18						
Arsenic									
	25	2000	2170	ug/L	107		SW846 6010B	07/18-07/19/06	H851A1C0
	25	2000	2160	ug/L	107	0.43	SW846 6010B	07/18-07/19/06	H851A1C1
			Dilution Factor: 1						
			Analysis Time..: 03:18						
Barium									
	1200	2000	3430	ug/L	110		SW846 6010B	07/18-07/19/06	H851A1C2
	1200	2000	3480	ug/L	113	1.4	SW846 6010B	07/18-07/19/06	H851A1C3
			Dilution Factor: 1						
			Analysis Time..: 03:18						
Beryllium									
	ND	50.0	48.1	ug/L	96		SW846 6010B	07/18-07/19/06	H851A1C4
	ND	50.0	47.5	ug/L	95	1.3	SW846 6010B	07/18-07/19/06	H851A1C5
			Dilution Factor: 1						
			Analysis Time..: 03:18						
Chromium									
	25	200	229	ug/L	102		SW846 6010B	07/18-07/19/06	H851A1C6
	25	200	229	ug/L	102	0.26	SW846 6010B	07/18-07/19/06	H851A1C7
			Dilution Factor: 1						
			Analysis Time..: 03:18						
Copper									
	ND	250	322	ug/L	115		SW846 6010B	07/18-07/19/06	H851A1C8
	ND	250	320	ug/L	114	0.69	SW846 6010B	07/18-07/19/06	H851A1C9
			Dilution Factor: 1						
			Analysis Time..: 03:18						
Nickel									
	120	500	624	ug/L	101		SW846 6010B	07/18-07/19/06	H851A1DA
	120	500	627	ug/L	102	0.51	SW846 6010B	07/18-07/19/06	H851A1DC
			Dilution Factor: 1						
			Analysis Time..: 03:18						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130174 **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:40 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead									
	ND	500	485	ug/L	97		SW846 6010B	07/18-07/19/06	H851A1DD
	ND	500	483	ug/L	97	0.29	SW846 6010B	07/18-07/19/06	H851A1DE
			Dilution Factor: 1						
			Analysis Time..: 03:18						
Antimony									
	ND	500	534	ug/L	105		SW846 6010B	07/18-07/19/06	H851A1DF
	ND	500	540	ug/L	107	1.1	SW846 6010B	07/18-07/19/06	H851A1DG
			Dilution Factor: 1						
			Analysis Time..: 03:18						
Selenium									
	ND	2000	2110	ug/L	106		SW846 6010B	07/18-07/19/06	H851A1DH
	ND	2000	2110	ug/L	105	0.09	SW846 6010B	07/18-07/19/06	H851A1DJ
			Dilution Factor: 1						
			Analysis Time..: 03:18						
Thallium									
	19	2000	1980	ug/L	98		SW846 6010B	07/18-07/19/06	H851A1DK
	19	2000	1980	ug/L	98	0.35	SW846 6010B	07/18-07/19/06	H851A1DL
			Dilution Factor: 1						
			Analysis Time..: 03:18						
Vanadium									
	ND	500	524	ug/L	101		SW846 6010B	07/18-07/19/06	H851A1DM
	ND	500	520	ug/L	100	0.71	SW846 6010B	07/18-07/19/06	H851A1DN
			Dilution Factor: 1						
			Analysis Time..: 03:18						
Zinc									
	ND	500	527	ug/L	99		SW846 6010B	07/18-07/19/06	H851A1DP
	ND	500	520	ug/L	98	1.3	SW846 6010B	07/18-07/19/06	H851A1DQ
			Dilution Factor: 1						
			Analysis Time..: 03:18						
Silver									
	ND	50.0	53.2	ug/L	106		SW846 6010B	07/18-07/19/06	H851A1DR
	ND	50.0	52.2	ug/L	104	1.8	SW846 6010B	07/18-07/19/06	H851A1DT
			Dilution Factor: 1						
			Analysis Time..: 03:18						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130174 **Matrix.....:** WATER
Date Sampled...: 07/12/06 14:40 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	19	500	526	ug/L	101		SW846 6010B	07/18-07/19/06	H851A1DU
	19	500	526	ug/L	101	0.08	SW846 6010B	07/18-07/19/06	H851A1DV

Dilution Factor: 1
Analysis Time..: 03:18

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130174 **Matrix.....:** WATER
Date Sampled...: 07/11/06 11:15 **Date Received..:** 07/12/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G120358-020 **Prep Batch #...:** 6205212							
Mercury	97	(88 - 111)			SW846 7470A	07/24/06	H842T1A2
	98	(88 - 111)	1.9	(0-10)	SW846 7470A	07/24/06	H842T1A3
		Dilution Factor: 1					
		Analysis Time..: 18:04					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6G130174 **Matrix.....:** WATER
Date Sampled...: 07/11/06 11:15 **Date Received..:** 07/12/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G120358-020 **Prep Batch #...:** 6205212									
Mercury									
	ND	5.00	4.83	ug/L	97		SW846 7470A	07/24/06	H842T1A2
	ND	5.00	4.92	ug/L	98	1.9	SW846 7470A	07/24/06	H842T1A3

Dilution Factor: 1
Analysis Time..: 18:04

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6G130174 **Matrix.....:** WATER
Date Sampled...: 07/12/06 11:00 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G120362-008 **Prep Batch #...:** 6205212							
Mercury	80 N	(88 - 111)			SW846 7470A	07/24/06	H87VQ1A8
	81 N	(88 - 111)	0.70	(0-10)	SW846 7470A	07/24/06	H87VQ1A9
		Dilution Factor: 1					
		Analysis Time..: 17:42					

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 #...: D6G130174 **Matrix.....:** WATER
Date Sampled...: 07/12/06 11:00 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6G120362-008 **Prep Batch #...:** 6205212									
Mercury									
	0.77	5.00	4.80 N	ug/L	80		SW846 7470A	07/24/06	H87VQ1A8
	0.77	5.00	4.83 N	ug/L	81	0.70	SW846 7470A	07/24/06	H87VQ1A9

Dilution Factor: 1
Analysis Time..: 17:42

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D6G130174 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		Work Order #: H93DA1AA		MB Lot-Sample #: D6G260000-485		
	ND	0.040	mg/L	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1				
		Analysis Time..: 12:00				
Bicarbonate, as CaCO3		Work Order #: H9MQR1AA		MB Lot-Sample #: D6G190000-093		
	ND	5.0	mg/L	MCAWW 310.1	07/18/06	6200093
		Dilution Factor: 1				
		Analysis Time..: 15:00				
Biochemical Oxygen Demand (BOD)		Work Order #: H9TM51AA		MB Lot-Sample #: D6G130000-544		
	ND	2.0	mg/L	MCAWW 405.1	07/13/06	6194544
		Dilution Factor: 1				
		Analysis Time..: 06:45				
Carbonate, as CaCO3		Work Order #: H9MQW1AA		MB Lot-Sample #: D6G190000-095		
	ND	5.0	mg/L	MCAWW 310.1	07/18/06	6200095
		Dilution Factor: 1				
		Analysis Time..: 15:00				
Chemical Oxygen Demand (COD)		Work Order #: H9EX81AA		MB Lot-Sample #: D6G160000-507		
	ND	50	mg/L	MCAWW 410.4	07/17/06	6197507
		Dilution Factor: 1				
		Analysis Time..: 15:00				
Chloride		Work Order #: H9VWR1AA		MB Lot-Sample #: D6G240000-208		
	ND	0.30	mg/L	MCAWW 300.0A	07/20/06	6205208
		Dilution Factor: 1				
		Analysis Time..: 19:21				
Nitrate		Work Order #: H93HC1AA		MB Lot-Sample #: D6G260000-541		
	ND	0.50	mg/L	MCAWW 353.2	07/13/06	6207541
		Dilution Factor: 1				
		Analysis Time..: 14:30				
Sulfate		Work Order #: H9H5M1AA		MB Lot-Sample #: D6G180000-497		
	ND	5.0	mg/L	MCAWW 375.4	07/18/06	6199497
		Dilution Factor: 1				
		Analysis Time..: 08:45				
Total phosphorus		Work Order #: H9W2X1AA		MB Lot-Sample #: D6G240000-623		
	ND	0.050	mg/L	MCAWW 365.3	07/23-07/24/06	6205623
		Dilution Factor: 1				
		Analysis Time..: 23:00				

(Continued on next page)

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D6G130174 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		Work Order #: H9MQL1AA		MB Lot-Sample #: D6G190000-091		
	ND	5.0	mg/L	MCAWW 310.1	07/18/06	6200091
		Dilution Factor: 1				
		Analysis Time..: 15:00				
Total Dissolved Solids		Work Order #: H9VN91AA		MB Lot-Sample #: D6G140000-518		
	ND	10	mg/L	MCAWW 160.1	07/14/06	6195518
		Dilution Factor: 1				
		Analysis Time..: 13:30				
Total Organic Carbon		Work Order #: H9H4C1AA		MB Lot-Sample #: D6G190000-178		
	ND	1.0	mg/L	MCAWW 415.1	07/17/06	6200178
		Dilution Factor: 1				
		Analysis Time..: 16:40				
Total Suspended Solids		Work Order #: H9EPX1AA		MB Lot-Sample #: D6G140000-516		
	ND	4.0	mg/L	MCAWW 160.2	07/14/06	6195516
		Dilution Factor: 1				
		Analysis Time..: 13:00				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D6G130174 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		Work Order #: H93DA1AC	LCS Lot-Sample#: D6G260000-485		
	101	(90 - 110)	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1	Analysis Time..: 12:00		
Biochemical Oxygen Demand (BOD)		Work Order #: H9TM51AC	LCS Lot-Sample#: D6G130000-544		
	100	(85 - 115)	MCAWW 405.1	07/13/06	6194544
		Dilution Factor: 1	Analysis Time..: 06:45		
Chemical Oxygen Demand (COD)		Work Order #: H9EX81AC	LCS Lot-Sample#: D6G160000-507		
	92	(80 - 115)	MCAWW 410.4	07/17/06	6197507
		Dilution Factor: 1	Analysis Time..: 15:00		
Chloride		Work Order #: H9VWR1AC	LCS Lot-Sample#: D6G240000-208		
	102	(90 - 110)	MCAWW 300.0A	07/20/06	6205208
		Dilution Factor: 1	Analysis Time..: 18:49		
Nitrate		Work Order #: H93HC1AC	LCS Lot-Sample#: D6G260000-541		
	101	(86 - 110)	MCAWW 353.2	07/13/06	6207541
		Dilution Factor: 1	Analysis Time..: 14:30		
Sulfate		Work Order #: H9H5M1AC	LCS Lot-Sample#: D6G180000-497		
	100	(91 - 112)	MCAWW 375.4	07/18/06	6199497
		Dilution Factor: 1	Analysis Time..: 08:45		
Total phosphorus		Work Order #: H9W2X1AC	LCS Lot-Sample#: D6G240000-623		
	103	(90 - 110)	MCAWW 365.3	07/23-07/24/06	6205623
		Dilution Factor: 1	Analysis Time..: 23:00		
Total Alkalinity		Work Order #: H9MQL1AC	LCS Lot-Sample#: D6G190000-091		
	100	(90 - 110)	MCAWW 310.1	07/18/06	6200091
		Dilution Factor: 1	Analysis Time..: 15:00		
Total Dissolved Solids		Work Order #: H9VN91AC	LCS Lot-Sample#: D6G140000-518		
	100	(86 - 106)	MCAWW 160.1	07/14/06	6195518
		Dilution Factor: 1	Analysis Time..: 13:30		
Total Organic Carbon		Work Order #: H9H4C1AC	LCS Lot-Sample#: D6G190000-178		
	100	(86 - 114)	MCAWW 415.1	07/17/06	6200178
		Dilution Factor: 1	Analysis Time..: 16:40		

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D6G130174 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids		Work Order #: H9EPX1AC	LCS Lot-Sample#: D6G140000-516		
	98	(86 - 114)	MCAWW 160.2	07/14/06	6195516
		Dilution Factor: 1	Analysis Time..: 13:00		

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D6G130174 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N			Work Order #: H93DA1AC LCS Lot-Sample#: D6G260000-485				
	4.00	4.03	mg/L	101	MCAWW 350.1	07/25/06	6207485
			Dilution Factor: 1		Analysis Time..: 12:00		
Biochemical Oxygen Demand (BOD)			Work Order #: H9TM51AC LCS Lot-Sample#: D6G130000-544				
	198	198	mg/L	100	MCAWW 405.1	07/13/06	6194544
			Dilution Factor: 1		Analysis Time..: 06:45		
Chemical Oxygen Demand (COD)			Work Order #: H9EX81AC LCS Lot-Sample#: D6G160000-507				
	100	92.3	mg/L	92	MCAWW 410.4	07/17/06	6197507
			Dilution Factor: 1		Analysis Time..: 15:00		
Chloride			Work Order #: H9VWR1AC LCS Lot-Sample#: D6G240000-208				
	20.0	20.4	mg/L	102	MCAWW 300.0A	07/20/06	6205208
			Dilution Factor: 1		Analysis Time..: 18:49		
Nitrate			Work Order #: H93HC1AC LCS Lot-Sample#: D6G260000-541				
	0.0500	0.0507	mg/L	101	MCAWW 353.2	07/13/06	6207541
			Dilution Factor: 1		Analysis Time..: 14:30		
Sulfate			Work Order #: H9H5M1AC LCS Lot-Sample#: D6G180000-497				
	25.0	24.9	mg/L	100	MCAWW 375.4	07/18/06	6199497
			Dilution Factor: 1		Analysis Time..: 08:45		
Total phosphorus			Work Order #: H9W2X1AC LCS Lot-Sample#: D6G240000-623				
	0.500	0.516	mg/L	103	MCAWW 365.3	07/23-07/24/06	6205623
			Dilution Factor: 1		Analysis Time..: 23:00		
Total Alkalinity			Work Order #: H9MQL1AC LCS Lot-Sample#: D6G190000-091				
	200	201	mg/L	100	MCAWW 310.1	07/18/06	6200091
			Dilution Factor: 1		Analysis Time..: 15:00		
Total Dissolved Solids			Work Order #: H9VN91AC LCS Lot-Sample#: D6G140000-518				
	500	501	mg/L	100	MCAWW 160.1	07/14/06	6195518
			Dilution Factor: 1		Analysis Time..: 13:30		
Total Organic Carbon			Work Order #: H9H4C1AC LCS Lot-Sample#: D6G190000-178				
	25.0	25.1	mg/L	100	MCAWW 415.1	07/17/06	6200178
			Dilution Factor: 1		Analysis Time..: 16:40		

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D6G130174 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids			Work Order #: H9EPX1AC		LCS Lot-Sample#: D6G140000-516		
	100	98.0	mg/L	98	MCAWW 160.2	07/14/06	6195516
			Dilution Factor: 1		Analysis Time..: 13:00		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D6G130174 **Matrix.....:** WATER
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N		WO#: H850D1EA-MS/H850D1EC-MSD				MS Lot-Sample #: D6G130171-001	
	88	(81 - 114)			MCAWW 350.1	07/25/06	6207485
	93	(81 - 114)	5.5	(0-10)	MCAWW 350.1	07/25/06	6207485
		Dilution Factor: 1					
		Analysis Time..: 12:00					
Chemical Oxygen Demand (COD)		WO#: H83VN1AT-MS/H83VN1AU-MSD				MS Lot-Sample #: D6G120271-001	
	97	(74 - 109)			MCAWW 410.4	07/17/06	6197507
	94	(74 - 109)	3.5	(0-11)	MCAWW 410.4	07/17/06	6197507
		Dilution Factor: 1					
		Analysis Time..: 15:00					
Chloride		WO#: H850D1D6-MS/H850D1D7-MSD				MS Lot-Sample #: D6G130171-001	
	100	(80 - 120)			MCAWW 300.0A	07/20/06	6205208
	105	(80 - 120)	3.3	(0-20)	MCAWW 300.0A	07/20/06	6205208
		Dilution Factor: 1					
		Analysis Time..: 19:53					
Sulfate		WO#: H85821CE-MS/H85821CF-MSD				MS Lot-Sample #: D6G130202-001	
	6.5 N	(45 - 153)			MCAWW 375.4	07/18/06	6199497
	6.9 N	(45 - 153)	1.9	(0-21)	MCAWW 375.4	07/18/06	6199497
		Dilution Factor: 1					
		Analysis Time..: 08:45					
Total phosphorus		WO#: H9EW61AW-MS/H9EW61AX-MSD				MS Lot-Sample #: D6G170229-002	
	99	(71 - 128)			MCAWW 365.3	07/23-07/24/06	6205623
	103	(71 - 128)	4.4	(0-22)	MCAWW 365.3	07/23-07/24/06	6205623
		Dilution Factor: 1					
		Analysis Time..: 23:00					
Total Organic Carbon		WO#: H87K91AV-MS/H87K91AW-MSD				MS Lot-Sample #: D6G130358-002	
	100	(65 - 139)			MCAWW 415.1	07/17/06	6200178
	100	(65 - 139)	0.51	(0-41)	MCAWW 415.1	07/17/06	6200178
		Dilution Factor: 1					
		Analysis Time..: 16:40					

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

General Chemistry

Client Lot #...: D6G130174 **Matrix.....:** WATER
Date Sampled...: 07/12/06 10:30 **Date Received..:** 07/13/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ammonia as N			WO#: H850D1EA-MS/H850D1EC-MSD				MS Lot-Sample #: D6G130171-001		
	0.095	4.00	3.62	mg/L	88		MCAWW 350.1	07/25/06	6207485
	0.095	4.00	3.82	mg/L	93	5.5	MCAWW 350.1	07/25/06	6207485
			Dilution Factor: 1						
			Analysis Time..: 12:00						
Chemical Oxygen Demand (COD)			WO#: H83VN1AT-MS/H83VN1AU-MSD				MS Lot-Sample #: D6G120271-001		
	ND	50.0	48.5	mg/L	97		MCAWW 410.4	07/17/06	6197507
	ND	50.0	46.9	mg/L	94	3.5	MCAWW 410.4	07/17/06	6197507
			Dilution Factor: 1						
			Analysis Time..: 15:00						
Chloride			WO#: H850D1D6-MS/H850D1D7-MSD				MS Lot-Sample #: D6G130171-001		
	13	25.0	37.9	mg/L	100		MCAWW 300.0A	07/20/06	6205208
	13	25.0	39.2	mg/L	105	3.3	MCAWW 300.0A	07/20/06	6205208
			Dilution Factor: 1						
			Analysis Time..: 19:53						
Sulfate			WO#: H85821CE-MS/H85821CF-MSD				MS Lot-Sample #: D6G130202-001		
	ND	25.0	5.12 N	mg/L	6.5		MCAWW 375.4	07/18/06	6199497
	ND	25.0	5.22 N	mg/L	6.9	1.9	MCAWW 375.4	07/18/06	6199497
			Dilution Factor: 1						
			Analysis Time..: 08:45						
Total phosphorus			WO#: H9EW61AW-MS/H9EW61AX-MSD				MS Lot-Sample #: D6G170229-002		
	ND	0.500	0.522	mg/L	99		MCAWW 365.3	07/23-07/24/06	6205623
	ND	0.500	0.545	mg/L	103	4.4	MCAWW 365.3	07/23-07/24/06	6205623
			Dilution Factor: 1						
			Analysis Time..: 23:00						
Total Organic Carbon			WO#: H87K91AV-MS/H87K91AW-MSD				MS Lot-Sample #: D6G130358-002		
	4.2	25.0	29.1	mg/L	100		MCAWW 415.1	07/17/06	6200178
	4.2	25.0	29.3	mg/L	100	0.51	MCAWW 415.1	07/17/06	6200178
			Dilution Factor: 1						
			Analysis Time..: 16:40						

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D6G130174 **Work Order #...:** H824N-SMP H824N-DUP **Matrix.....:** WATER

Date Sampled...: 07/11/06 08:46 **Date Received..:** 07/12/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
SD Lot-Sample #: D6G120203-001								
Biochemical Oxygen Demand (BOD)	ND	ND	mg/L	21	(0-20)	MCAWW 405.1	07/13/06	6194544
			Dilution Factor: 1			Analysis Time..: 07:45		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D6G130174 **Work Order #...:** H84Q5-SMP H84Q5-DUP **Matrix.....:** WATER

Date Sampled...: 07/12/06 08:30 **Date Received..:** 07/12/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)						SD Lot-Sample #: I6G120361-002		
	2700 Q	2800 Q	mg/L	3.3	(0-20)	MCAWW 405.1	07/13/06	6194544
			Dilution Factor: 50			Analysis Time..: 06:45		

NOTE(S):

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

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D6G130174 **Work Order #...:** H8683-SMP H8683-DUP **Matrix.....:** WATER

Date Sampled...: 07/10/06 **Date Received..:** 07/13/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids						SD Lot-Sample #: D6G130311-003		
	63	60	mg/L	4.6	(0-20)	MCAWW 160.2	07/14/06	6195516
			Dilution Factor: 1			Analysis Time..: 13:00		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D6G130174 **Work Order #...:** H8349-SMP H8349-DUP **Matrix.....:** WATER

Date Sampled...: 07/11/06 10:00 **Date Received..:** 07/12/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: D6G120292-003		
	210	200	mg/L	1.5	(0-20)	MCAWW 160.1	07/14/06	6195517
			Dilution Factor: 1			Analysis Time..: 13:30		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D6G130174 **Work Order #...:** H857L-SMP **Matrix.....:** WATER
H857L-DUP

Date Sampled...: 07/12/06 09:55 **Date Received..:** 07/13/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #: D6G130194-006		
	120	120	mg/L	1.1	(0-10)	MCAWW 310.1	07/18/06	6200090

Dilution Factor: 1 Analysis Time..: 15:00

Chain of Custody Record

3.6
7/13/06 BB
Trip 1

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

55

STL-4124 (0901)

Client: WASTE MANAGEMENT	Project Manager: MARK SNYDER	Date:	Chain of Custody Number: 334710
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: Bobby Sarra	
Project Name and Location (State): Piedmont KERNERSVILLE, NC	Carrier/Waybill Number: FED-EX		
Contract/Purchase Order/Quote No.: 134 26744-F			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Leachate	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: TDS	SM3/4AAEnC	TOC	NH3 (350.2)	NO2/NO3	COD	VOA	Metals (tot)	T. Phos.	BOD	TSS	Special Instructions/ Conditions of Receipt
TO1	7/12/06	14:40					X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	leachate list, Addendum
trip blank	6/26/06			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 Hindman	Date: 7/12/06	Time: 1700	1. Received By:	Date: 7/13/06	Time: 0900
2. Relinquished By:	Date:	Time:	2. Received By:	Date:	Time:
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments: Chain covers 1 cooler, Short Hold Times

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: PIEDMONT L.F.

Site No.: 134 Sample Point: T01 (Sample ID)

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

Laboratory Use Only/Lab ID: 06130174-00

PURGE INFO

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

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 D-Bailer
B-Peristaltic Pump E-Piston Pump
C-QED Bladder Pump F-Dipper/Bottle

Sampling Device: F

X-Other:

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

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

WELL DATA

Well Elevation (at TOC) (ft/msl)

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

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

Total Well Depth (from TOC) (ft)

Stick Up (from ground elevation) (ft)

Casing ID (in)

Casing Material

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

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
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

N/A - LEACHATE #T01

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
07 12 06	7.22	5844	37.1	3.58	0.8	-91.6	

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

FIELD COMMENTS

Sample Appearance: Greenish brown Odor: strong Color: Greenish brown Other: —

Weather Conditions (required daily, or as conditions change): Direction/Speed: Calm Outlook: Sunny, 80's Precipitation: Y or (N)

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

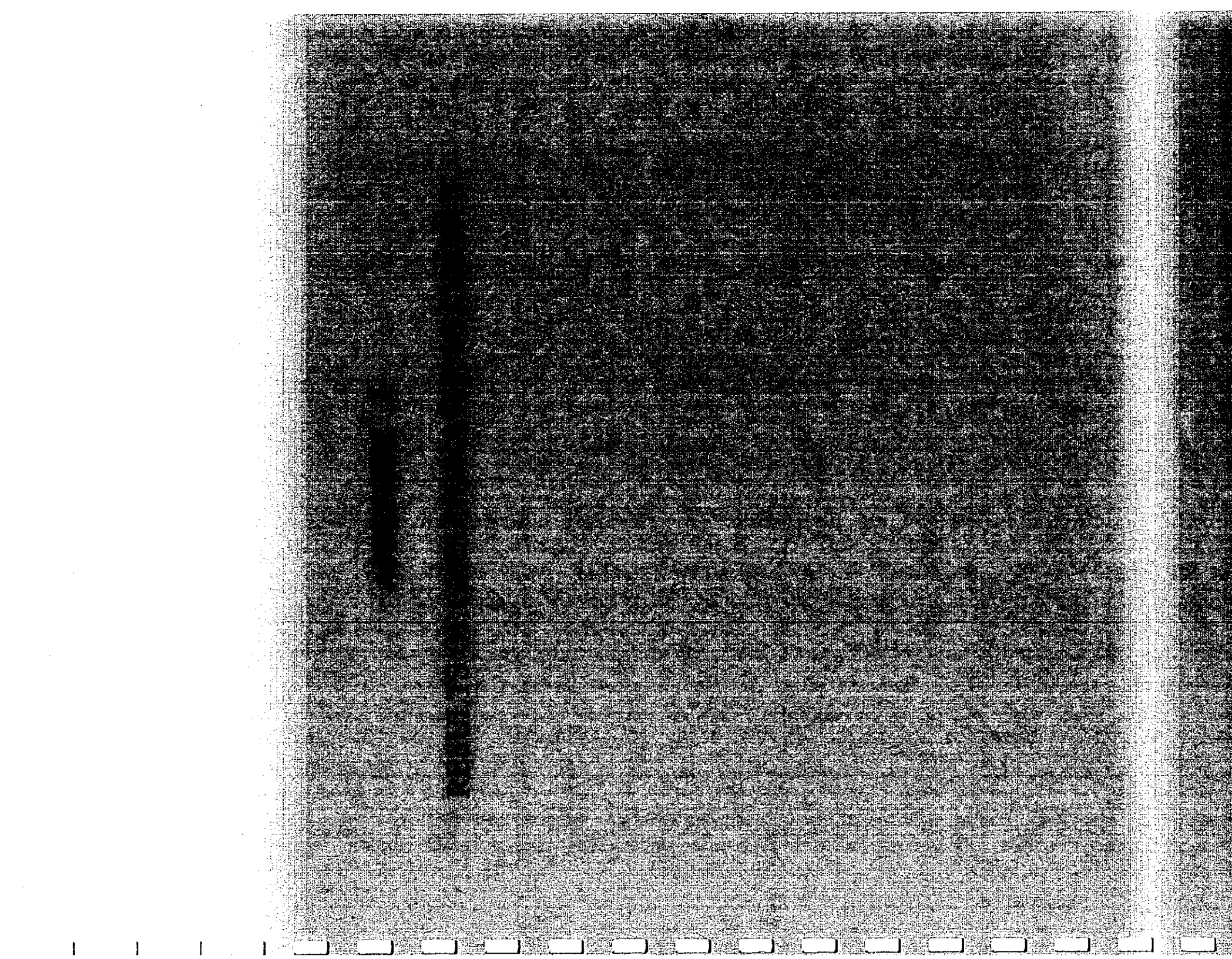
SAMPLED FROM LEACHATE STORAGE TANKS

SAMPLE TIME: 14:40

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
7.12.06	Matt Osborne		JEI
7.12.06	Dan Girdner	Daniel Girdner	JEI

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



Results of the Ground Water Statistics for

Piedmont Landfill

Second Semi-Annual Monitoring Event in 2006

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Introduction

This report contains the results of the statistical analysis used to evaluate the ground water data obtained during the second semi-annual monitoring event in 2006 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 July 10-12, 2006 and analyzed for the trace metals and volatile organic compounds (VOCs) listed below.

Trace Metals

Antimony, Total	Chromium, Total	Selenium, Total
Arsenic, Total	Cobalt, Total	Silver, Total
Barium, Total	Copper, Total	Thallium, Total
Beryllium, Total	Lead, Total	Vanadium, Total
Cadmium, Total	Nickel, Total	Zinc, Total

Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	Acetone	Dibromomethane
1,1,1-Trichloroethane	Acrylonitrile	Ethylbenzene
1,1,2,2-Tetrachloroethane	Benzene	Iodomethane
1,1,2-Trichloroethane	Bromochloromethane	Methylene chloride
1,1-Dichloroethane	Bromodichloromethane	Styrene
1,1-Dichloroethene	Bromoform	Tetrachloroethene
1,2,3-Trichloropropane	Bromomethane	Toluene
1,2-Dibromo-3-chloropropane	Carbon disulfide	*trans*-1,2-Dichloroethene
1,2-Dibromoethane	Carbon tetrachloride	*trans*-1,3-Dichloropropene
1,2-Dichlorobenzene	Chlorobenzene	*trans*-1,4-Dichloro-2-butene
1,2-Dichloroethane	Chloroethane	Trichloroethene
1,2-Dichloropropane	Chloroform	Trichlorofluoromethane
1,4-Dichlorobenzene	Chloromethane	Vinyl acetate
2-Butanone; Methyl ethyl ketone	*cis*-1,2-Dichloroethene	Vinyl chloride
2-Hexanone	*cis*-1,3-Dichloropropene	Xylenes (Total)
4-Methyl-2-pentanone	Dibromochloromethane	

The trace metals data were compared to historical background data using intrawell statistics. The statistical method used to evaluate the ground water data was prepared by Dr. Robert Gibbons in accordance with the EPA statistical guidance document (*"Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Addendum to Interim Final Guidance"*, July 1992) and ASTM standard D6312-98 (*"Standard Guide for Developing Appropriate Statistical Approaches for Ground-Water Detection Monitoring Programs"*). The organic constituents were compared to maximum contaminant levels (MCLs) or practical quantitation limits (PQLs), in lieu of statistical comparisons to background concentrations.

Intrawell Comparisons

Intrawell comparisons are used to evaluate the ground water data at Piedmont Landfill in accordance with the site's statistical analysis plan. Intrawell statistics are appropriate for facilities where the

upgradient wells do not accurately characterize the natural ground water conditions downgradient from the facility, due to different hydrogeological conditions where the wells are screened, having too few upgradient wells to account for the spatial variability, or the site exhibiting no definable hydraulic gradient. Intrawell statistics compare new measurements to the historical data at each ground water monitoring well independently.

The most useful technique for intrawell comparisons is the combined Shewhart-CUSUM control chart using the DUMPStat® program. This control chart procedure is useful because it will detect releases both in terms of the constituent concentration and cumulative increases. This method is also extremely sensitive to sudden and gradual releases. A requirement for constructing these control charts is that the parameter is detected at a frequency greater than or equal to 25%, otherwise the data variance is not properly defined.

The database is screened for outliers using the Dixon test. An erroneous data point, if not removed prior to the mean and variance computations would yield a larger control limit thus increasing the false negative rate. Anomalous data will still be plotted on the graphs but will not be included in the calculations. The background data is tested for existing trends using Sen's slope test. If contamination exists prior to completing the background, the control limits could be potentially high and this control chart method would not be able to detect an increasing trend unless the increase is severe.

The combined Shewhart-CUSUM control chart assumes that the data are independent and normally distributed with a fixed mean and a constant variance.

Many ground water monitoring parameters are not detected at a frequency great enough to generate the combined Shewhart-CUSUM control charts. For constituents that are detected less than 25% of the time monitored at a particular well, the data is plotted as a time series until a sufficient number of data points are available to provide a 99% confidence nonparametric prediction limit. The nonparametric prediction limit is the largest determination out of the data set collected for that well and parameter.

Results

The ground water data obtained during the second semi-annual monitoring event in 2006 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.

A previous initial control limit exceedance for lead at MW12 was not verified by the current data, thus, the prior exceedance is not statistically significant.

The site-wide false positive rate is 3% and the test becomes sensitive to 4 standard deviation units over background. Due to the large number of statistical comparisons, modification to the statistical default settings in DUMPStat® were implemented to achieve the site-wide false positive rate standards recommended by EPA (EPA, July 1992, 5.0, Strategies for Multiple Comparisons).

The only VOCs detected in the ground water during the July 2006 monitoring event were 1,1-dichloroethane (11 µg/L) at MW09R and *cis*-1,2-dichloroethene (6.5 µg/L) at MW09R. These are verified detections of 1,1-dichloroethane and *cis*-1,2-dichloroethene since both had been detected at MW09R during prior monitoring events at similar concentrations (Attachment C).

In 1996, VOCs were detected and confirmed in monitoring well MW09. Waste Management then attributed the VOCs to landfill gas. These findings were reported and WM implemented assessment monitoring. Monitoring well MW09 was replaced by MW09R in November 1999. Replacement well MW09R was screened below the water table. A second investigation confirmed that landfill gas was the source of the impacts to groundwater. Well MW09R has been analyzed for over 200 Appendix II compounds (VOCs, semi volatiles, pesticides, herbicides, metals, and PCBs), with no other detections having been found since assessment monitoring began in 1997. Currently, WM continues to closely track and monitor groundwater conditions at Piedmont Landfill.

Attachment A

Summary of the Ground Water Data obtained during the Second Semi-Annual Monitoring Event in 2006

Table 1

Analytical Data Summary for 7/10/2006 to 7/12/2006

Constituents	Units	MW01	MW02	MW03	MW04	MW04D	MW05	MW06
0,0,0-triethylphosphorothioate	UG/L							
1,1,1,2-tetrachloroethane	UG/L	<5.0000	<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	<5.0000
1,1,2,2-tetrachloroethane	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,1,2-trichloroethane	UG/L	<5.0000	<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	<5.0000
1,1-dichloroethene	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,1-dichloropropene	UG/L							
1,2,3-trichloropropane	UG/L	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000
1,2,4,5-tetrachlorobenzene	UG/L							
1,2,4-trichlorobenzene	UG/L							
1,2-dibromo-3-chloropropane (dbcp)	UG/L	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000
1,2-dibromoethane (edb)	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,2-dichlorobenzene	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,2-dichloroethane	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,2-dichloropropane	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,3-dichlorobenzene	UG/L							
1,3-dichloropropane	UG/L							
1,4-dichlorobenzene	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,4-naphthoquinone	UG/L							
1-naphthylamine	UG/L							
2,2'-oxybis(1-chloropropane)	UG/L							
2,2-dichloropropane	UG/L							
2,3,4,6-tetrachlorophenol	UG/L							
2,4,5-t	UG/L							
2,4,5-tp (silvex)	UG/L							
2,4,5-trichlorophenol	UG/L							
2,4,6-trichlorophenol	UG/L							
2,4-d	UG/L							
2,4-dichlorophenol	UG/L							
2,4-dimethylphenol	UG/L							
2,4-dinitrophenol	UG/L							
2,4-dinitrotoluene	UG/L							
2,6-dichlorophenol	UG/L							
2,6-dinitrotoluene	UG/L							
2-acetylaminofluorene	UG/L							
2-chloronaphthalene	UG/L							
2-chlorophenol	UG/L							
2-hexanone	UG/L	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000
2-methylnaphthalene	UG/L							
2-naphthylamine	UG/L							
2-nitroaniline	UG/L							
2-nitrophenol	UG/L							
3,3'-dichlorobenzidine	UG/L							
3,3'-dimethylbenzidine	UG/L							
3-chloropropene	UG/L							
3-methylcholanthrene	UG/L							
3-nitroaniline	UG/L							
4,4'-ddd	UG/L							
4,4'-dde	UG/L							
4,4'-ddt	UG/L							
4-aminobiphenyl	UG/L							
4-bromophenyl phenyl ether	UG/L							
4-chloroaniline	UG/L							
4-chlorophenyl phenyl ether	UG/L							
4-nitroaniline	UG/L							
4-nitrophenol	UG/L							
5-nitro-o-toluidine	UG/L							
7,12-dimethylbenz(a)anthracene	UG/L							
Acenaphthene	UG/L							
Acenaphthylene	UG/L							
Acetone	UG/L	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Acetonitrile	UG/L							
Acetophenone	UG/L							
Acrolein	UG/L							
Acrylonitrile	UG/L	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000
Aldrin	UG/L							
Alkalinity, bicarbonate (as caco3)	MG/L							
Alkalinity, carbonate (as caco3)	MG/L							
Alkalinity, total (as caco3)	MG/L	34.0000	54.0000	52.0000	35.0000	35.0000	140.0000	11.0000
Alpha-bhc	UG/L							
Ammonia	MG/L	<.0400	<.0400	<.0400	<.0400	<.0400		<.0400
Anthracene	UG/L							
Antimony, total	UG/L	<30.0000	<30.0000	<30.0000	<30.0000	<30.0000	<30.0000	<30.0000
Aroclor 1016	UG/L							
Aroclor 1221	UG/L							

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 7/10/2006 to 7/12/2006

Constituents	MW07	MW08	MW09R	MW10	MW11	MW11D	MW12	MW12D
0,0,0-triethylphosphorothioate			<10.0000					
1,1,1,2-tetrachloroethane	<5.0000	<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	<5.0000
1,1,2,2-tetrachloroethane	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,1,2-trichloroethane	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,1-dichloroethane	<5.0000	<5.0000	11.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,1-dichloroethene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,1-dichloropropene			<5.0000					
1,2,3-trichloropropane	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000	<15.0000
1,2,4,5-tetrachlorobenzene			<10.0000					
1,2,4-trichlorobenzene			<10.0000					
1,2-dibromo-3-chloropropane (dbcp)	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000	<25.0000
1,2-dibromoethane (edb)	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,2-dichlorobenzene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,2-dichloroethane	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,2-dichloropropane	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,3-dichlorobenzene			<10.0000					
1,3-dichloropropane			<5.0000					
1,4-dichlorobenzene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
1,4-naphthoquinone			<10.0000					
1-naphthylamine			<10.0000					
2,2'-oxybis(1-chloropropane)			<10.0000					
2,2-dichloropropane			<15.0000					
2,3,4,6-tetrachlorophenol			<10.0000					
2,4,5-t			<2.0000					
2,4,5-tp (silvex)			<2.0000					
2,4,5-trichlorophenol			<10.0000					
2,4,6-trichlorophenol			<10.0000					
2,4-d			<2.0000					
2,4-dichlorophenol			<10.0000					
2,4-dimethylphenol			<10.0000					
2,4-dinitrophenol			<50.0000					
2,4-dinitrotoluene			<10.0000					
2,6-dichlorophenol			<10.0000					
2,6-dinitrotoluene			<10.0000					
2-acetylaminofluorene			<20.0000					
2-chloronaphthalene			<10.0000					
2-chlorophenol			<10.0000					
2-hexanone	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000
2-methylnaphthalene			<10.0000					
2-naphthylamine			<10.0000					
2-nitroaniline			<50.0000					
2-nitrophenol			<10.0000					
3,3'-dichlorobenzidine			<20.0000					
3,3'-dimethylbenzidine			<15.0000					
3-chloropropene			<10.0000					
3-methylcholanthrene			<10.0000					
3-nitroaniline			<50.0000					
4,4'-ddd			<.1000					
4,4'-dde			<.1000					
4,4'-ddt			<.1000					
4-aminobiphenyl			<20.0000					
4-bromophenyl phenyl ether			<10.0000					
4-chloroaniline			<20.0000					
4-chlorophenyl phenyl ether			<10.0000					
4-nitroaniline			<20.0000					
4-nitrophenol			<20.0000					
5-nitro-o-toluidine			<10.0000					
7,12-dimethylbenz(a)anthracene			<10.0000					
Acenaphthene			<10.0000					
Acenaphthylene			<10.0000					
Acetone	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Acetonitrile			<100.0000					
Acetophenone			<10.0000					
Acrolein			<100.0000					
Acrylonitrile	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000
Aldrin			<.0500					
Alkalinity, bicarbonate (as caco3)			280.0000					
Alkalinity, carbonate (as caco3)			<5.0000					
Alkalinity, total (as caco3)	41.0000	27.0000	280.0000	59.0000	79.0000	39.0000	43.0000	76.0000
Alpha-bhc			<.0500					
Ammonia	<.0400	<.0400	.0950	<.0400	<.0400	<.0400	<.0400	<.0400
Anthracene			<10.0000					
Antimony, total	<30.0000	<30.0000	<30.0000	<30.0000	<30.0000	<30.0000	<30.0000	<30.0000
Aroclor 1016			<2.0000					
Aroclor 1221			<2.0000					

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 7/10/2006 to 7/12/2006

Constituents	Units	MW01	MW02	MW03	MW04	MW04D	MW05	MW06
Aroclor 1232	UG/L							
Aroclor 1242	UG/L							
Aroclor 1248	UG/L							
Aroclor 1254	UG/L							
Aroclor 1260	UG/L							
Arsenic, total	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Barium, total	UG/L	<500.0000	<500.0000	<500.0000	<500.0000	<500.0000	<500.0000	<500.0000
Benzene	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Benzo(a)anthracene	UG/L							
Benzo(a)pyrene	UG/L							
Benzo(b)fluoranthene	UG/L							
Benzo(ghi)perylene	UG/L							
Benzo(k)fluoranthene	UG/L							
Benzyl alcohol	UG/L							
Beryllium, total	UG/L	<2.0000	<2.0000	<2.0000	<2.0000	<2.0000	<2.0000	<2.0000
Beta-bhc	UG/L							
Bis(2-chloroethoxy) methane	UG/L							
Bis(2-chloroethyl) ether	UG/L							
Bis(2-ethylhexyl) phthalate	UG/L							
Bromochloromethane	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Bromoform	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Bromomethane	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Butyl benzyl phthalate	UG/L							
Cadmium, total	UG/L	<1.0000	<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	<100.0000
Carbon tetrachloride	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Chlordane	UG/L							
Chloride	MG/L	2.7000	4.9000	6.5000	3.7000	2.3000	6.0000	2.2000
Chlorobenzene	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Chlorobenzilate	UG/L							
Chloroethane	UG/L	<10.0000	<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	<5.0000
Chloromethane	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Chloroprene	UG/L							
Chromium, total	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Chrysene	UG/L							
Cis-1,2-dichloroethene	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Cis-1,3-dichloropropene	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Cobalt, total	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Copper, total	UG/L	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000
Cresol, 4,6-dinitro-o-	UG/L							
Cresol, o-	UG/L							
Cresol, p-chloro-m-	UG/L							
Cyanide, total	MG/L							
Delta-bhc	UG/L							
Di-n-butyl phthalate	UG/L							
Di-n-octyl phthalate	UG/L							
Diallate	UG/L							
Dibenz[a,h]anthracene	UG/L							
Dibenzofuran	UG/L							
Dibromochloromethane	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Dibromomethane	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Dichlorobromomethane	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Dichlorodifluoromethane	UG/L							
Dieldrin	UG/L							
Diethyl phthalate	UG/L							
Dimethoate	UG/L							
Dimethyl phthalate	UG/L							
Dinoseb	UG/L							
Diphenylamine	UG/L							
Disulfoton	UG/L							
Do (field)	MG/L	4.4000	2.6000	4.6000	1.8000	5.3000	1.6000	5.4000
Eh/orp (field)	mV	112.5000	6.1000	11.0000	68.4000	27.4000	5.0000	98.9000
Endosulfan i	UG/L							
Endosulfan ii	UG/L							
Endosulfan sulfate	UG/L							
Endrin	UG/L							
Endrin aldehyde	UG/L							
Ethyl methacrylate	UG/L							
Ethyl methane sulfonate	UG/L							
Ethylbenzene	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Famphur	UG/L							
Fluoranthene	UG/L							
Fluorene	UG/L							
Gamma-bhc (lindane)	UG/L							

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 7/10/2006 to 7/12/2006

Constituents	MW07	MW08	MW09R	MW10	MW11	MW11D	MW12	MW12D
Aroclor 1232			<2.0000					
Aroclor 1242			<2.0000					
Aroclor 1248			<2.0000					
Aroclor 1254			<2.0000					
Aroclor 1260			<2.0000					
Arsenic, total	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Barium, total	<500.0000	<500.0000	<500.0000	<500.0000	<500.0000	<500.0000	<500.0000	<500.0000
Benzene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Benzo(a)anthracene			<10.0000					
Benzo(a)pyrene			<10.0000					
Benzo(b)fluoranthene			<10.0000					
Benzo(ghi)perylene			<10.0000					
Benzo(k)fluoranthene			<10.0000					
Benzyl alcohol			<20.0000					
Beryllium, total	<2.0000	<2.0000	<2.0000	<2.0000	<2.0000	<2.0000	<2.0000	<2.0000
Beta-bhc			<.0500					
Bis(2-chloroethoxy) methane			<10.0000					
Bis(2-chloroethyl) ether			<10.0000					
Bis(2-ethylhexyl) phthalate			<20.0000					
Bromochloromethane	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Bromoform	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Bromomethane	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Butyl benzyl phthalate			<10.0000					
Cadmium, total	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000	<1.0000
Calcium, total recoverable			67.0000					
Carbon disulfide	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Carbon tetrachloride	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Chlordane			<.5000					
Chloride	6.8000	9.9000	13.0000	3.6000	2.8000	1.3000	2.1000	1.3000
Chlorobenzene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Chlorobenzilate			<10.0000					
Chloroethane	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Chloroform	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Chloromethane	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Chloroprene			<5.0000					
Chromium, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Chrysene			<10.0000					
Cis-1,2-dichloroethene	<5.0000	<5.0000	6.5000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Cis-1,3-dichloropropene	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Cobalt, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Copper, total	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000	<200.0000
Cresol, 4,6-dinitro-o-			<50.0000					
Cresol, o-			<10.0000					
Cresol, p-chloro-m-			<20.0000					
Cyanide, total			<.0500					
Delta-bhc			<.0500					
Di-n-butyl phthalate			<10.0000					
Di-n-octyl phthalate			<10.0000					
Diallate			<10.0000					
Dibenz[a,h]anthracene			<10.0000					
Dibenzofuran			<10.0000					
Dibromochloromethane	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Dibromomethane	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Dichlorobromomethane	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Dichlorodifluoromethane			<5.0000					
Dieldrin			<.1000					
Diethyl phthalate			<10.0000					
Dimethoate			<20.0000					
Dimethyl phthalate			<10.0000					
Dinoseb			<1.0000					
Diphenylamine			<10.0000					
Disulfoton			<10.0000					
Do (field)	4.1000	1.7000	1.9000	4.1000	2.2000	6.3000	3.5000	2.0000
Eh/orp (field)	5.8000	24.1000	92.7000	16.6000	14.4000	15.5000	26.9000	8.9000
Endosulfan i			<.1000					
Endosulfan ii			<.1000					
Endosulfan sulfate			<.1000					
Endrin			<.1000					
Endrin aldehyde			<.1000					
Ethyl methacrylate			<10.0000					
Ethyl methane sulfonate			<20.0000					
Ethylbenzene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Famphur			<30.0000					
Fluoranthene			<10.0000					
Fluorene			<10.0000					
Gamma-bhc (lindane)			<.0500					

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 7/10/2006 to 7/12/2006

Constituents	Units	MW01	MW02	MW03	MW04	MW04D	MW05	MW06
Heptachlor	UG/L							
Heptachlor epoxide	UG/L							
Hexachlorobenzene	UG/L							
Hexachlorobutadiene	UG/L							
Hexachlorocyclopentadiene	UG/L							
Hexachloroethane	UG/L							
Hexachloropropene	UG/L							
Indeno(1,2,3-cd)pyrene	UG/L							
Iodomethane	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Iron, total recoverable	UG/L							
Isobutanol	UG/L							
Isodrin	UG/L							
Isophorone	UG/L							
Isosafrole	UG/L							
Kepone	UG/L							
Lead, total	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
M-dinitrobenzene	UG/L							
Magnesium, total recoverable	MG/L							
Manganese, total recoverable	UG/L							
Mercury, total	UG/L							
Meta + para-cresol	UG/L							
Methacrylonitrile	UG/L							
Methapyrilene	UG/L							
Methoxychlor	UG/L							
Methyl ethyl ketone	UG/L	<100.0000	<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	<100.0000
Methyl methacrylate	UG/L							
Methyl methanesulfonate	UG/L							
Methyl parathion	UG/L							
Methylene chloride	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
N-nitroso-di-n-propylamine	UG/L							
N-nitrosodi-n-butylamine	UG/L							
N-nitrosodiethylamine	UG/L							
N-nitrosodimethylamine	UG/L							
N-nitrosodiphenylamine	UG/L							
N-nitrosomethylethylamine	UG/L							
N-nitrosopiperidine	UG/L							
N-nitrosopyrrolidine	UG/L							
Naphthalene	UG/L							
Nickel, total	UG/L	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000
Nitrobenzene	UG/L							
Nitrogen, nitrate	MG/L							
O-toluidine	UG/L							
P-dimethylaminoazobenzene	UG/L							
P-phenylenediamine	UG/L							
Parathion	UG/L							
Pentachlorobenzene	UG/L							
Pentachloronitrobenzene	UG/L							
Pentachlorophenol	UG/L							
pH FIELD	PH UNITS	5.1000	5.6800	5.9400	5.3200	5.9800	6.0700	4.7700
Phenacetin	UG/L							
Phenanthrene	UG/L							
Phenol	UG/L							
Phorate	UG/L							
Potassium, total	MG/L							
Pronamide	UG/L							
Propionitrile	UG/L							
Pyrene	UG/L							
Safrole	UG/L							
Selenium, total	UG/L	<20.0000	<20.0000	<20.0000	<20.0000	<20.0000	<20.0000	<20.0000
Silver, total	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Sodium, total	MG/L							
Specific conductance field	UMHOS/CM	84.0000	106.0000	138.0000	73.0000	74.0000	250.0000	31.0000
Styrene	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Sulfate	MG/L							
Sulfide	MG/L							
Sym-trinitrobenzene	UG/L							
Tetrachloroethene	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Thallium, total	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Thionazin	UG/L							
Tin, total recoverable	UG/L							
Toluene	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Total dissolved solids	MG/L	72.0000	100.0000	130.0000	81.0000	110.0000	200.0000	38.0000
Total organic carbon	MG/L							
Total xylenes	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Toxaphene	UG/L							

* - The displayed value is the arithmetic mean of multiple database matches.

Prepared by: Otter Creek Environmental

Table 1

Analytical Data Summary for 7/10/2006 to 7/12/2006

Constituents	MW07	MW08	MW09R	MW10	MW11	MW11D	MW12	MW12D
Heptachlor			<.0500					
Heptachlor epoxide			<.1000					
Hexachlorobenzene			<10.0000					
Hexachlorobutadiene			<10.0000					
Hexachlorocyclopentadiene			<10.0000					
Hexachloroethane			<10.0000					
Hexachloropropene			<10.0000					
Indeno(1,2,3-cd)pyrene			<10.0000					
Iodomethane	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Iron, total recoverable			2100.0000					
Isobutanol			<50.0000					
Isodrin			<20.0000					
Isophorone			<10.0000					
Isosafrole			<10.0000					
Kepone			<20.0000					
Lead, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
M-dinitrobenzene			<20.0000					
Magnesium, total recoverable			25.0000					
Manganese, total recoverable			2300.0000					
Mercury, total			<.5000					
Meta + para-cresol			<10.0000					
Methacrylonitrile			<100.0000					
Methapyrilene			<100.0000					
Methoxychlor			<1.0000					
Methyl ethyl ketone	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Methyl isobutyl ketone	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Methyl methacrylate			<30.0000					
Methyl methanesulfonate			<10.0000					
Methyl parathion			<10.0000					
Methylene chloride	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
N-nitroso-di-n-propylamine			<10.0000					
N-nitrosodi-n-butylamine			<10.0000					
N-nitrosodiethylamine			<20.0000					
N-nitrosodimethylamine			<10.0000					
N-nitrosodiphenylamine			<10.0000					
N-nitrosomethylethylamine			<10.0000					
N-nitrosopiperidine			<20.0000					
N-nitrosopyrrolidine			<40.0000					
Naphthalene			<10.0000					
Nickel, total	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000
Nitrobenzene			<10.0000					
Nitrogen, nitrate			<.5000					
O-toluidine			<10.0000					
P-dimethylaminoazobenzene			<10.0000					
P-phenylenediamine			<40.0000					
Parathion			<10.0000					
Pentachlorobenzene			<10.0000					
Pentachloronitrobenzene			<20.0000					
Pentachlorophenol			<50.0000					
pH FIELD	5.9100	5.3100	6.1800	5.9600	5.8000	6.2600	6.6000	6.8500
Phenacetin			<20.0000					
Phenanthrene			<10.0000					
Phenol			<10.0000					
Phorate			<10.0000					
Potassium, total			<3.0000					
Pronamide			<10.0000					
Propionitrile			<150.0000					
Pyrene			<10.0000					
Safrole			<10.0000					
Selenium, total	<20.0000	<20.0000	<20.0000	<20.0000	<20.0000	<20.0000	<20.0000	<20.0000
Silver, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Sodium, total			20.0000					
Specific conductance field	137.0000	124.0000	520.0000	122.0000	145.0000	82.0000	84.0000	207.0000
Styrene	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Sulfate			<5.0000					
Sulfide			<1.0000					
Sym-trinitrobenzene			<10.0000					
Tetrachloroethene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Thallium, total	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Thionazin			<20.0000					
Tin, total recoverable			<100.0000					
Toluene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Total dissolved solids	94.0000	84.0000	360.0000	100.0000	110.0000	85.0000	100.0000	140.0000
Total organic carbon			<1.0000					
Total xylenes	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Toxaphene			<2.0000					

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 7/10/2006 to 7/12/2006

Constituents	Units	MW01	MW02	MW03	MW04	MW04D	MW05	MW06
Trans-1,2-dichloroethene	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Trans-1,3-dichloropropene	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Trans-1,4-dichloro-2-butene	UG/L	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Trichloroethene	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Trichlorofluoromethane	UG/L	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Turbidity	NTU	2.7000	.5000	1.6000	1.0000	116.0000	4.5000	6.1000
Vanadium, total	UG/L	<40.0000	<40.0000	<40.0000	<40.0000	<40.0000	<40.0000	<40.0000
Vinyl acetate	UG/L	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000
Vinyl chloride	UG/L	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Water temperature in deg. celsius field	DEGREES C	16.0000	17.3000	17.7000	17.2000	18.3000	16.5000	15.5000
Zinc, total	UG/L	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for 7/10/2006 to 7/12/2006

Constituents	MW07	MW08	MW09R	MW10	MW11	MW11D	MW12	MW12D
Trans-1,2-dichloroethene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Trans-1,3-dichloropropene	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Trans-1,4-dichloro-2-butene	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000	<100.0000
Trichloroethene	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Trichlorofluoromethane	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000	<5.0000
Turbidity	2.3000	16.2000	1.0000	1.4000	1.1000	11.1000	64.6000	5.4000
Vanadium, total	<40.0000	<40.0000	<40.0000	<40.0000	<40.0000	<40.0000	<40.0000	<40.0000
Vinyl acetate	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000
Vinyl chloride	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000	<10.0000
Water temperature in deg. celsius field	19.6000	16.5000	17.4000	19.9000	19.8000	21.1000	15.8000	17.1000
Zinc, total	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000	<50.0000

* - 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	MW01	26					81.8000**
Antimony, total	UG/L	MW02	25					52.8000**
Antimony, total	UG/L	MW03	25					30.0000**
Antimony, total	UG/L	MW04	25					85.8000**
Antimony, total	UG/L	MW04D	20					30.0000**
Antimony, total	UG/L	MW05	25					88.9000**
Antimony, total	UG/L	MW06	25					94.9000**
Antimony, total	UG/L	MW07	21					30.0000**
Antimony, total	UG/L	MW08	22					30.0000**
Antimony, total	UG/L	MW09R	20					30.0000**
Antimony, total	UG/L	MW10	20					30.0000**
Antimony, total	UG/L	MW11	20					30.0000**
Antimony, total	UG/L	MW11D	20					30.0000**
Antimony, total	UG/L	MW12	20					30.0000**
Antimony, total	UG/L	MW12D	20					30.0000**
Arsenic, total	UG/L	MW01	31					10.0000**
Arsenic, total	UG/L	MW02	30					10.1000**
Arsenic, total	UG/L	MW03	30					10.0000**
Arsenic, total	UG/L	MW04	30					10.0000**
Arsenic, total	UG/L	MW04D	20					10.0000**
Arsenic, total	UG/L	MW05	30					11.9000**
Arsenic, total	UG/L	MW06	22					10.0000**
Arsenic, total	UG/L	MW07	21					10.6000**
Arsenic, total	UG/L	MW08	22	8.6273	3.0446	8.6273	8.6273	23.8504
Arsenic, total	UG/L	MW09R	20					10.0000**
Arsenic, total	UG/L	MW10	20					10.0000**
Arsenic, total	UG/L	MW11	20					10.0000**
Arsenic, total	UG/L	MW11D	20					10.0000**
Arsenic, total	UG/L	MW12	20					10.0000**
Arsenic, total	UG/L	MW12D	20	8.1200	3.5134	8.1200	8.1200	25.6869
Barium, total	UG/L	MW01	31	215.5516	214.9981	215.5516	215.5516	1290.5421
Barium, total	UG/L	MW02	30	182.7833	228.1893	182.7833	182.7833	1323.7296
Barium, total	UG/L	MW03	30	174.7767	233.9172	174.7767	174.7767	1344.3627
Barium, total	UG/L	MW04	30	186.7433	225.3021	186.7433	186.7433	1313.2538
Barium, total	UG/L	MW04D	20	296.3000	217.8815	296.3000	296.3000	1385.7074
Barium, total	UG/L	MW05	30	177.8300	231.7097	177.8300	177.8300	1336.3783
Barium, total	UG/L	MW06	22	248.0545	235.4961	248.0545	248.0545	1425.5351
Barium, total	UG/L	MW07	21	242.9190	251.2059	242.9190	242.9190	1498.9487
Barium, total	UG/L	MW08	21	299.5667	201.0035	299.5667	299.5667	1304.5844
Barium, total	UG/L	MW09R	20	289.2200	239.7893	289.2200	289.2200	1488.1666
Barium, total	UG/L	MW10	20	255.7050	250.6888	255.7050	255.7050	1509.1491
Barium, total	UG/L	MW11	20	294.0350	233.9144	294.0350	294.0350	1463.6069
Barium, total	UG/L	MW11D	20	328.5500	199.6097	328.5500	328.5500	1326.5986
Barium, total	UG/L	MW12	20	263.3300	243.3353	263.3300	263.3300	1480.0067
Barium, total	UG/L	MW12D	21	319.9905	207.0330	319.9905	319.9905	1355.1556
Beryllium, total	UG/L	MW01	23					2.0000**
Beryllium, total	UG/L	MW02	22					2.0000**
Beryllium, total	UG/L	MW03	22					2.0000**
Beryllium, total	UG/L	MW04	22					2.0000**
Beryllium, total	UG/L	MW04D	18					2.0000**
Beryllium, total	UG/L	MW05	22					2.0000**
Beryllium, total	UG/L	MW06	22					2.6000**
Beryllium, total	UG/L	MW07	21					2.0000**
Beryllium, total	UG/L	MW08	21					2.0000**
Beryllium, total	UG/L	MW09R	20					2.0000**
Beryllium, total	UG/L	MW10	20					2.0000**
Beryllium, total	UG/L	MW11	20					2.0000**
Beryllium, total	UG/L	MW11D	20	1.7000	0.6366	1.7000	1.7000	4.8830
Beryllium, total	UG/L	MW12	20					2.0000**
Beryllium, total	UG/L	MW12D	20	1.9150	0.4475	1.9150	1.9150	4.1527
Cadmium, total	UG/L	MW01	34					2.0000**
Cadmium, total	UG/L	MW02	33					2.1000**
Cadmium, total	UG/L	MW03	33					2.3000**
Cadmium, total	UG/L	MW04	33					1.8000**
Cadmium, total	UG/L	MW04D	20	1.0235	0.3111	1.0235	1.0235	2.5791
Cadmium, total	UG/L	MW05	33					1.0000**
Cadmium, total	UG/L	MW06	25					1.0000**
Cadmium, total	UG/L	MW07	21					1.0000**
Cadmium, total	UG/L	MW08	22					1.3000**
Cadmium, total	UG/L	MW09R	20					1.0000**
Cadmium, total	UG/L	MW10	20					1.0000**
Cadmium, total	UG/L	MW11	20					1.0000**
Cadmium, total	UG/L	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	MW12	20					1.0000**
Cadmium, total	UG/L	MW12D	20					1.0000**
Chromium, total	UG/L	MW01	31					10.0000**
Chromium, total	UG/L	MW02	30					10.0000**
Chromium, total	UG/L	MW03	30	8.4100	2.2594	9.3054	8.4100	19.7072
Chromium, total	UG/L	MW04	30					10.0000**
Chromium, total	UG/L	MW04D	20	9.0950	3.8035	9.0950	9.0950	28.1126
Chromium, total	UG/L	MW05	30	8.3400	2.4960	8.3400	8.3400	20.8201
Chromium, total	UG/L	MW06	22					10.0000**
Chromium, total	UG/L	MW07	21	7.2143	3.6356	7.2143	7.2143	25.3921
Chromium, total	UG/L	MW08	19					11.5000**
Chromium, total	UG/L	MW09R	18					14.7000**
Chromium, total	UG/L	MW10	22	9.1955	4.7876	9.1955	9.1955	33.1336
Chromium, total	UG/L	MW11	20					10.0000**
Chromium, total	UG/L	MW11D	22	15.0500	13.6724	15.0500	15.0500	83.4119
Chromium, total	UG/L	MW12	20					10.7000**
Chromium, total	UG/L	MW12D	21	54.5952	80.1433	54.5952	54.5952	455.3115
Cobalt, total	UG/L	MW01	23					10.0000**
Cobalt, total	UG/L	MW02	22					10.0000**
Cobalt, total	UG/L	MW03	23					10.0000**
Cobalt, total	UG/L	MW04	22					10.0000**
Cobalt, total	UG/L	MW04D	20					26.0000**
Cobalt, total	UG/L	MW05	22					10.0000**
Cobalt, total	UG/L	MW06	22					10.0000**
Cobalt, total	UG/L	MW07	21					10.0000**
Cobalt, total	UG/L	MW08	25	12.8400	4.2019	12.8400	12.8400	33.8494
Cobalt, total	UG/L	MW09R	24	10.8792	2.4744	10.8792	10.8792	23.2511
Cobalt, total	UG/L	MW10	20					13.3000**
Cobalt, total	UG/L	MW11	20					10.0000**
Cobalt, total	UG/L	MW11D	20	13.5150	9.7993	13.5150	13.5150	62.5116
Cobalt, total	UG/L	MW12	20					11.0000**
Cobalt, total	UG/L	MW12D	21	21.9619	25.7529	21.9619	21.9619	150.7262
Copper, total	UG/L	MW01	31					200.0000**
Copper, total	UG/L	MW02	30					200.0000**
Copper, total	UG/L	MW03	31					200.0000**
Copper, total	UG/L	MW04	30					200.0000**
Copper, total	UG/L	MW04D	20					200.0000**
Copper, total	UG/L	MW05	30					200.0000**
Copper, total	UG/L	MW06	22					200.0000**
Copper, total	UG/L	MW07	21	139.9476	87.2926	139.9476	139.9476	576.4108
Copper, total	UG/L	MW08	21					200.0000**
Copper, total	UG/L	MW09R	20	147.0050	81.3977	147.0050	147.0050	553.9935
Copper, total	UG/L	MW10	20					200.0000**
Copper, total	UG/L	MW11	20					200.0000**
Copper, total	UG/L	MW11D	21	165.6619	71.1526	165.6619	165.6619	521.4249
Copper, total	UG/L	MW12	20					200.0000**
Copper, total	UG/L	MW12D	19	177.8474	49.1114	177.8474	177.8474	423.4045
Lead, total	UG/L	MW01	31					10.0000**
Lead, total	UG/L	MW02	30					10.0000**
Lead, total	UG/L	MW03	30					10.0000**
Lead, total	UG/L	MW04	30					10.0000**
Lead, total	UG/L	MW04D	19	9.1053	2.0671	9.1053	9.1053	19.4406
Lead, total	UG/L	MW05	30					10.0000**
Lead, total	UG/L	MW06	22					10.0000**
Lead, total	UG/L	MW07	21					10.0000**
Lead, total	UG/L	MW08	20	7.6950	3.4081	7.6950	7.6950	24.7356
Lead, total	UG/L	MW09R	20					10.0000**
Lead, total	UG/L	MW10	20	7.8500	3.5033	7.8500	7.8500	25.3665
Lead, total	UG/L	MW11	20					10.0000**
Lead, total	UG/L	MW11D	20	8.5650	3.1905	8.5650	8.5650	24.5175
Lead, total	UG/L	MW12	21					21.0000**
Lead, total	UG/L	MW12D	18	12.0111	4.4237	12.0111	12.0111	34.1297
Nickel, total	UG/L	MW01	23					50.0000**
Nickel, total	UG/L	MW02	22					50.0000**
Nickel, total	UG/L	MW03	22					50.0000**
Nickel, total	UG/L	MW04	22					50.0000**
Nickel, total	UG/L	MW04D	20					50.0000**
Nickel, total	UG/L	MW05	22					50.0000**
Nickel, total	UG/L	MW06	22					50.0000**
Nickel, total	UG/L	MW07	21					50.0000**
Nickel, total	UG/L	MW08	21					50.0000**
Nickel, total	UG/L	MW09R	20					50.0000**
Nickel, total	UG/L	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	MW11	20					50.0000**
Nickel, total	UG/L	MW11D	20	43.6100	12.3400	43.6100	43.6100	105.3102
Nickel, total	UG/L	MW12	20					50.0000**
Nickel, total	UG/L	MW12D	21					108.0000**
Selenium, total	UG/L	MW01	31					20.0000**
Selenium, total	UG/L	MW02	30					20.0000**
Selenium, total	UG/L	MW03	30					20.0000**
Selenium, total	UG/L	MW04	30					20.0000**
Selenium, total	UG/L	MW04D	20					20.0000**
Selenium, total	UG/L	MW05	30					20.0000**
Selenium, total	UG/L	MW06	22					20.0000**
Selenium, total	UG/L	MW07	21					20.0000**
Selenium, total	UG/L	MW08	21					20.0000**
Selenium, total	UG/L	MW09R	20					20.0000**
Selenium, total	UG/L	MW10	20					20.0000**
Selenium, total	UG/L	MW11	20					20.0000**
Selenium, total	UG/L	MW11D	20					20.0000**
Selenium, total	UG/L	MW12	20	15.8850	7.4320	15.8850	15.8850	53.0448
Selenium, total	UG/L	MW12D	20					20.0000**
Silver, total	UG/L	MW01	31					10.0000**
Silver, total	UG/L	MW02	30					10.0000**
Silver, total	UG/L	MW03	30					10.0000**
Silver, total	UG/L	MW04	30					10.0000**
Silver, total	UG/L	MW04D	20					10.0000**
Silver, total	UG/L	MW05	30					10.0000**
Silver, total	UG/L	MW06	22					10.0000**
Silver, total	UG/L	MW07	21					13.6000**
Silver, total	UG/L	MW08	21					11.6000**
Silver, total	UG/L	MW09R	20					10.0000**
Silver, total	UG/L	MW10	20					10.0000**
Silver, total	UG/L	MW11	20					10.0000**
Silver, total	UG/L	MW11D	20					10.0000**
Silver, total	UG/L	MW12	20					10.0000**
Silver, total	UG/L	MW12D	20					10.0000**
Thallium, total	UG/L	MW01	23					10.0000**
Thallium, total	UG/L	MW02	22					10.0000**
Thallium, total	UG/L	MW03	22					10.0000**
Thallium, total	UG/L	MW04	22					10.0000**
Thallium, total	UG/L	MW04D	20					10.0000**
Thallium, total	UG/L	MW05	22					10.0000**
Thallium, total	UG/L	MW06	22					10.0000**
Thallium, total	UG/L	MW07	21					10.0000**
Thallium, total	UG/L	MW08	22					10.0000**
Thallium, total	UG/L	MW09R	20					10.0000**
Thallium, total	UG/L	MW10	20					10.0000**
Thallium, total	UG/L	MW11	20					10.0000**
Thallium, total	UG/L	MW11D	20					10.0000**
Thallium, total	UG/L	MW12	20					10.0000**
Thallium, total	UG/L	MW12D	20					10.0000**
Vanadium, total	UG/L	MW01	23					40.0000**
Vanadium, total	UG/L	MW02	22					40.0000**
Vanadium, total	UG/L	MW03	23	30.4913	13.6266	30.4913	30.4913	98.6245
Vanadium, total	UG/L	MW04	22					40.0000**
Vanadium, total	UG/L	MW04D	20	37.2450	23.1524	37.2450	37.2450	153.0069
Vanadium, total	UG/L	MW05	22	28.9864	15.1290	28.9864	28.9864	104.6314
Vanadium, total	UG/L	MW06	22					45.6000**
Vanadium, total	UG/L	MW07	21	31.4238	14.4314	31.4238	31.4238	103.5809
Vanadium, total	UG/L	MW08	22					40.0000**
Vanadium, total	UG/L	MW09R	21					106.0000**
Vanadium, total	UG/L	MW10	20	31.7850	14.4082	31.7850	31.7850	103.8258
Vanadium, total	UG/L	MW11	20	31.3350	15.4182	31.3350	31.3350	108.4261
Vanadium, total	UG/L	MW11D	21	55.0857	33.4577	55.0857	55.0857	222.3740
Vanadium, total	UG/L	MW12	20					40.0000**
Vanadium, total	UG/L	MW12D	21	87.3857	100.2112	87.3857	87.3857	588.4417
Zinc, total	UG/L	MW01	31					65.4000**
Zinc, total	UG/L	MW02	30					50.0000**
Zinc, total	UG/L	MW03	30					50.0000**
Zinc, total	UG/L	MW04	30					50.0000**
Zinc, total	UG/L	MW04D	22	54.3182	33.9333	114.7818	54.3182	223.9848
Zinc, total	UG/L	MW05	30					110.0000**
Zinc, total	UG/L	MW06	21					50.0000**
Zinc, total	UG/L	MW07	21	38.7857	17.0759	38.7857	38.7857	124.1653
Zinc, total	UG/L	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

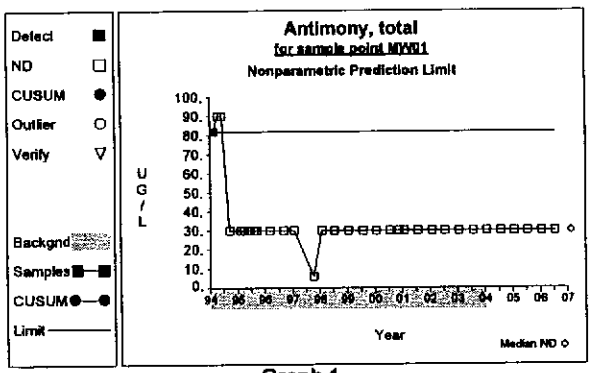
Constituent	Units	Well	N	Mean	SD	S(I-1)	S(I)	Limit
Zinc, total	UG/L	MW09R	20					87.9000**
Zinc, total	UG/L	MW10	20	41.4400	13.8997	41.4400	41.4400	110.9385
Zinc, total	UG/L	MW11	20	39.0450	17.3256	39.0450	39.0450	125.6730
Zinc, total	UG/L	MW11D	21	62.9714	35.3700	62.9714	62.9714	239.8214
Zinc, total	UG/L	MW12	17					130.0000**
Zinc, total	UG/L	MW12D	21	113.7952	139.2305	113.7952	113.7952	809.9477

* - Insufficient Data
** - Detection Frequency < 25%
*** - Zero Variance

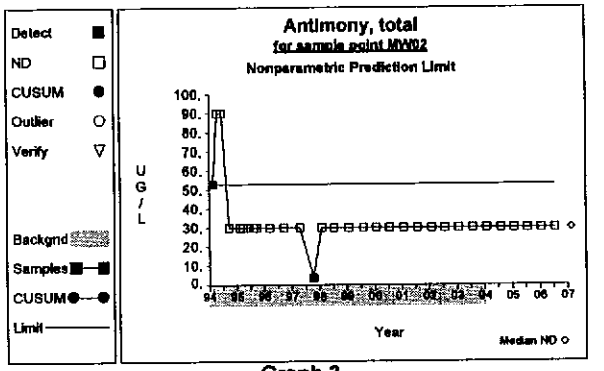
Piedmont [gw]

Analysis prepared on August 2006

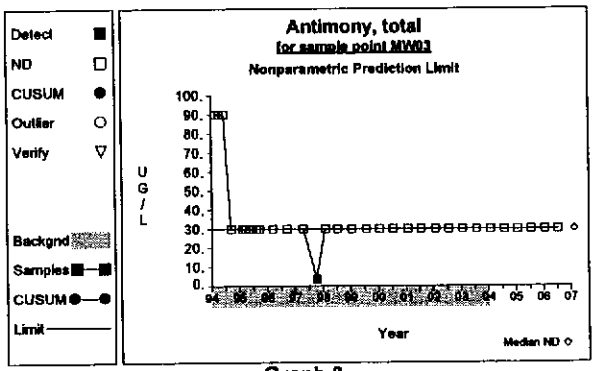
Intra-Well Control Charts



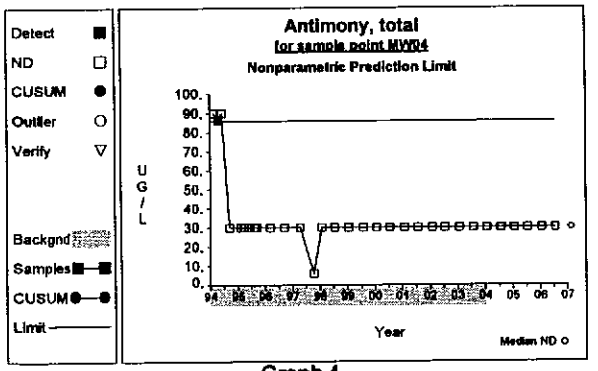
Graph 1



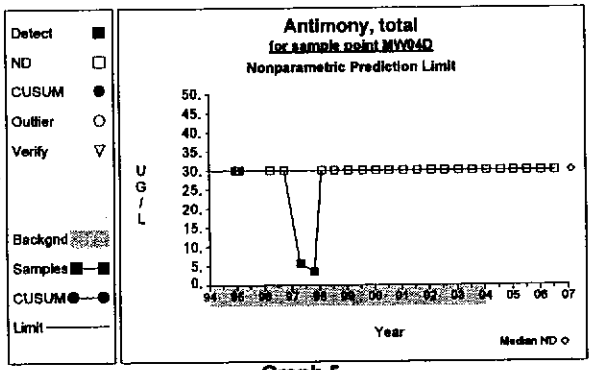
Graph 2



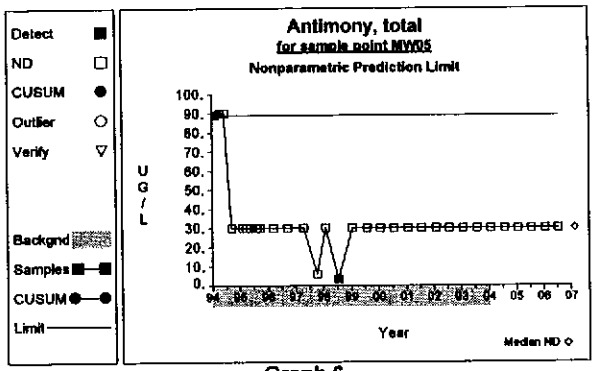
Graph 3



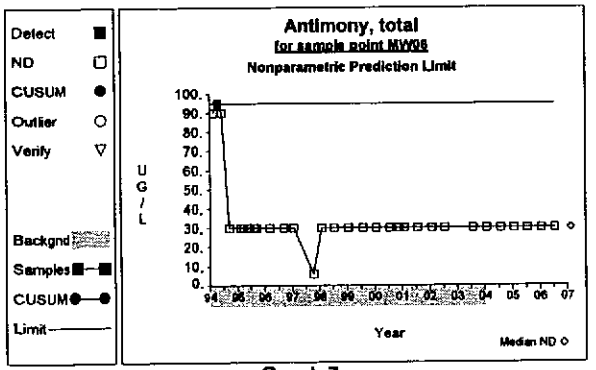
Graph 4



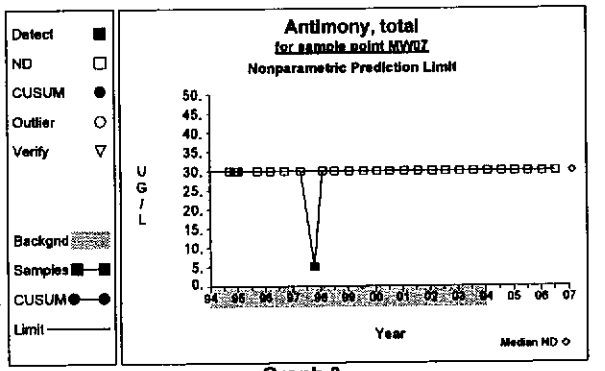
Graph 5



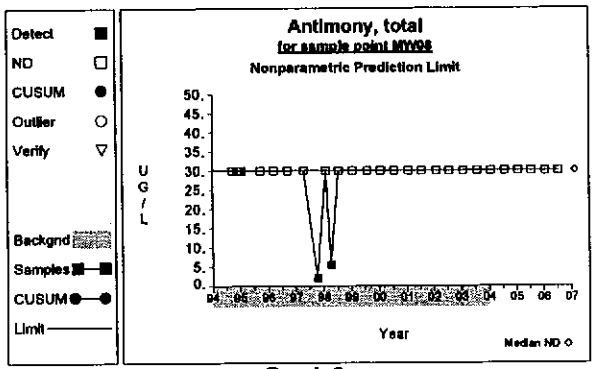
Graph 6



Graph 7



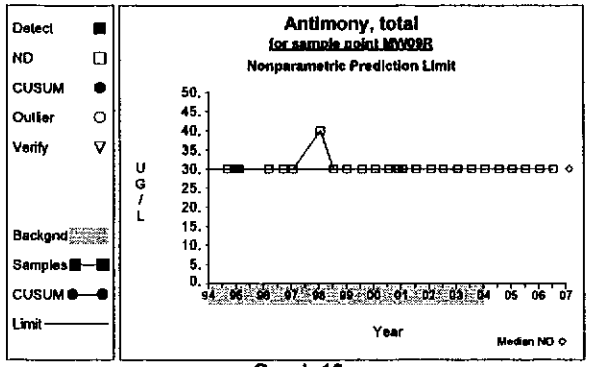
Graph 8



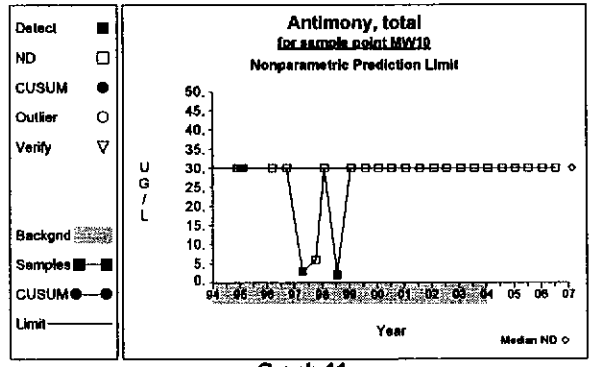
Graph 9

Prepared by: Otter Creek Environmental

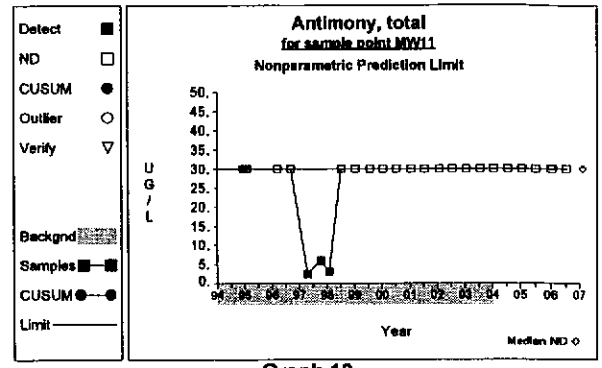
Intra-Well Control Charts



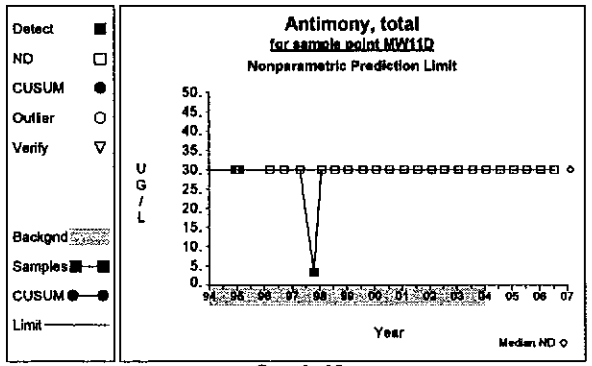
Graph 10



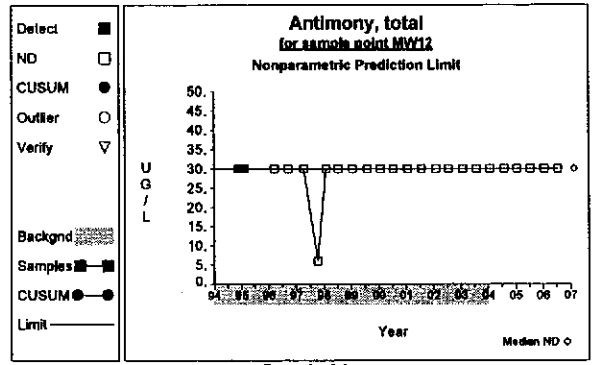
Graph 11



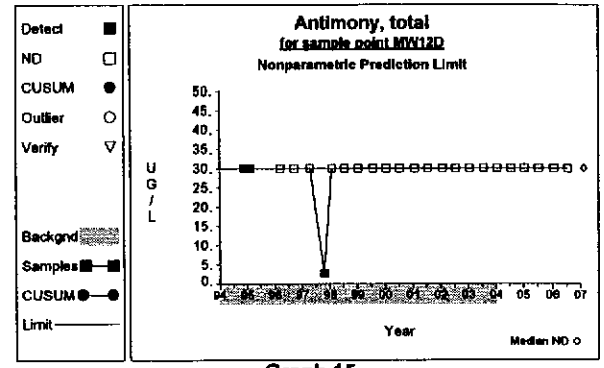
Graph 12



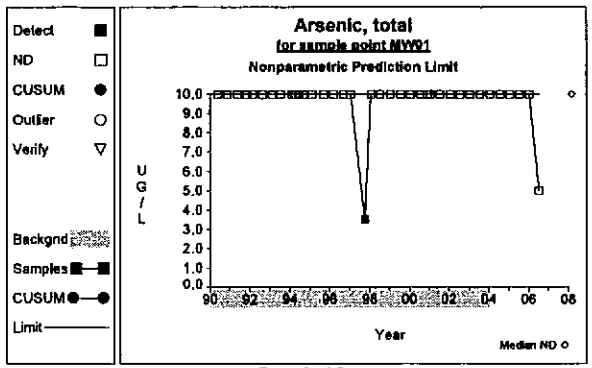
Graph 13



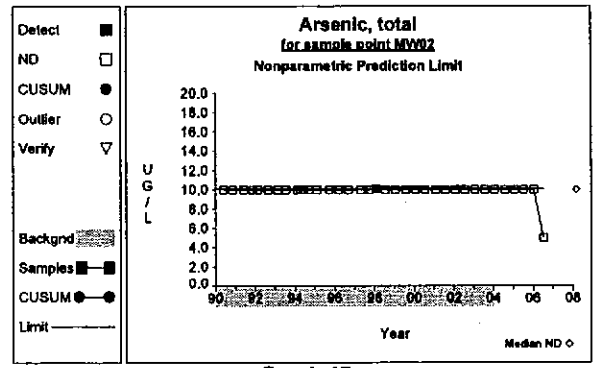
Graph 14



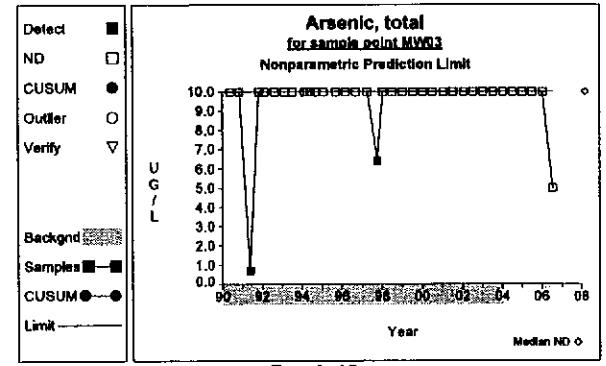
Graph 15



Graph 16



Graph 17

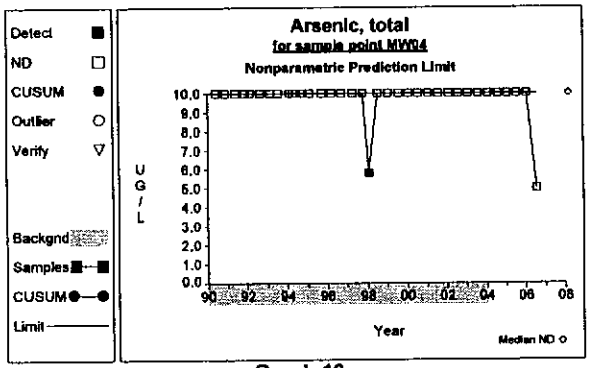


Graph 18

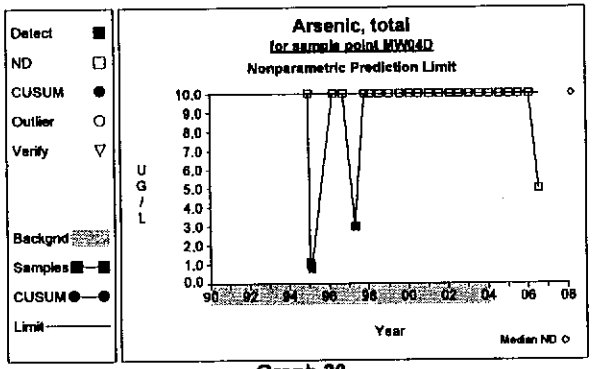
Piedmont [gw]

Analysis prepared on August 2006

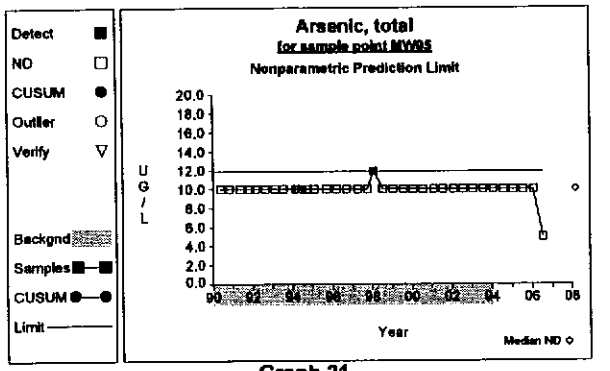
Intra-Well Control Charts



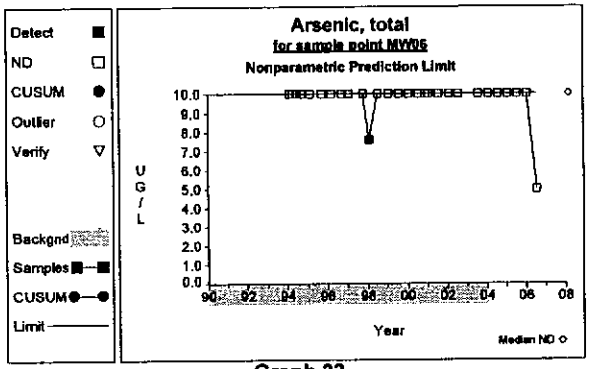
Graph 19



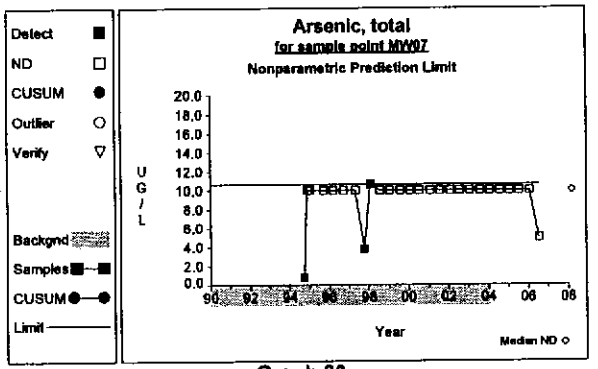
Graph 20



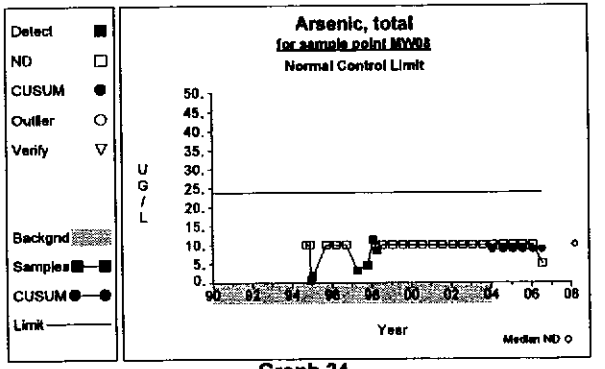
Graph 21



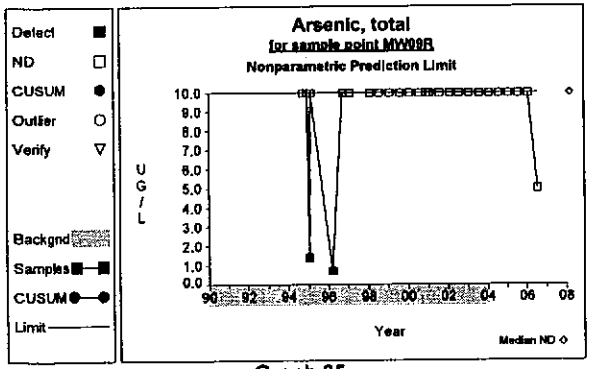
Graph 22



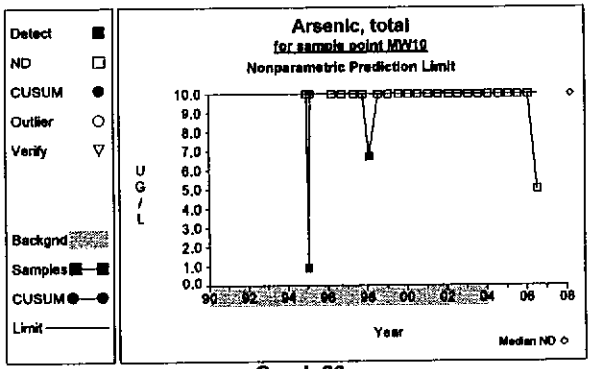
Graph 23



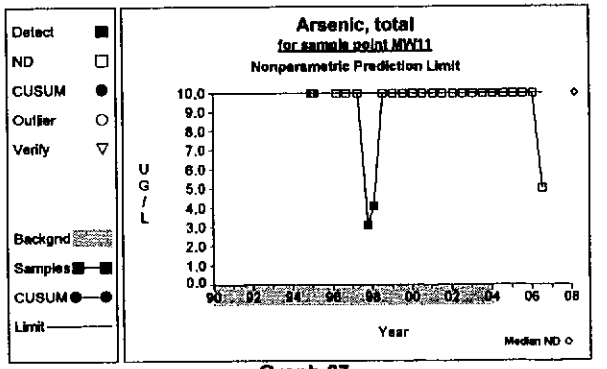
Graph 24



Graph 25



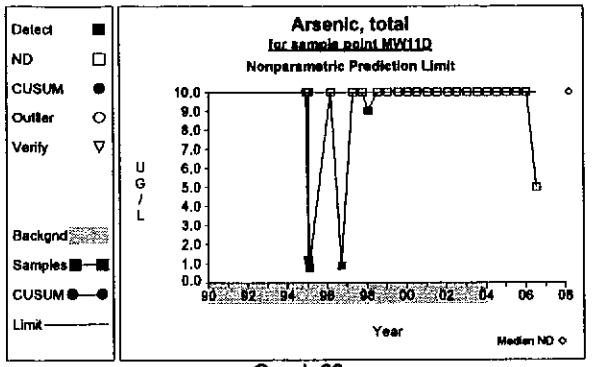
Graph 26



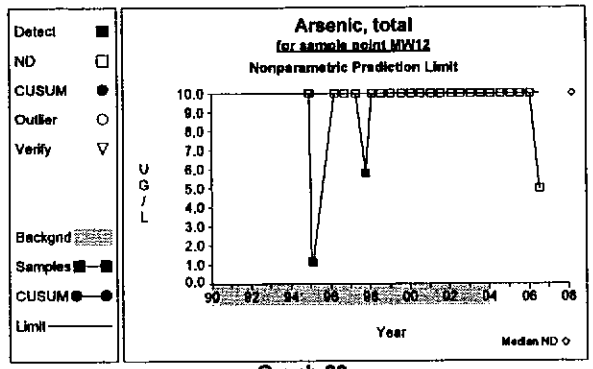
Graph 27

Prepared by: Otter Creek Environmental

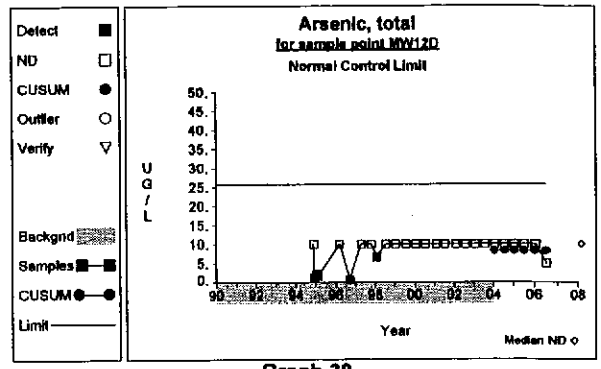
Intra-Well Control Charts



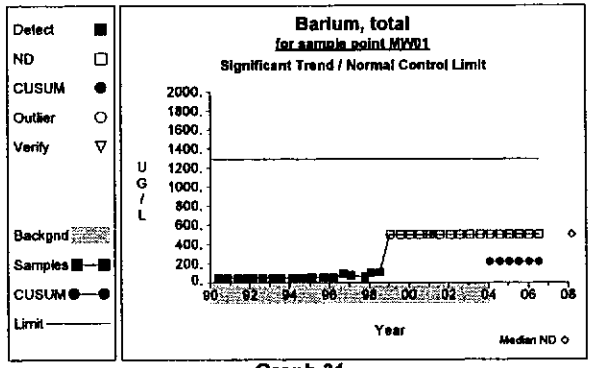
Graph 28



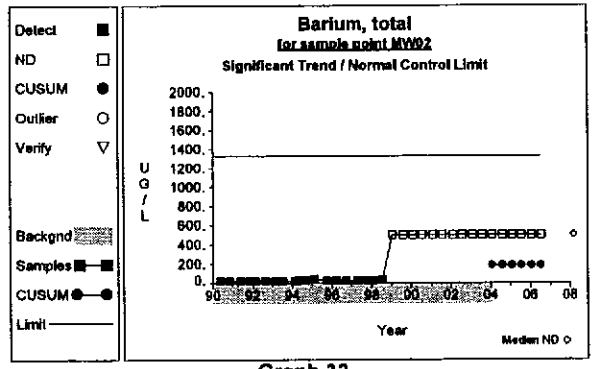
Graph 29



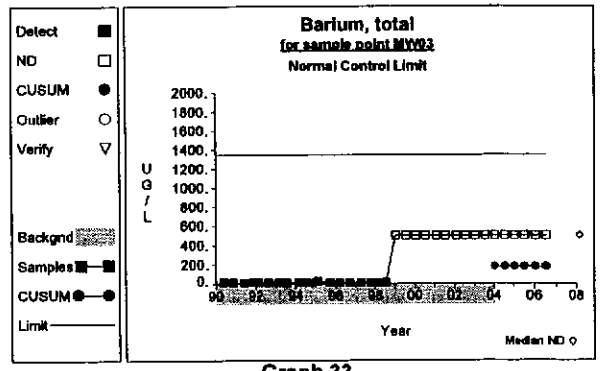
Graph 30



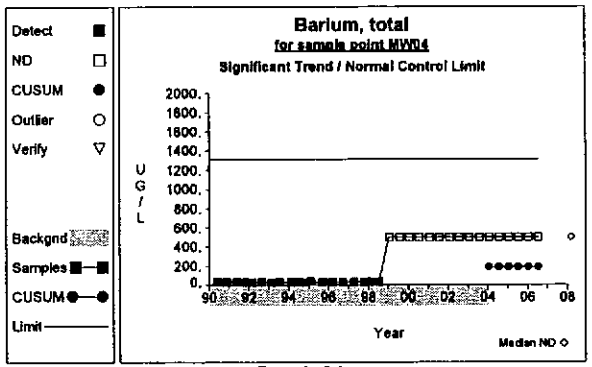
Graph 31



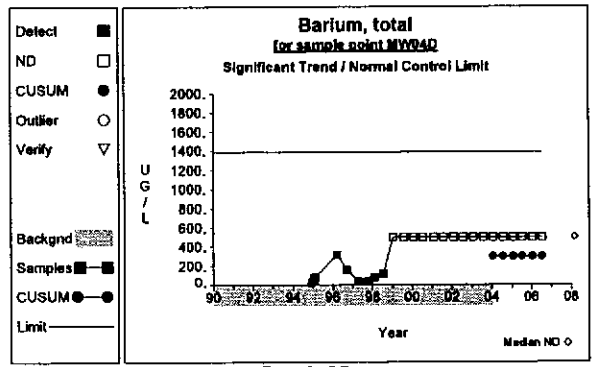
Graph 32



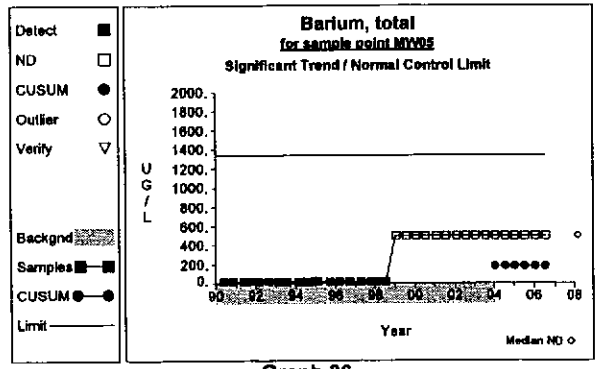
Graph 33



Graph 34



Graph 35



Graph 36

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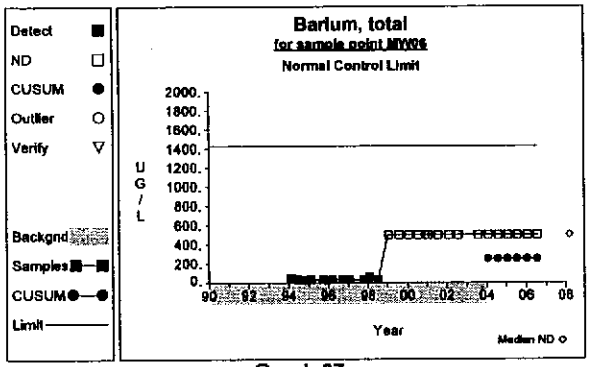
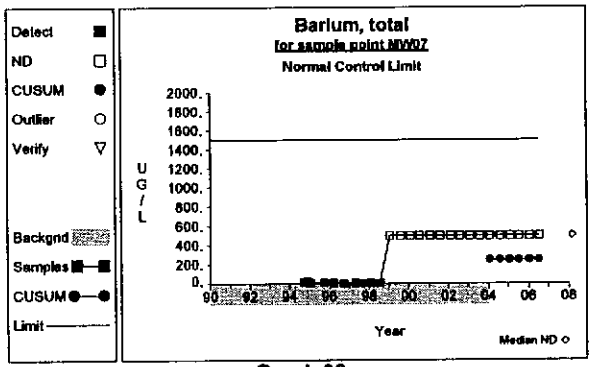
Piedmont [gw]

Analysis prepared on August 2006

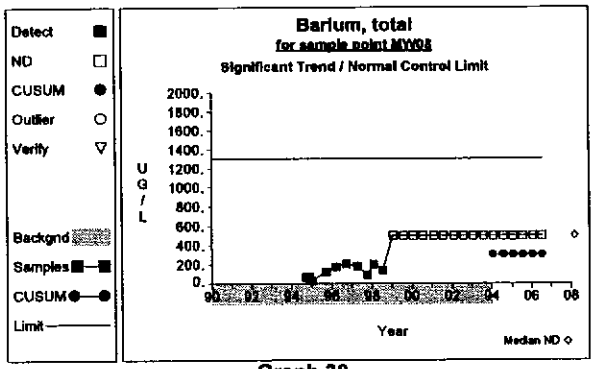
Intra-Well Control Charts



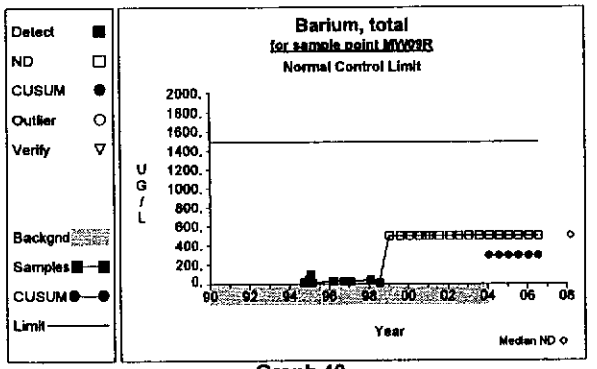
Graph 37



Graph 38



Graph 39



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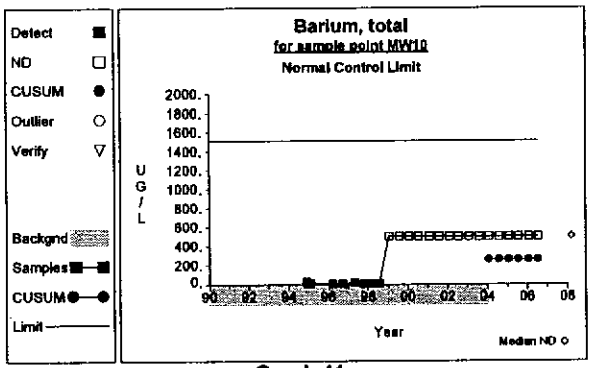

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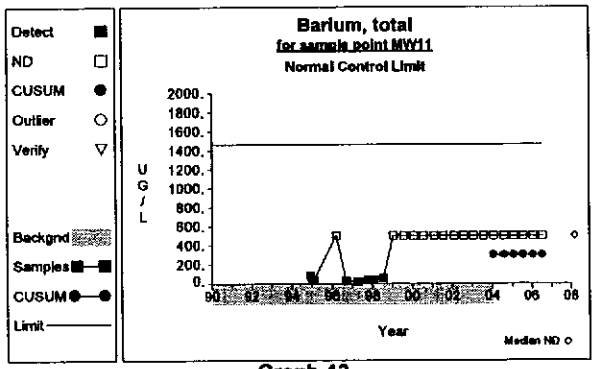
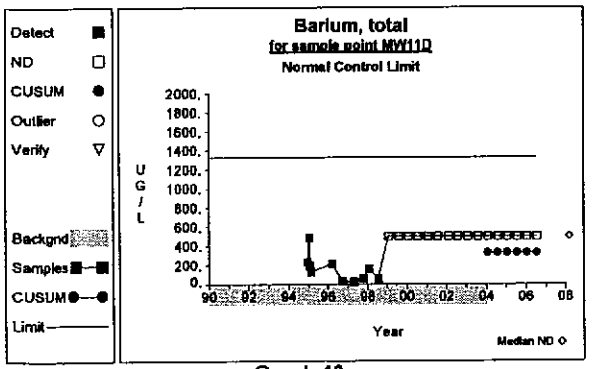


Graph 42



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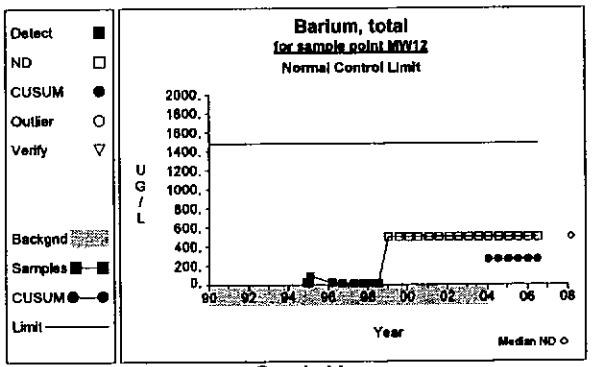
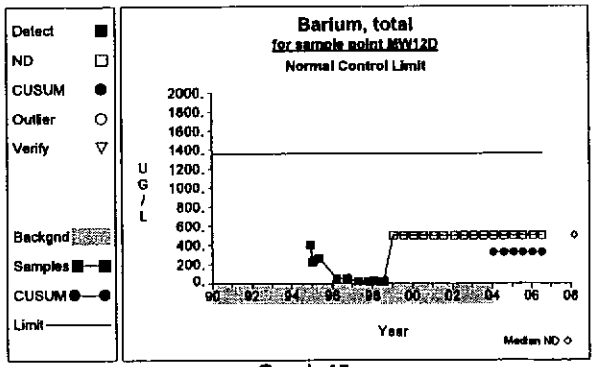


Graph 44



Graph 45

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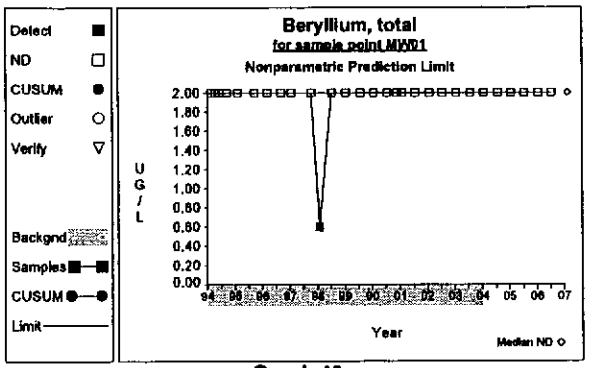
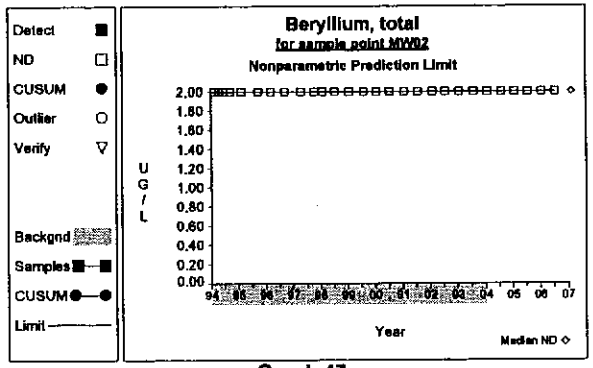
Intra-Well Control Charts



Graph 46



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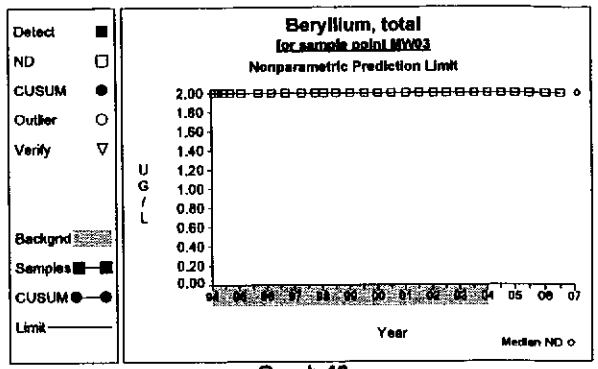
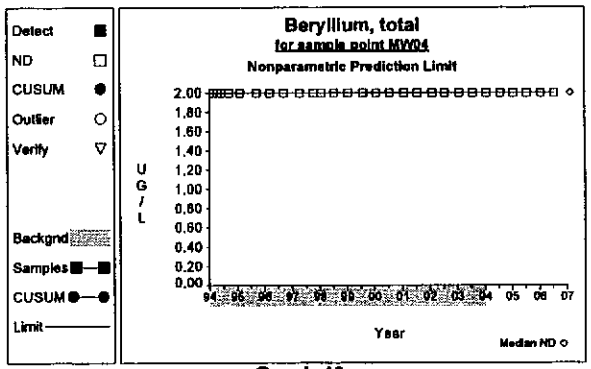
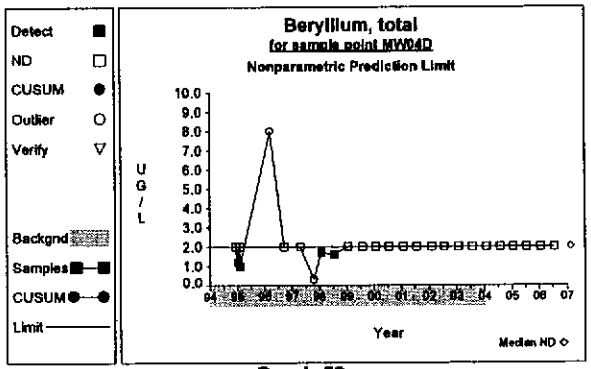


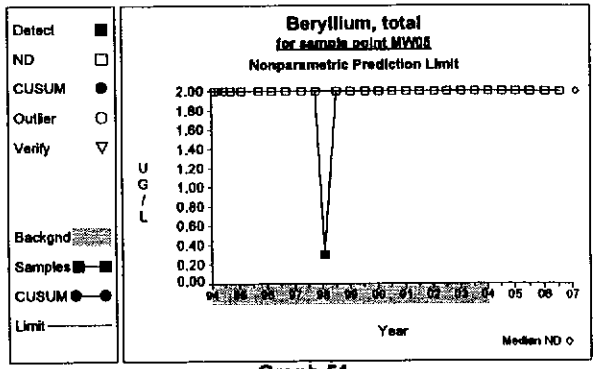
Graph 48



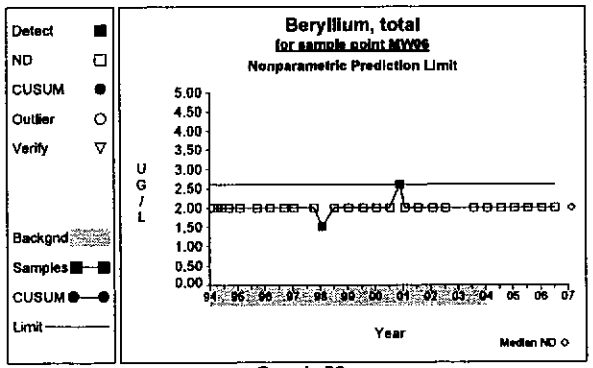
Graph 49



Graph 50



Graph 51



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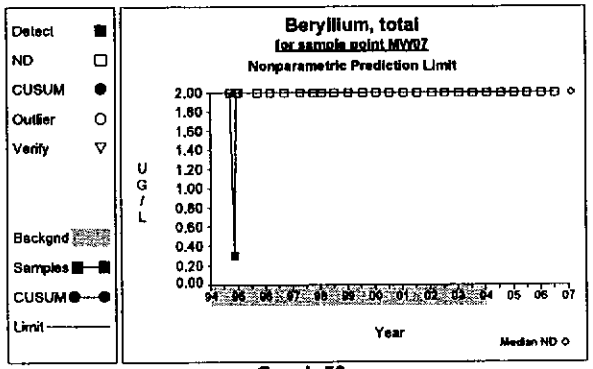

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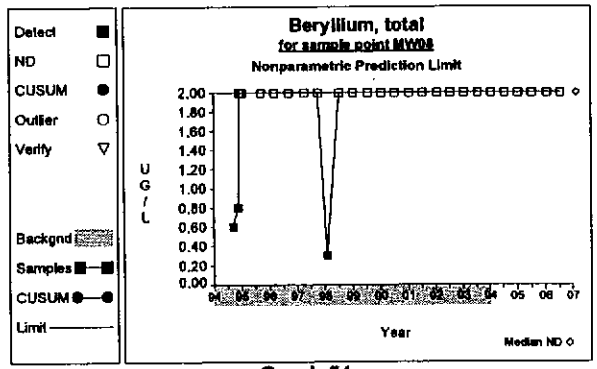

Graph 54

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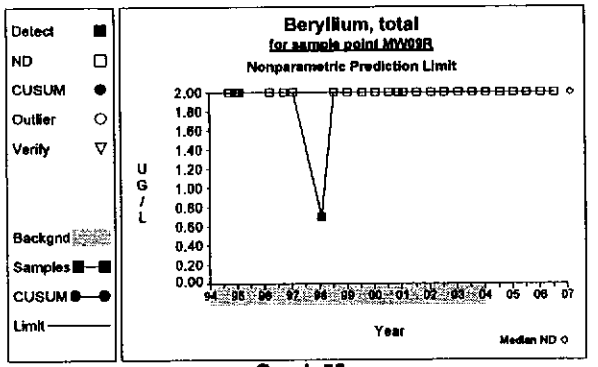
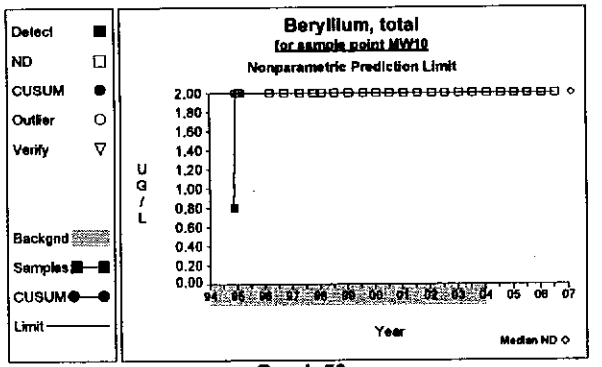
Analysis prepared on August 2006

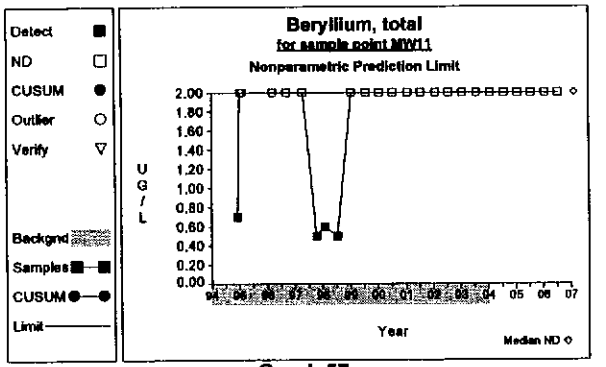
Intra-Well Control Charts



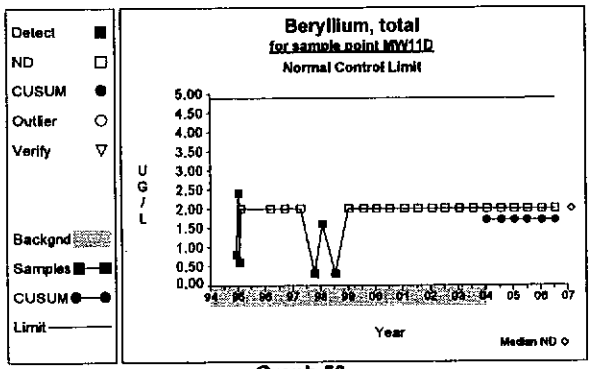
Graph 55



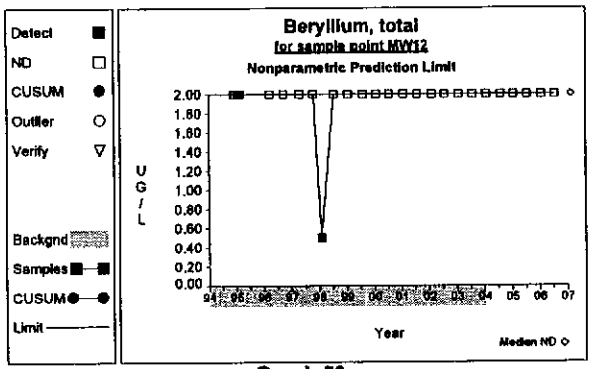
Graph 56



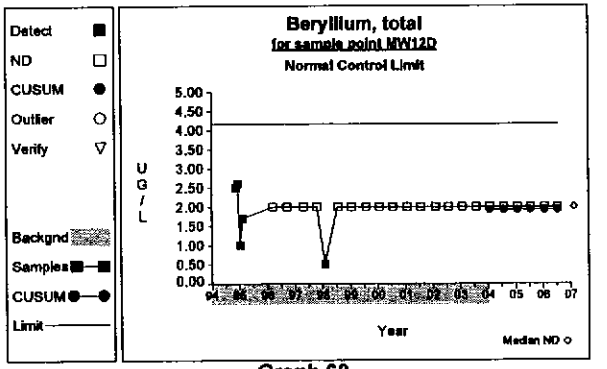
Graph 57



Graph 58



Graph 59



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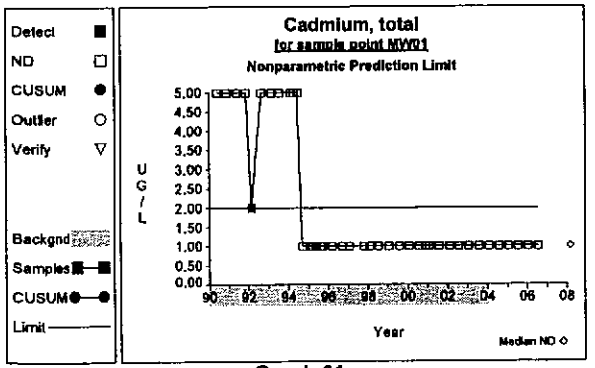
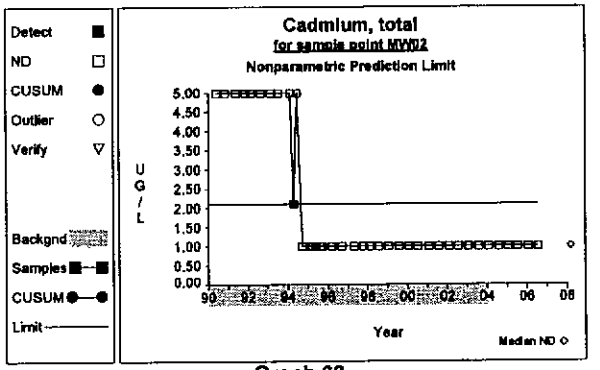
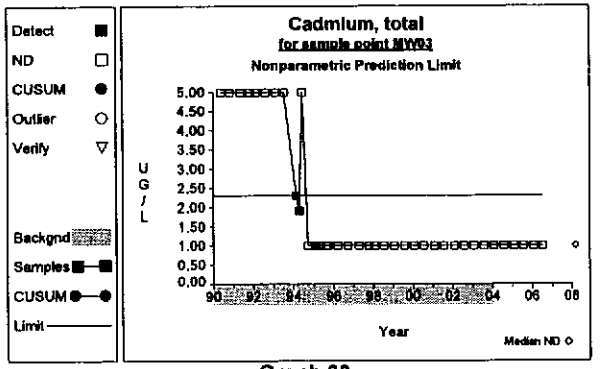


Graph 61



Graph 62



Graph 63

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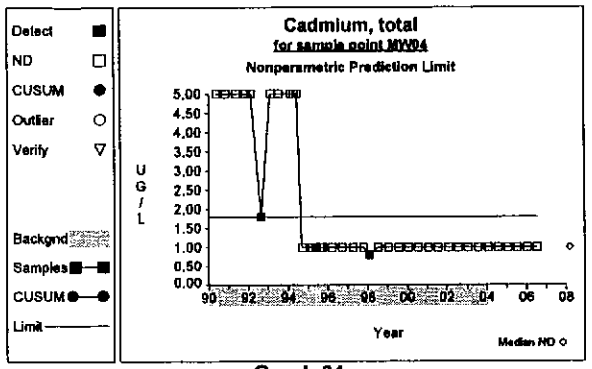
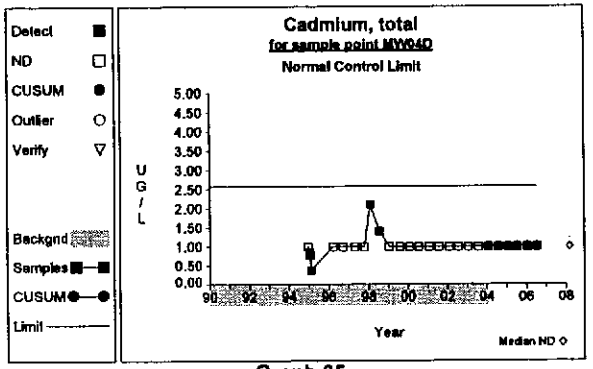
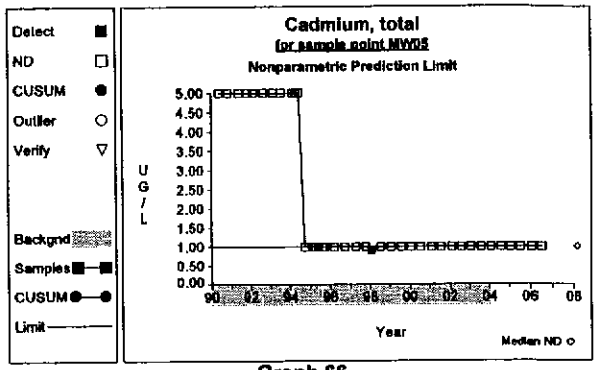
Intra-Well Control Charts



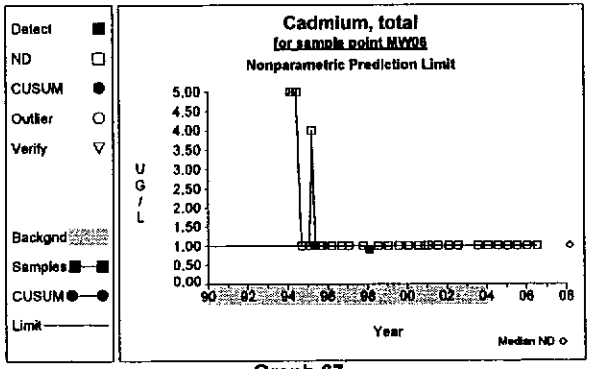
Graph 64



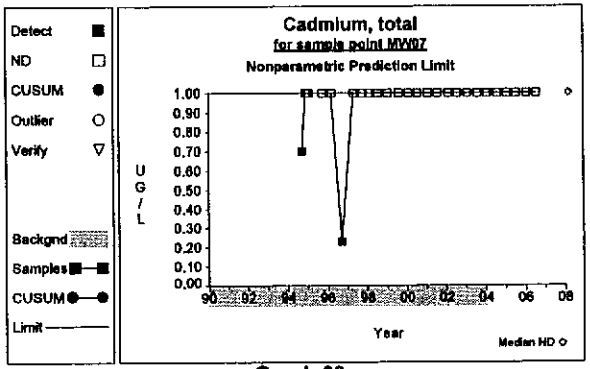
Graph 65



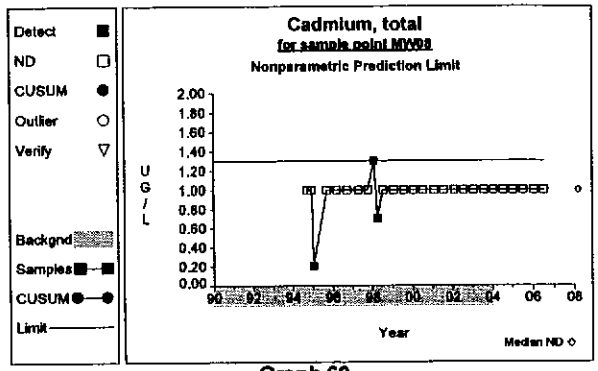
Graph 66



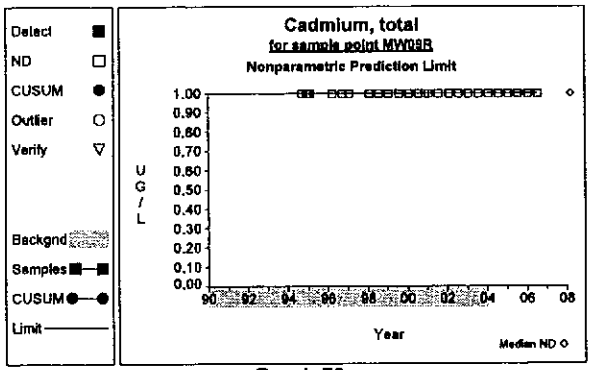
Graph 67



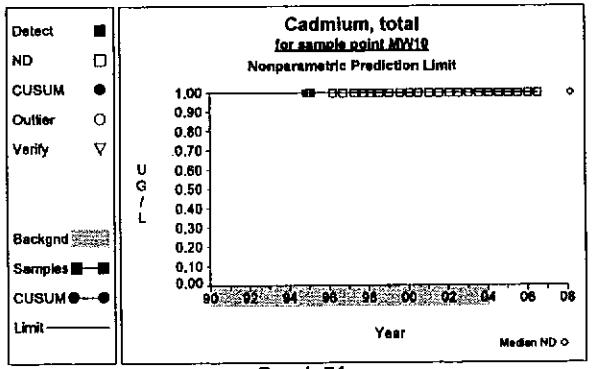
Graph 68



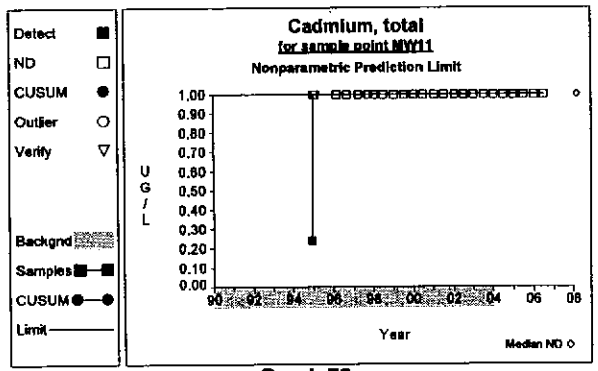
Graph 69



Graph 70



Graph 71



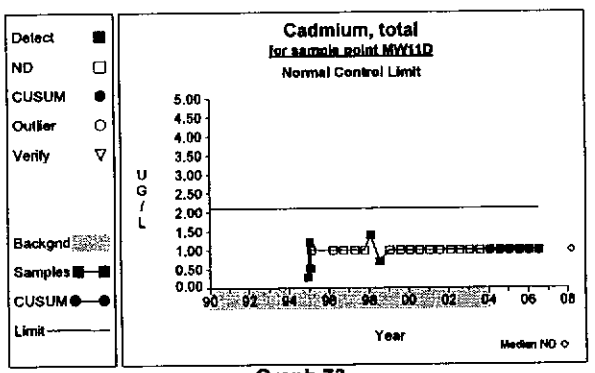
Graph 72

Prepared by: Otter Creek Environmental

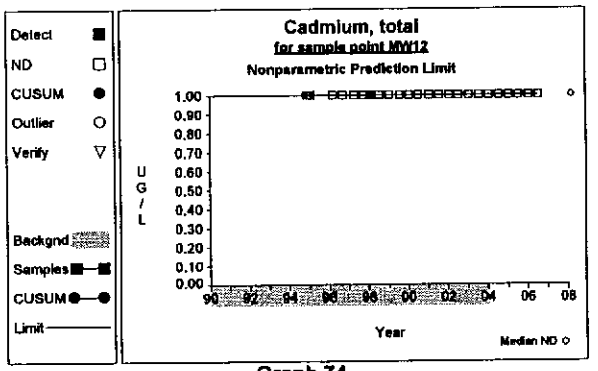
Piedmont [gw]

Analysis prepared on August 2006

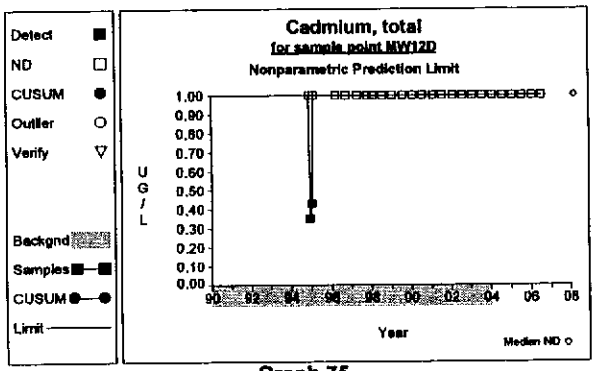
Intra-Well Control Charts



Graph 73



Graph 74



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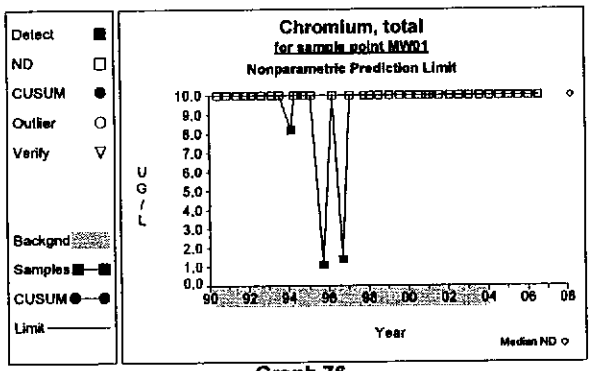

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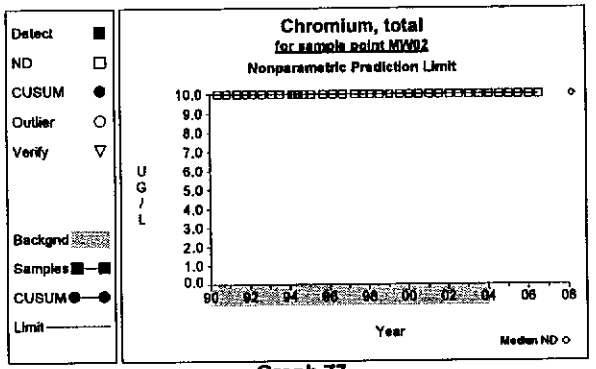
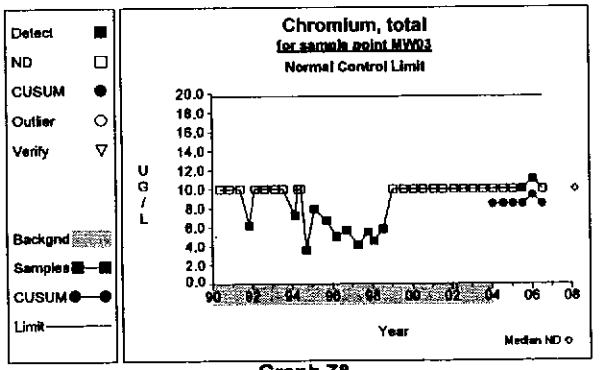
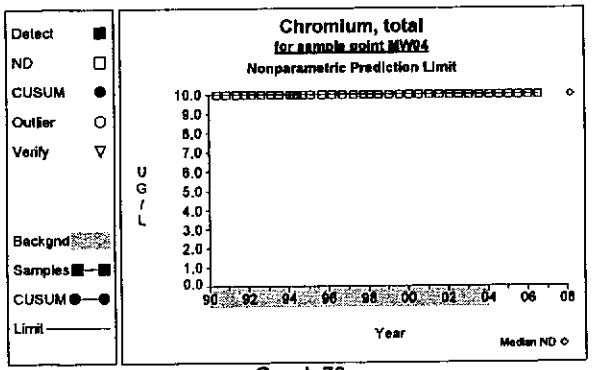


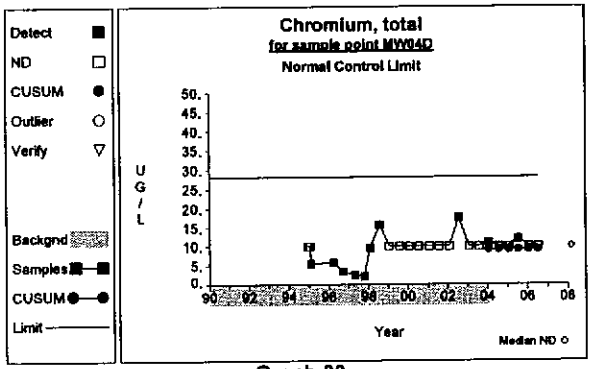
Graph 77



Graph 78



Graph 79



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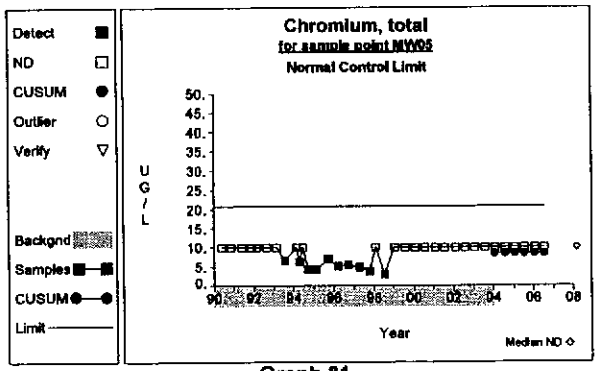

Graph 81

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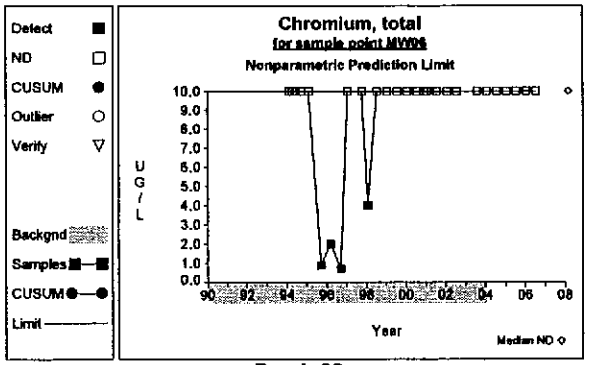
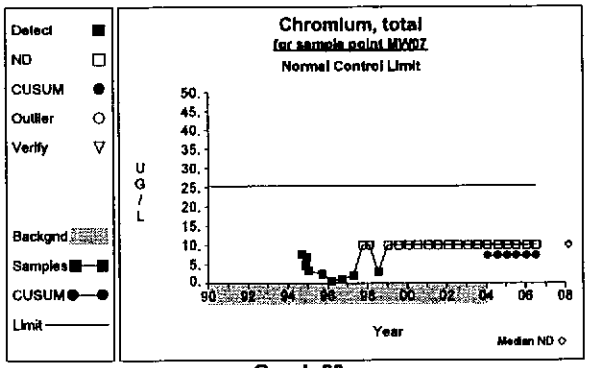
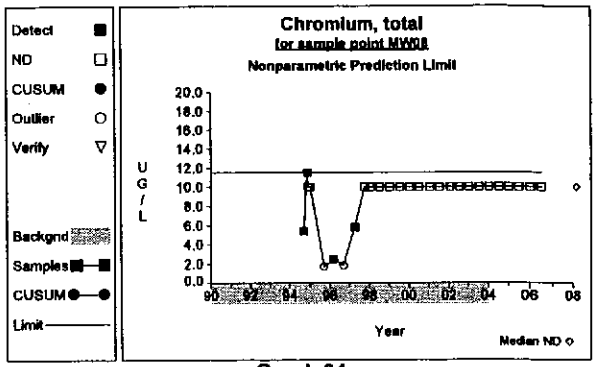
Intra-Well Control Charts



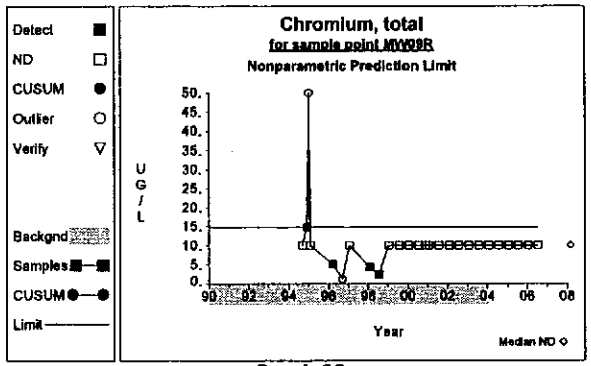
Graph 82



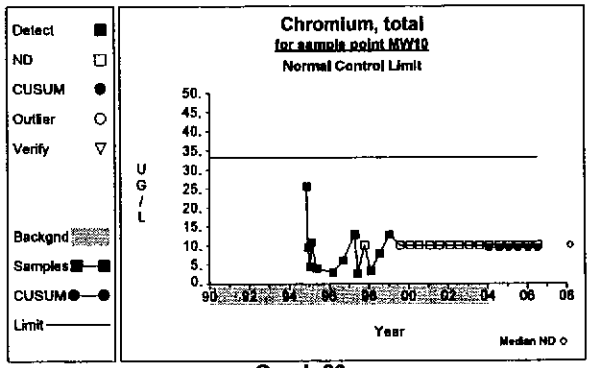
Graph 83



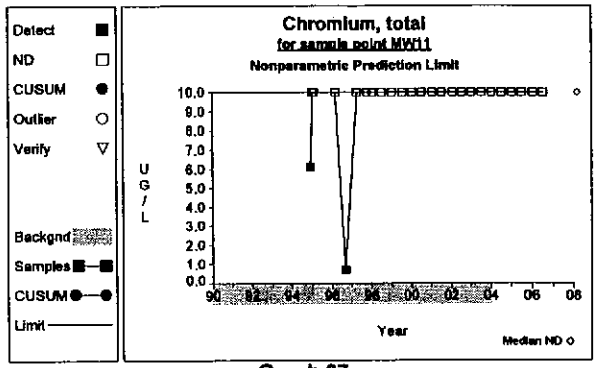
Graph 84



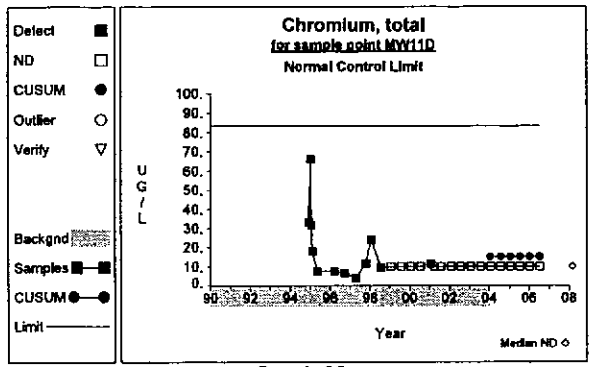
Graph 85



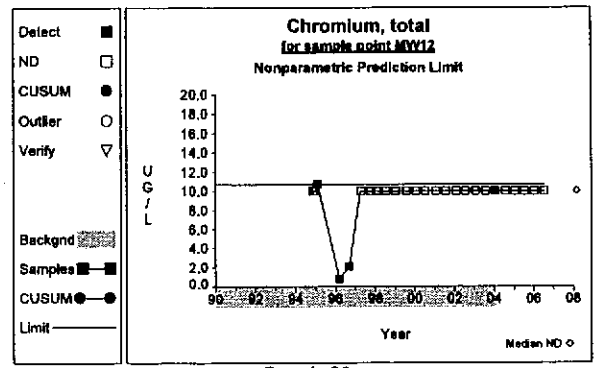
Graph 86



Graph 87



Graph 88



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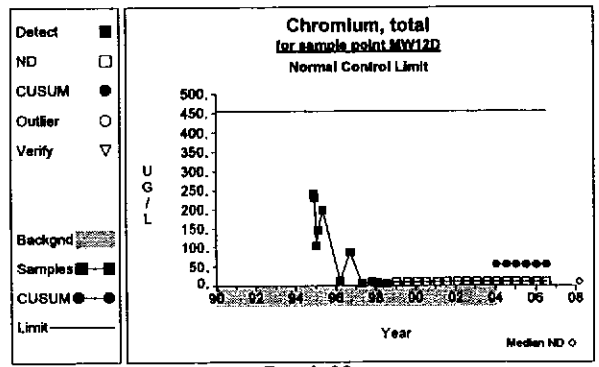

Graph 90

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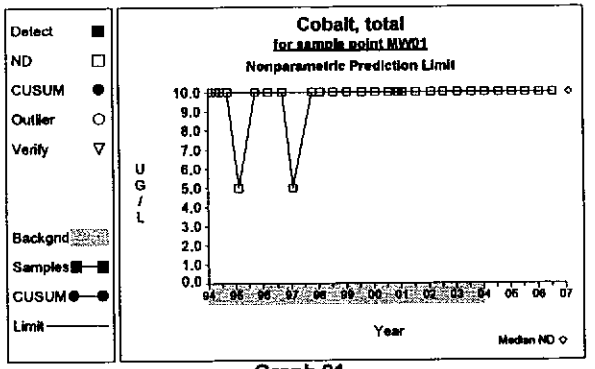

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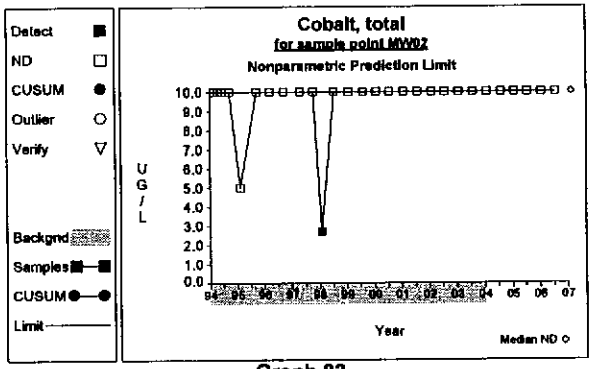

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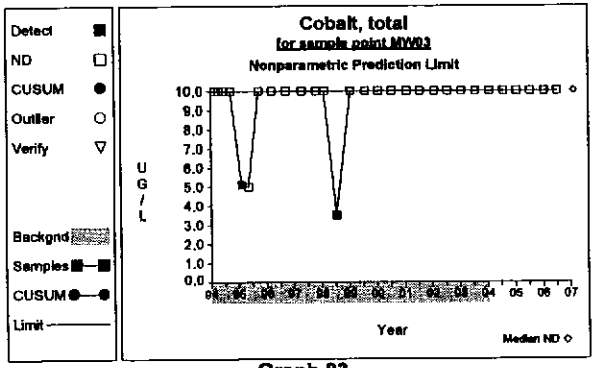

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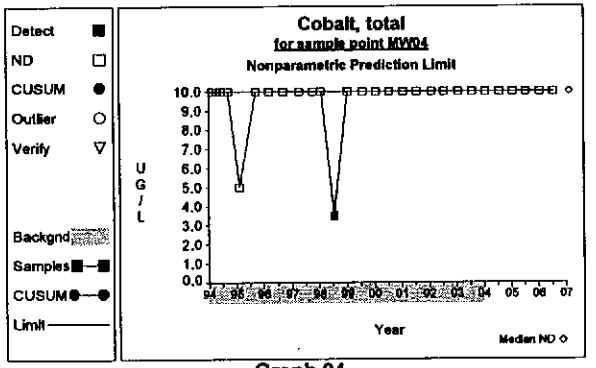
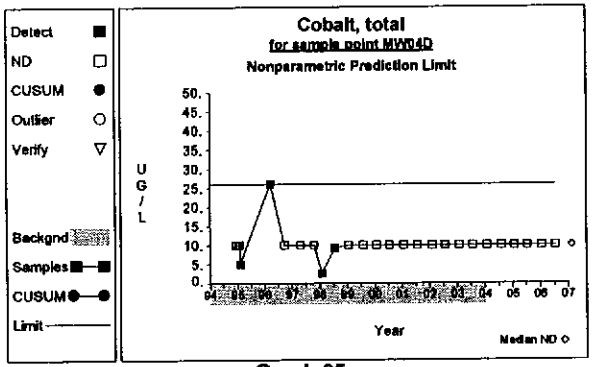


Graph 94



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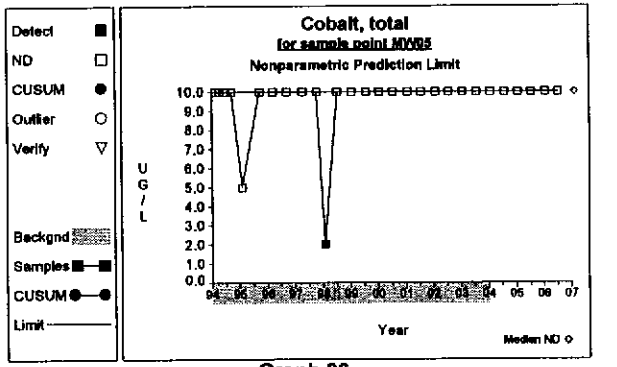

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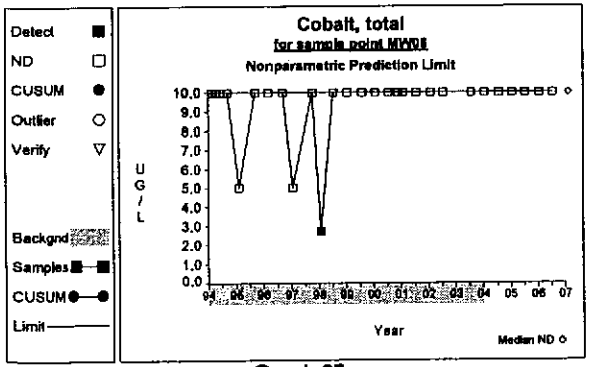

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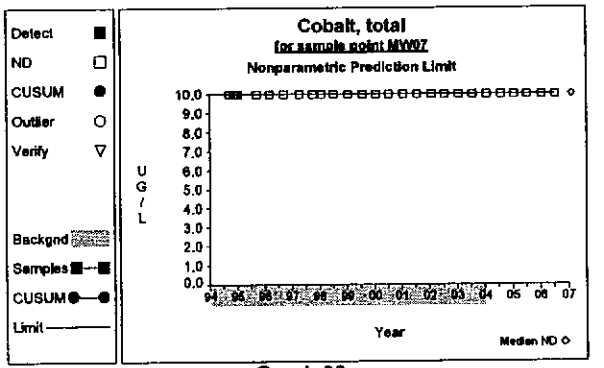
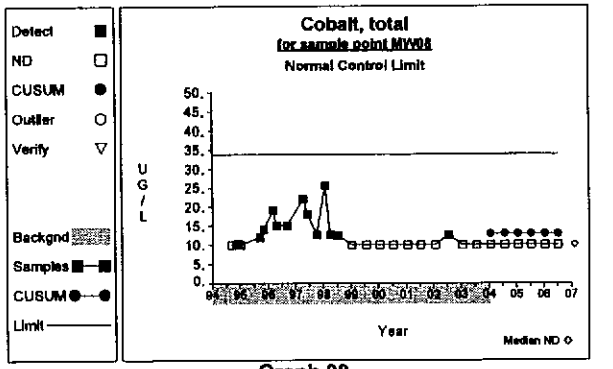


Graph 98



Graph 99

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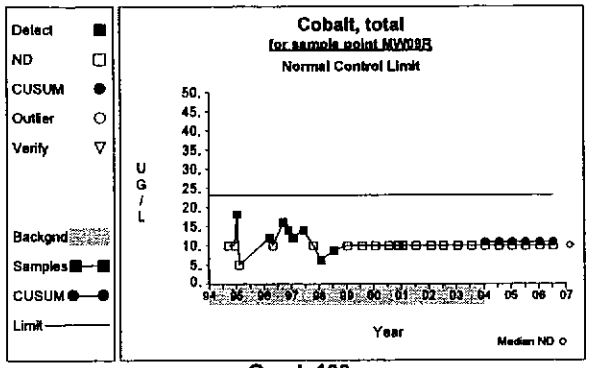

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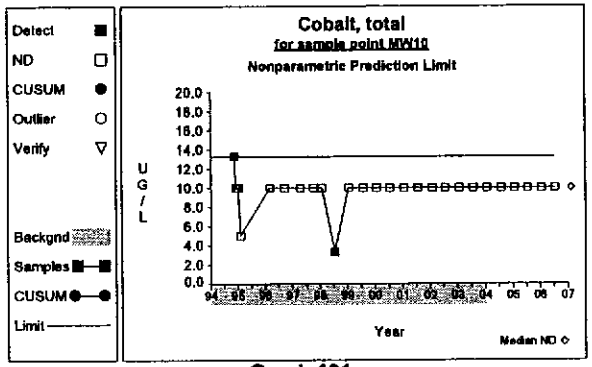

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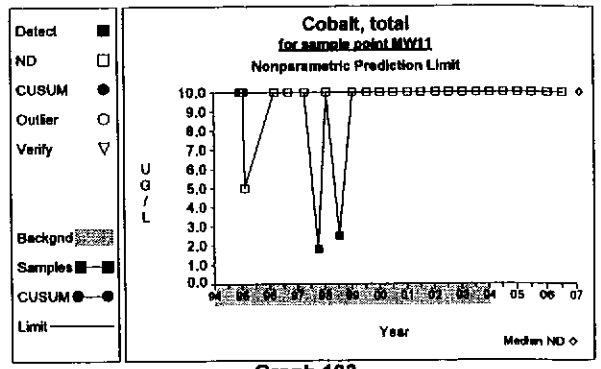

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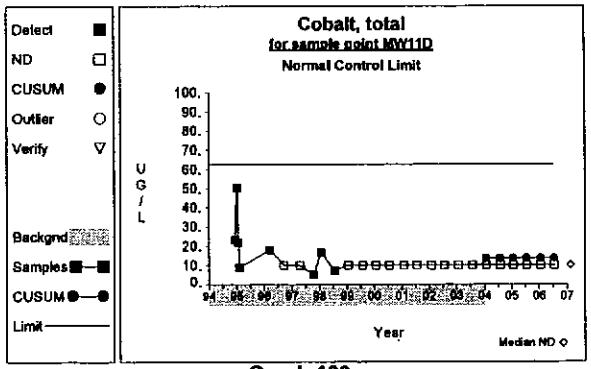

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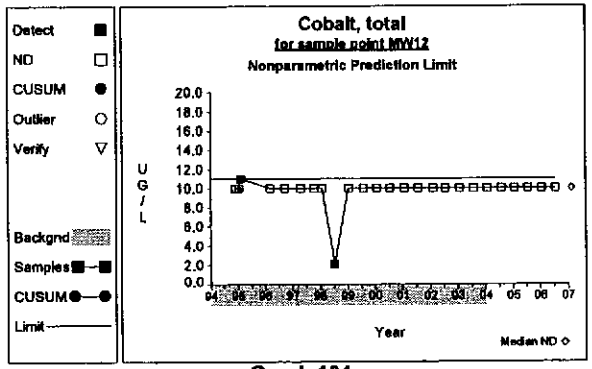

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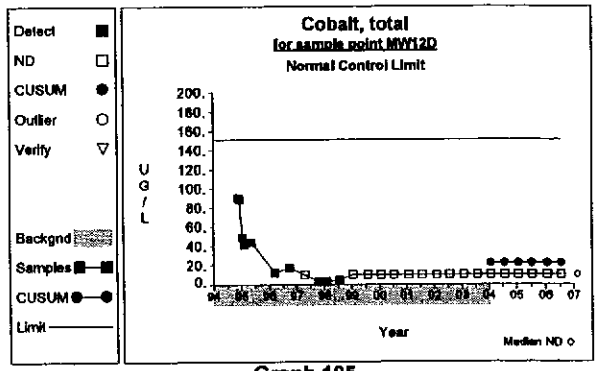

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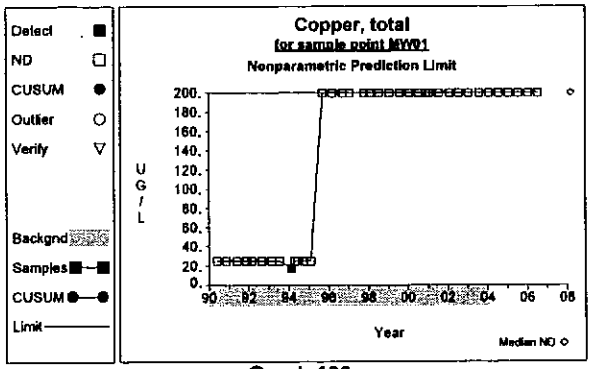

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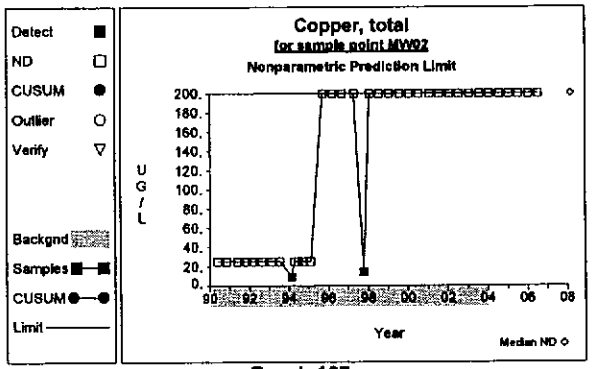

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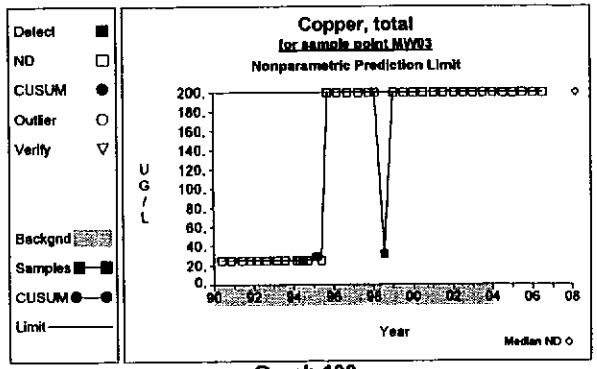

Graph 108

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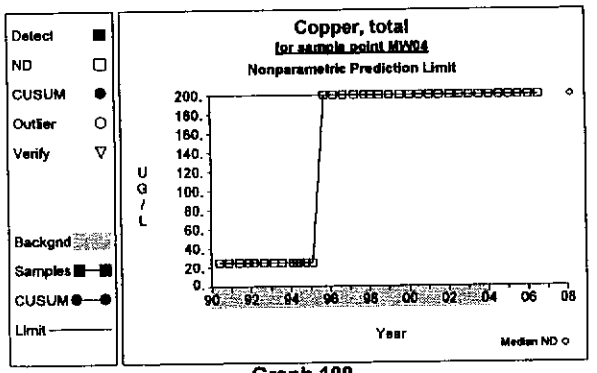
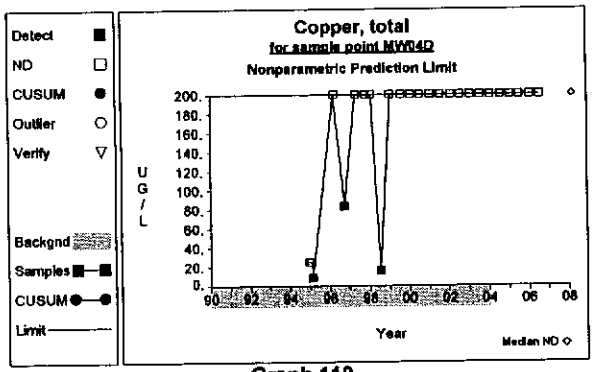


Graph 109



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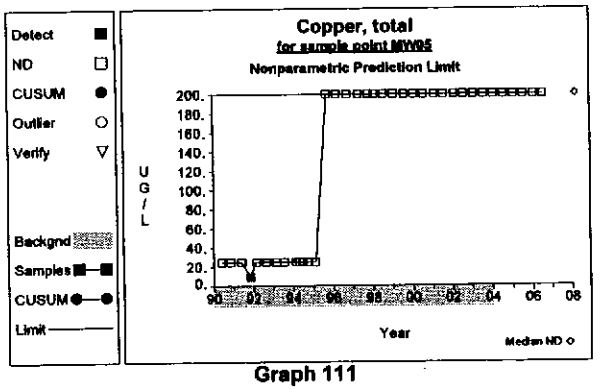

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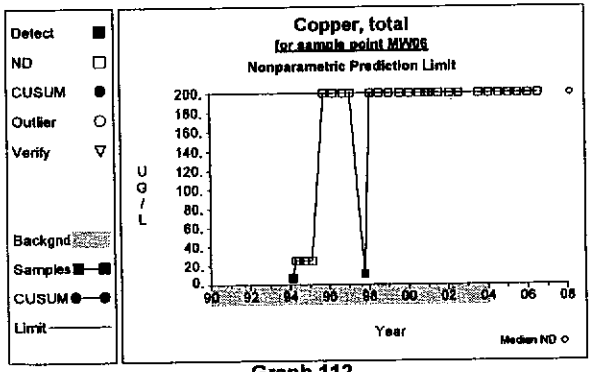

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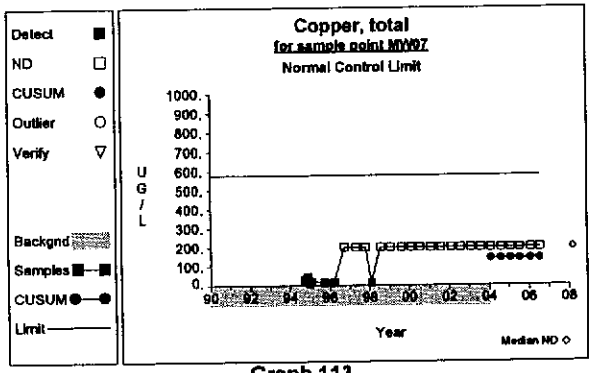

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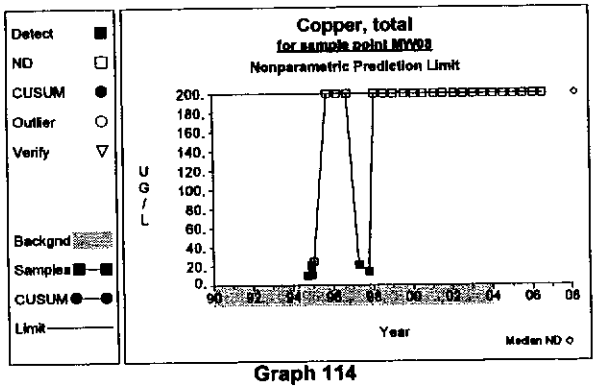

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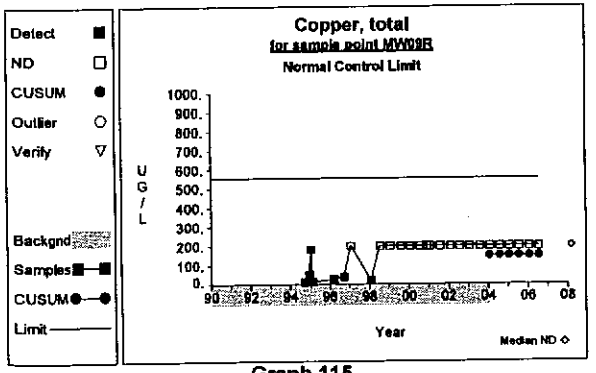

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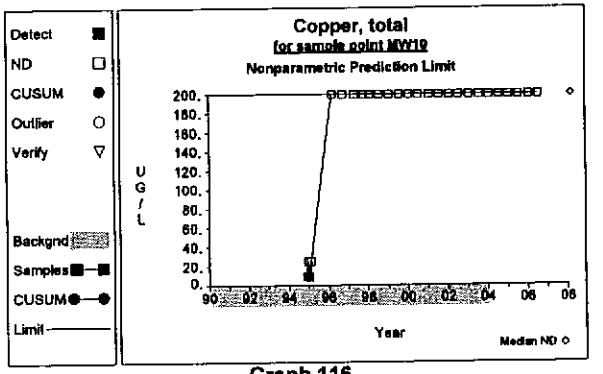

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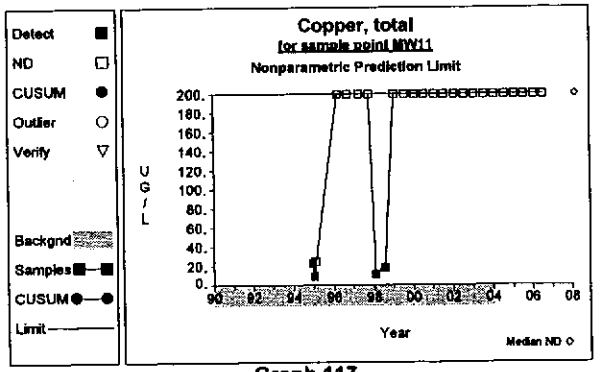

Graph 117

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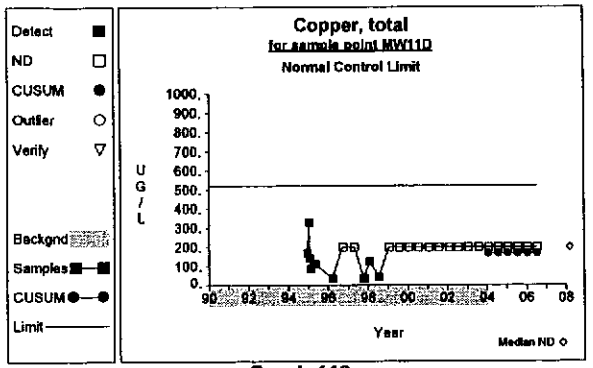

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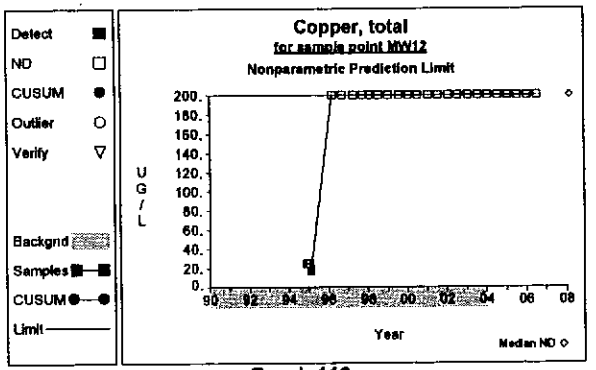

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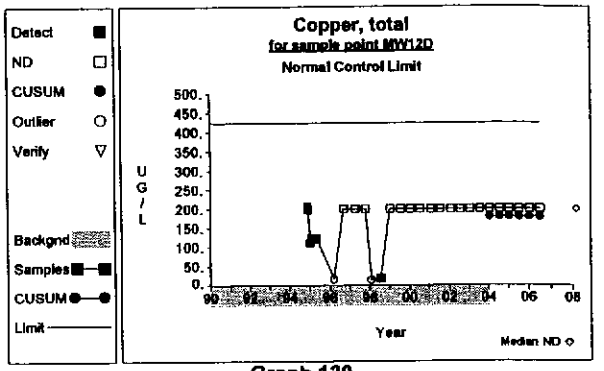

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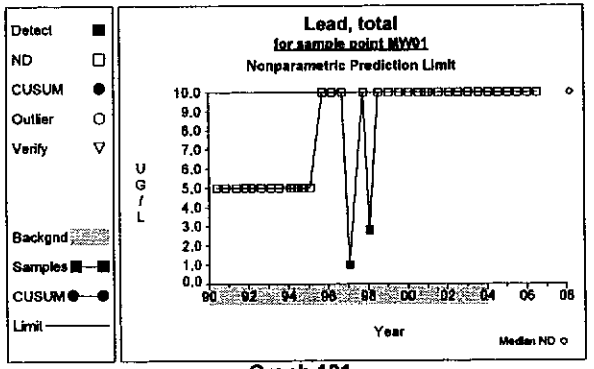

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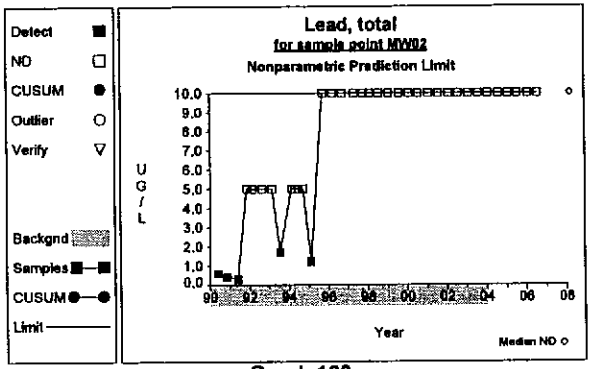

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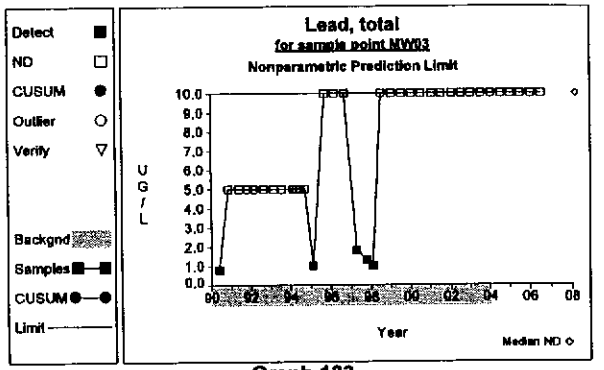

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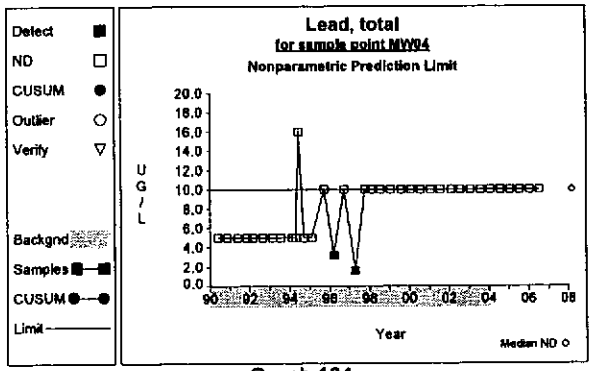
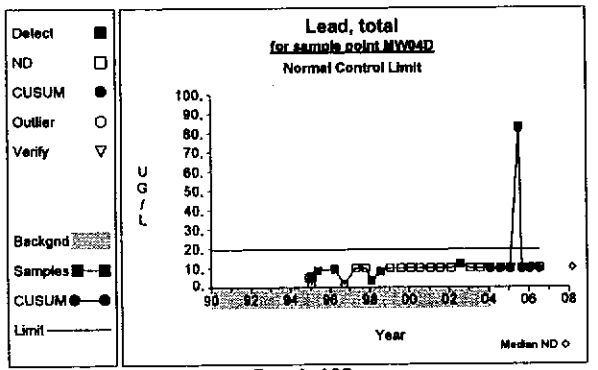


Graph 124



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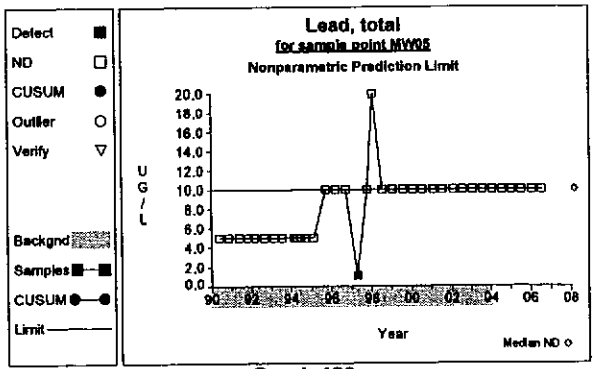

Graph 126

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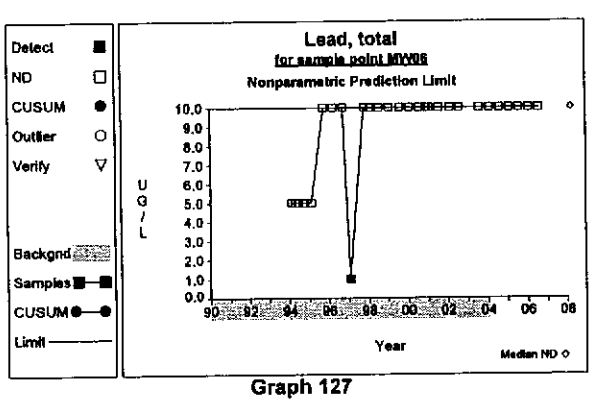

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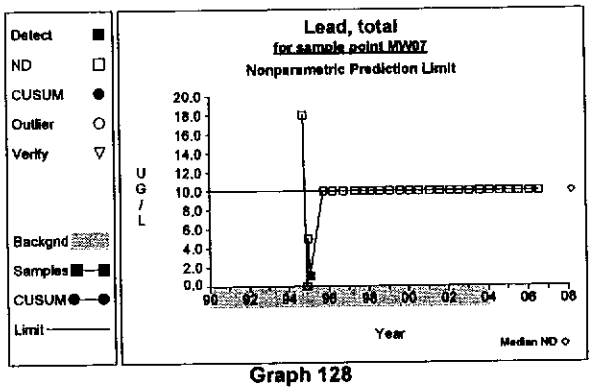
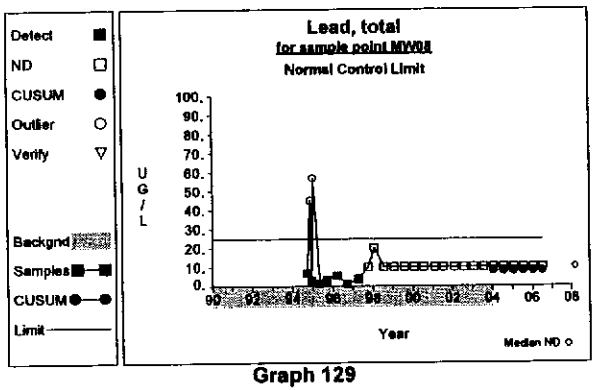


Graph 128



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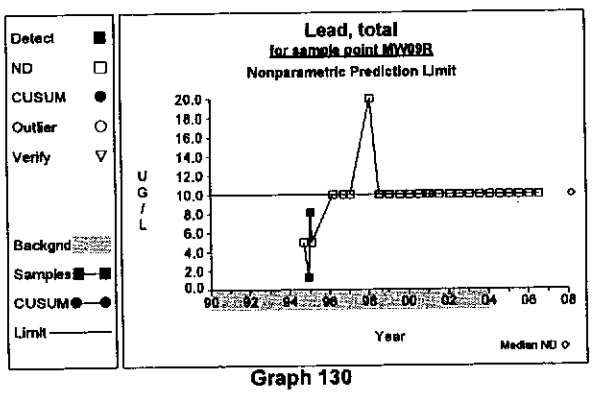

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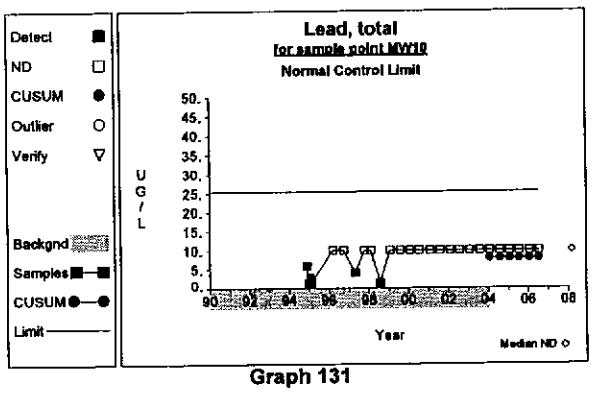

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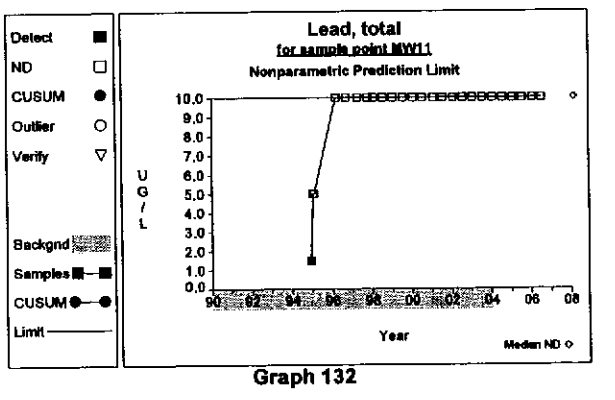

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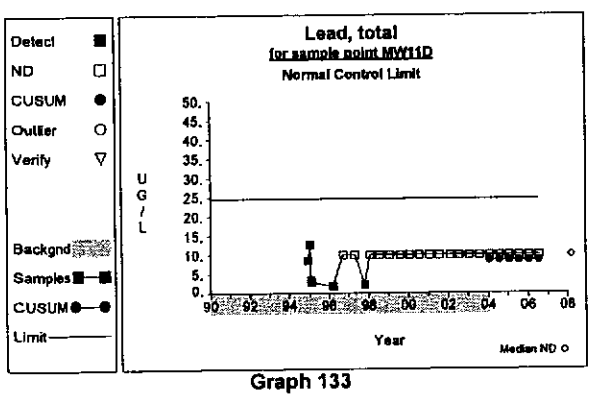

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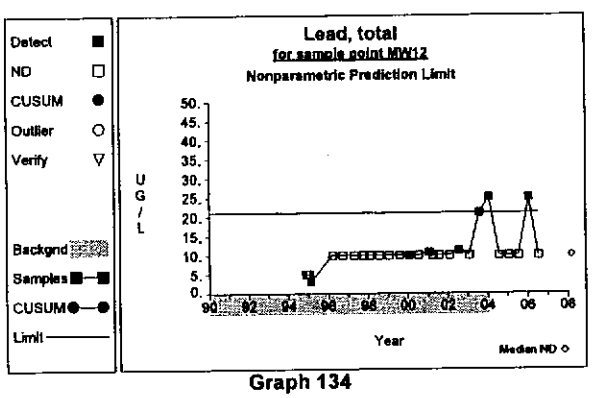

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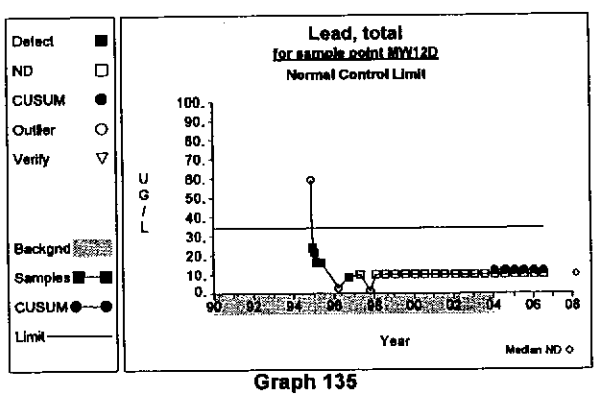

Graph 135

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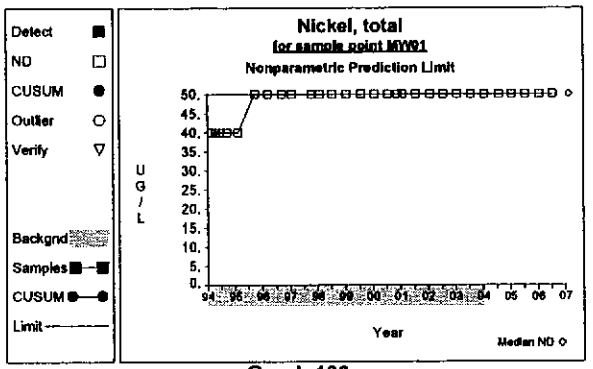
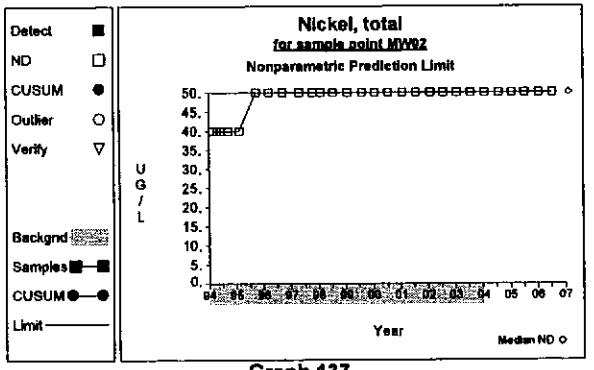
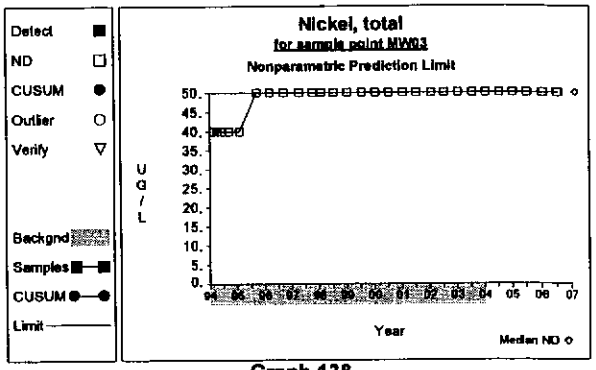


Graph 136



Graph 137



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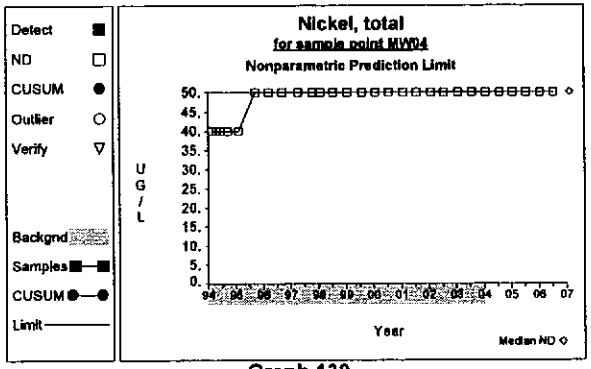
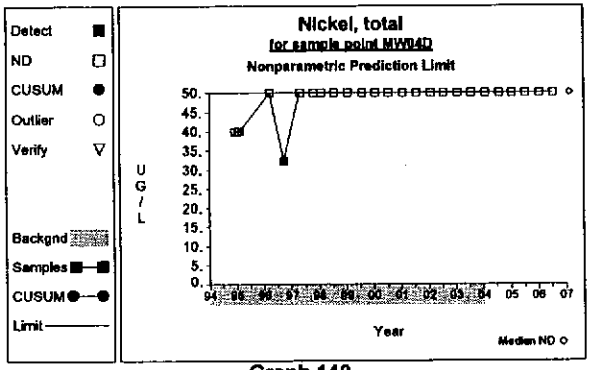
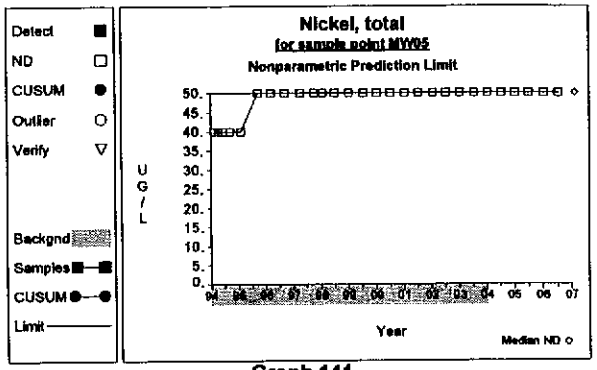


Graph 139



Graph 140



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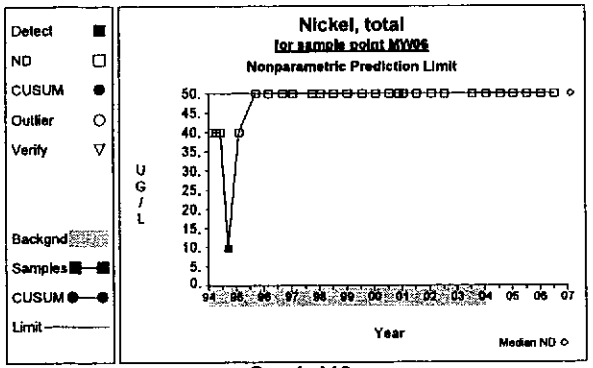

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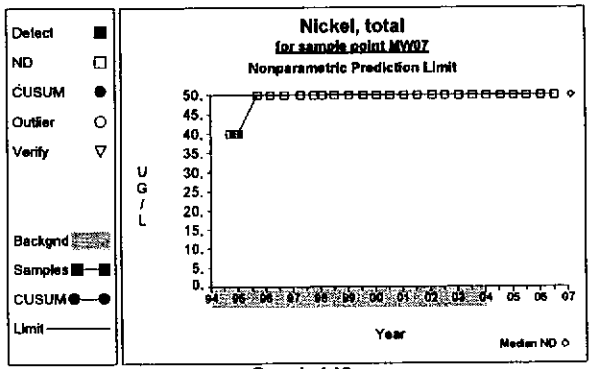

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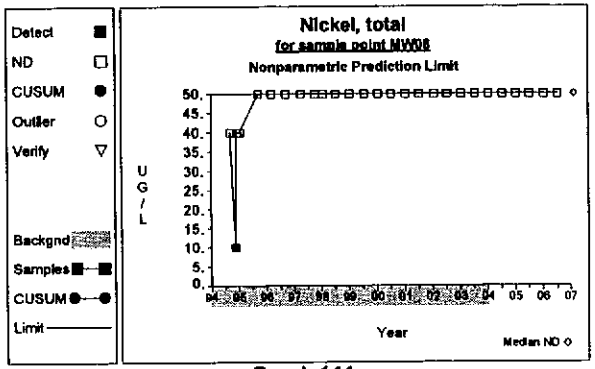

Graph 144

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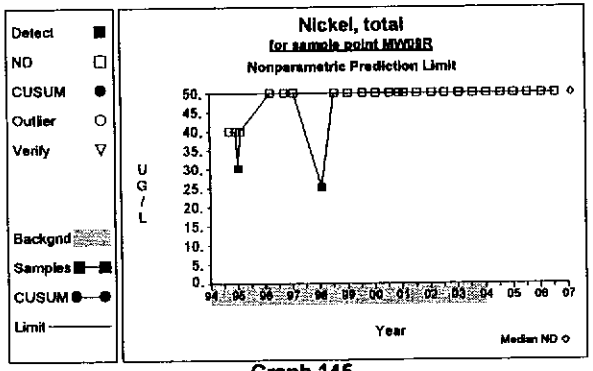
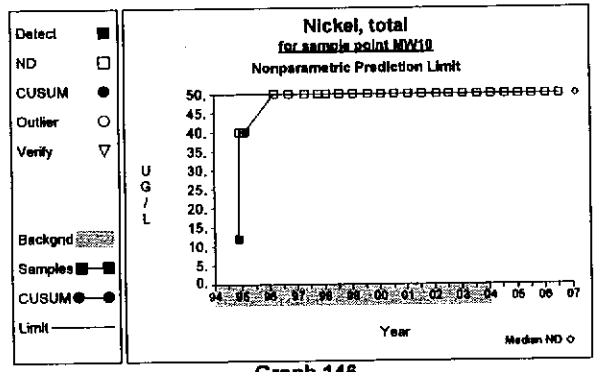
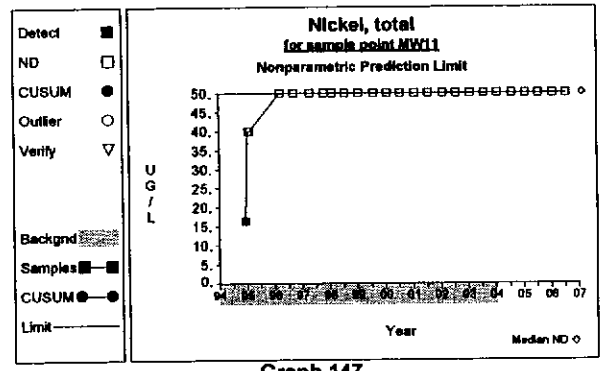


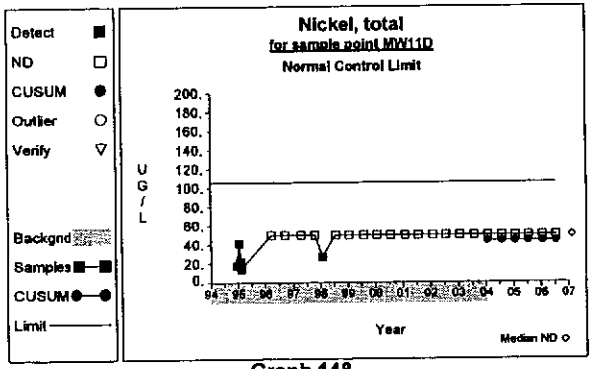
Graph 145



Graph 146



Graph 147



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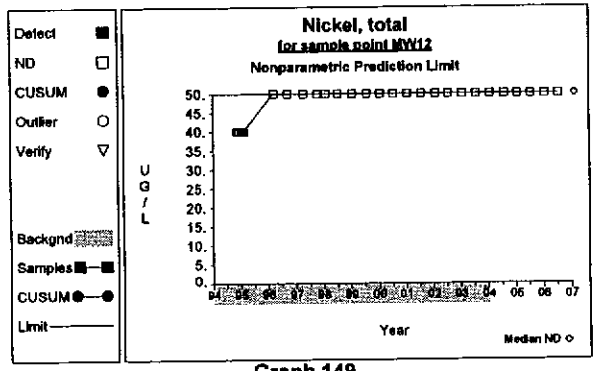

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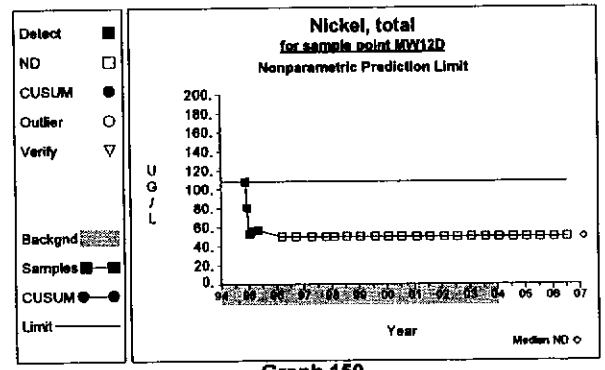

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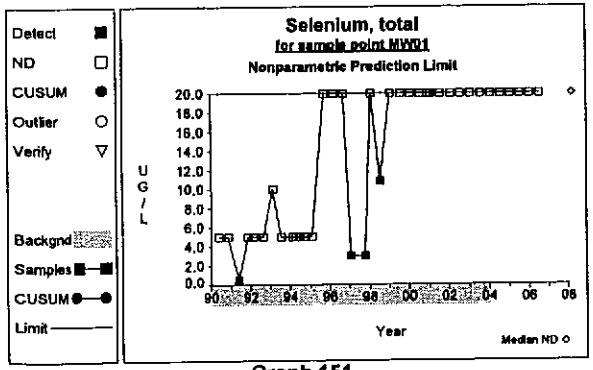

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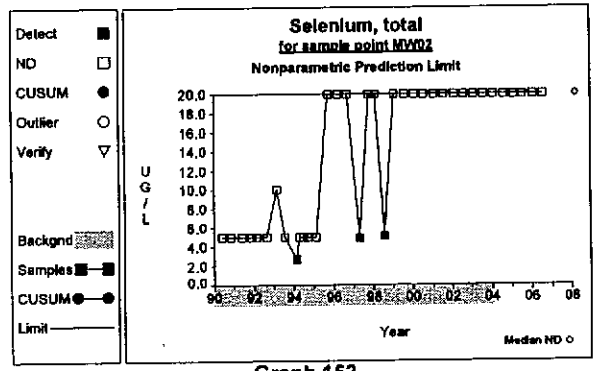

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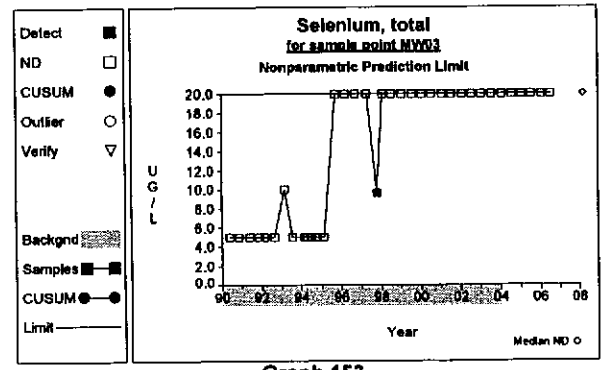

Graph 153

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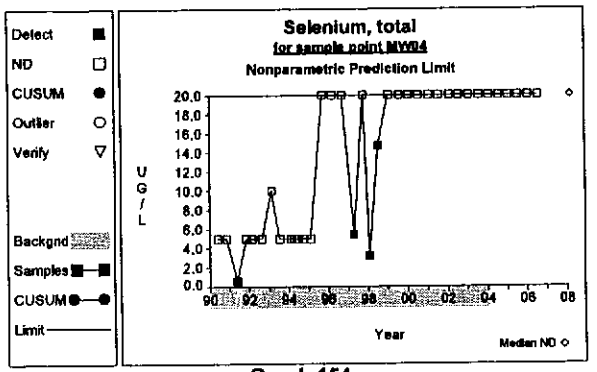

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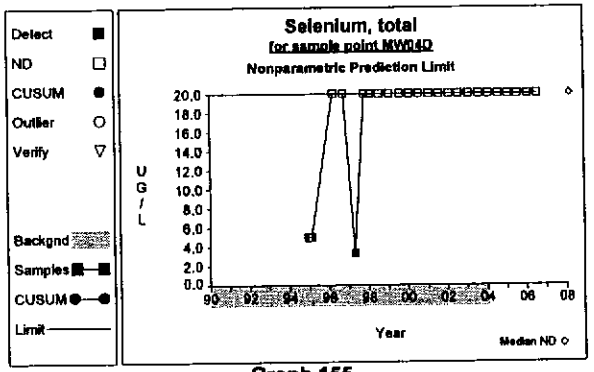

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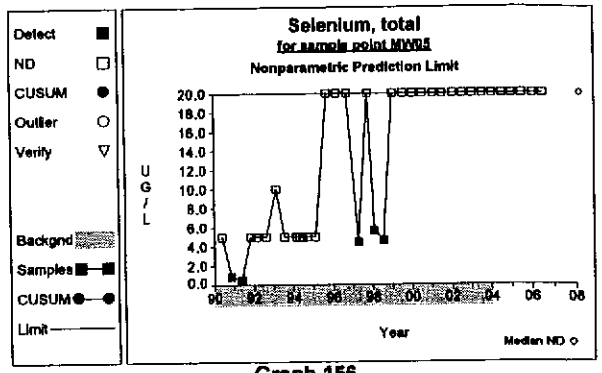

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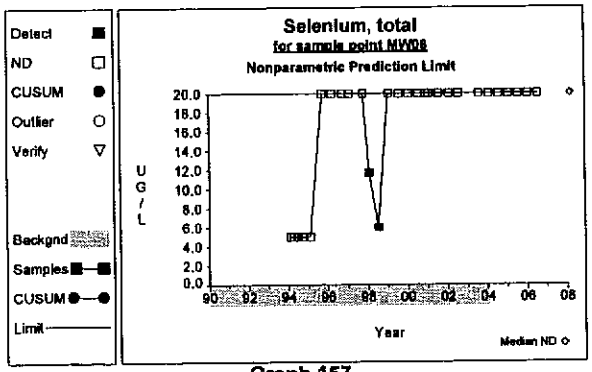

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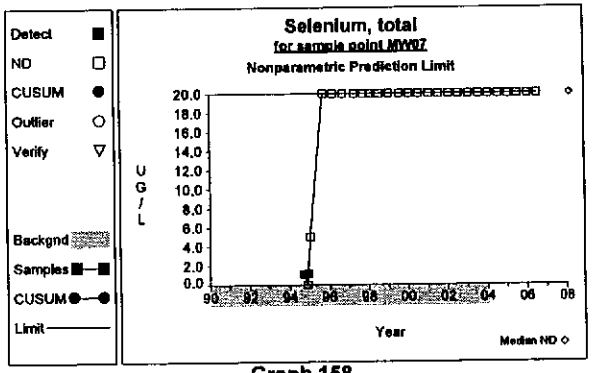

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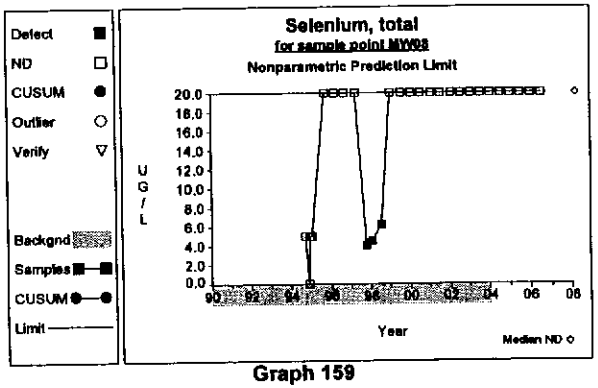

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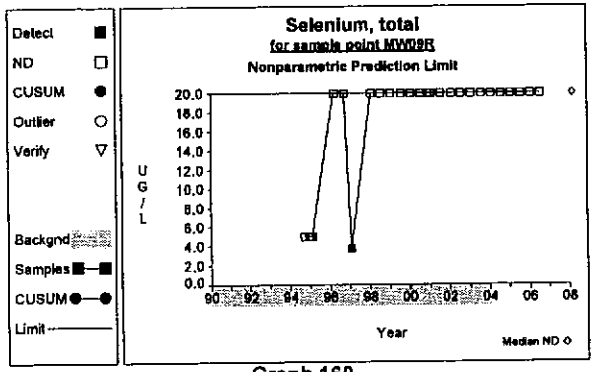

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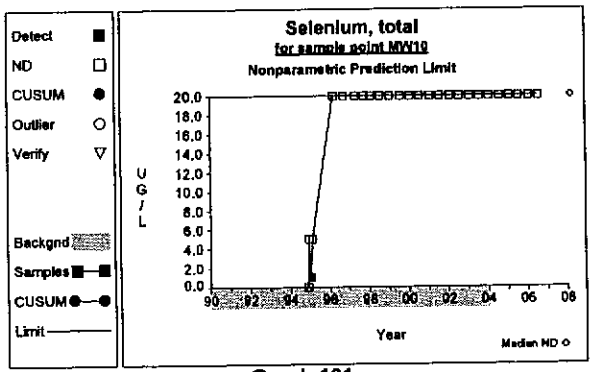
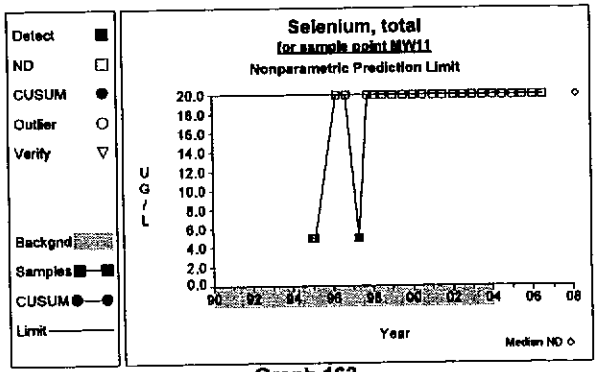


Graph 161



Graph 162

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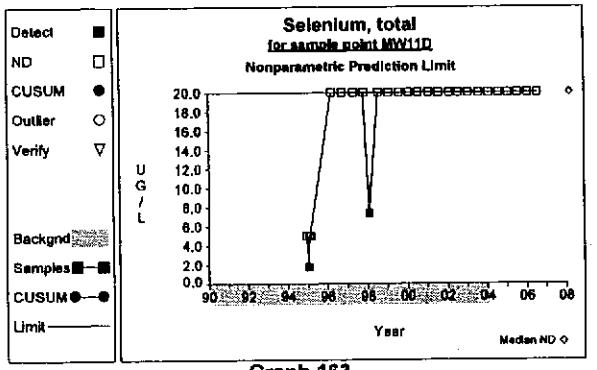

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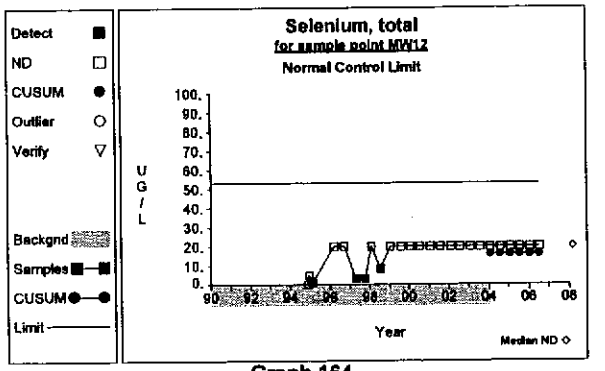

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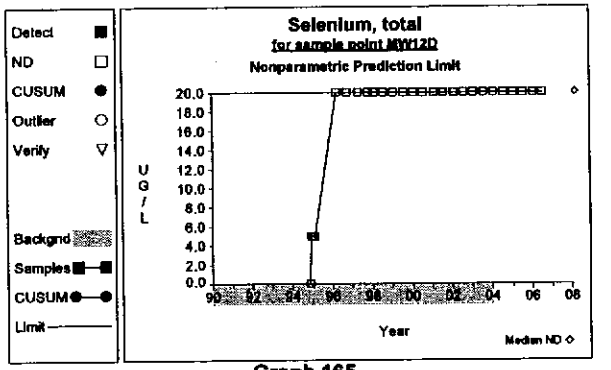

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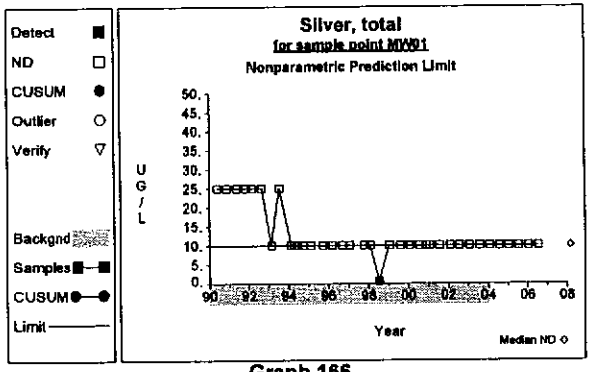
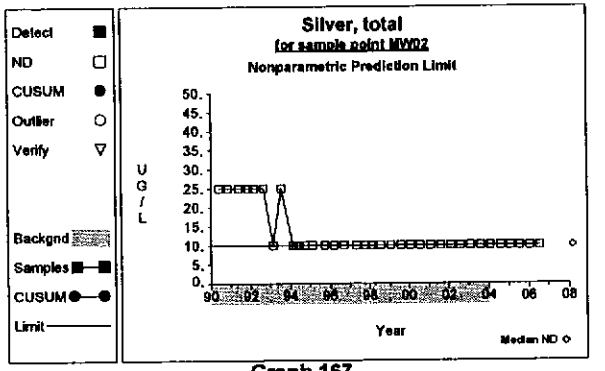


Graph 166



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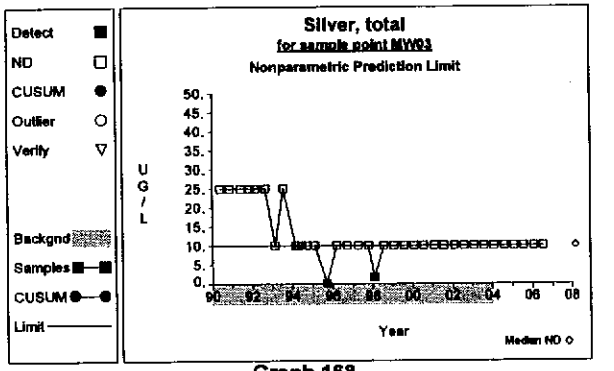

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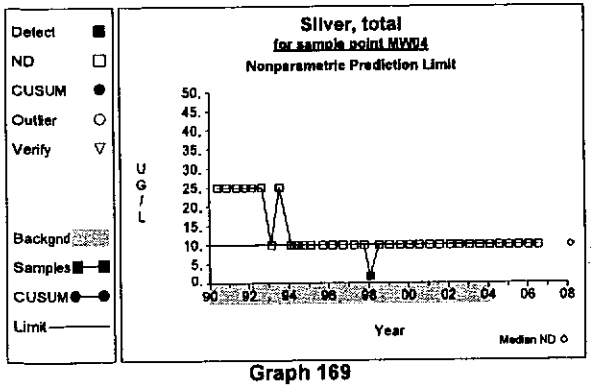

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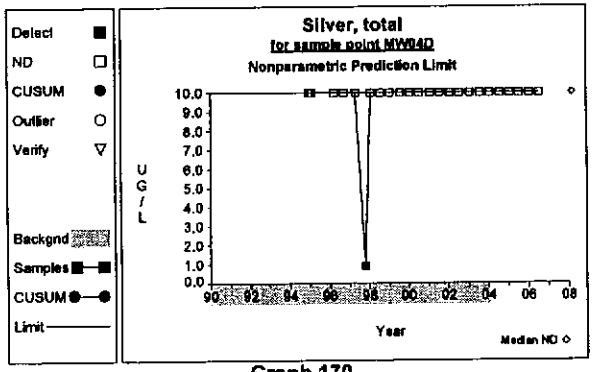

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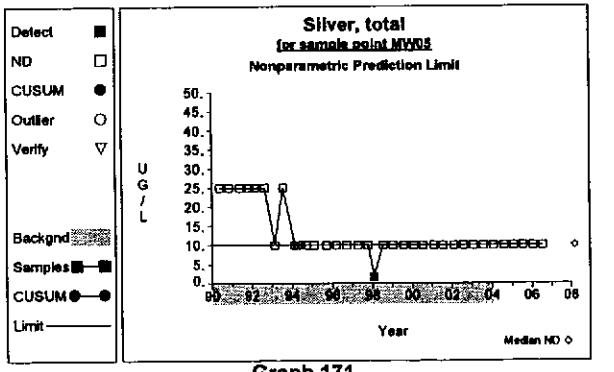

Graph 171

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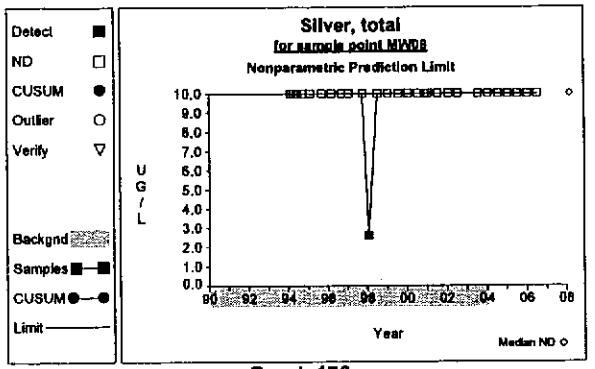
Intra-Well Control Charts



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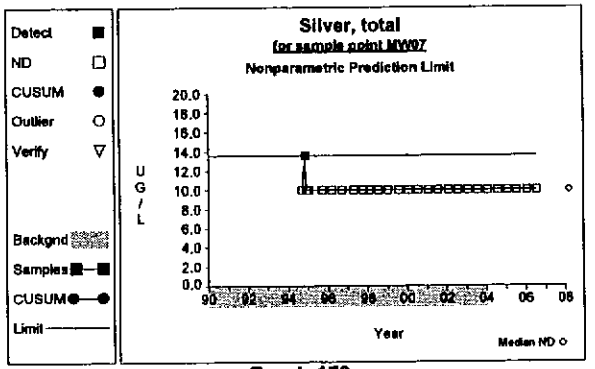

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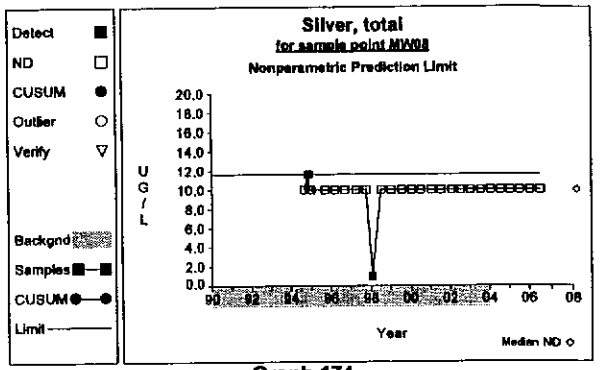

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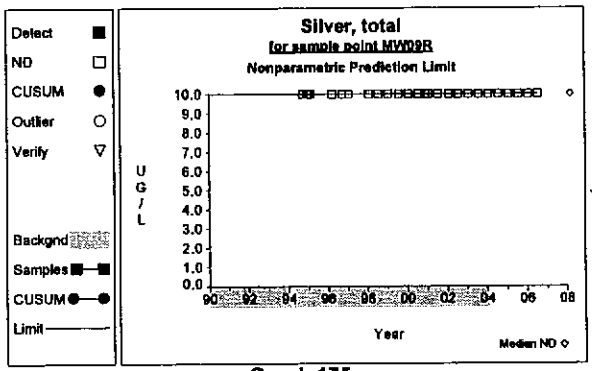

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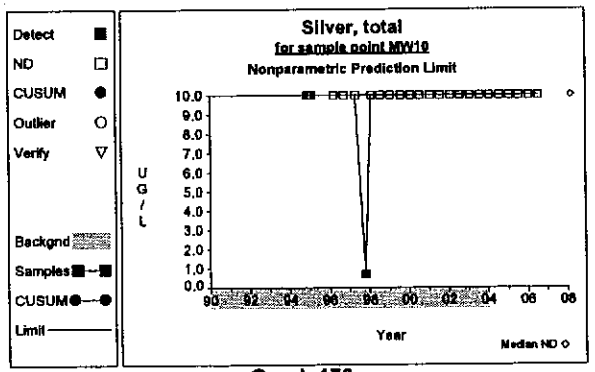

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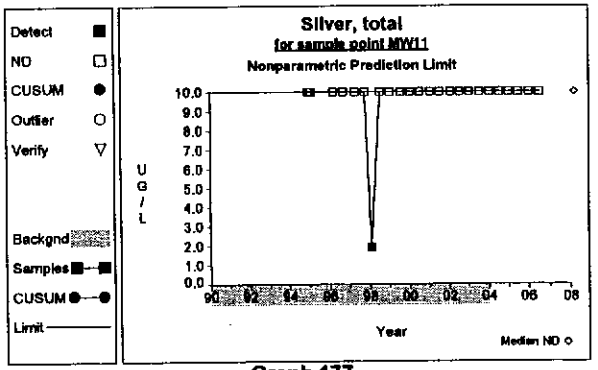

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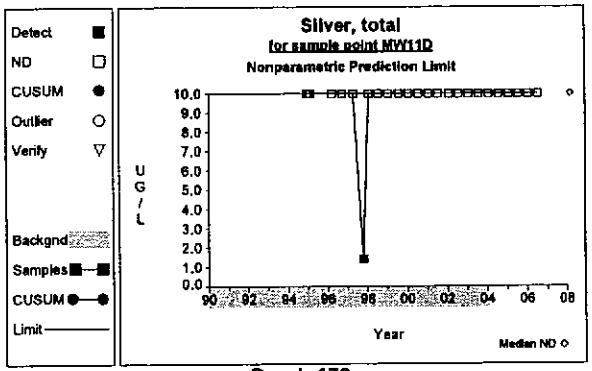

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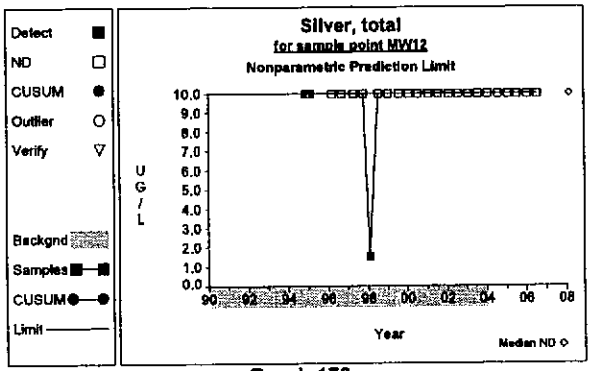

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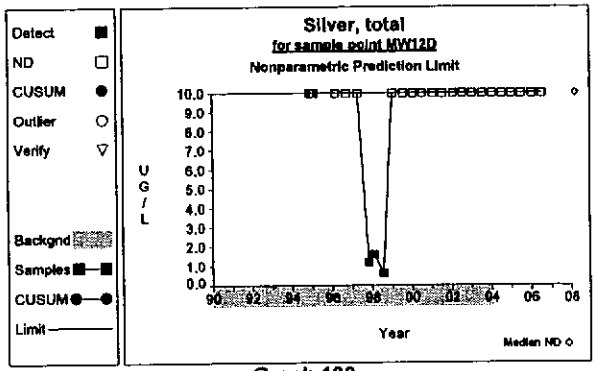

Graph 180

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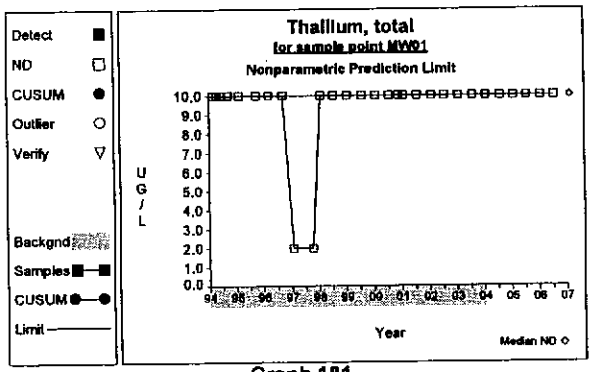
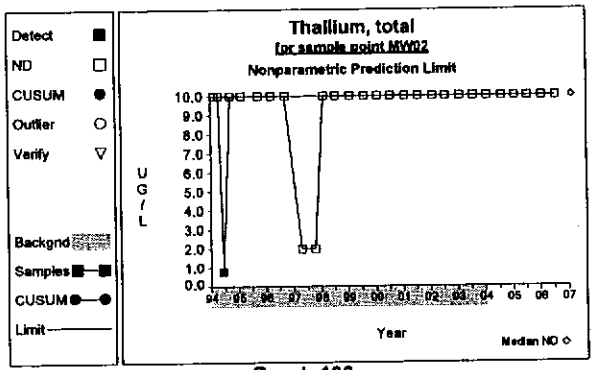


Graph 181



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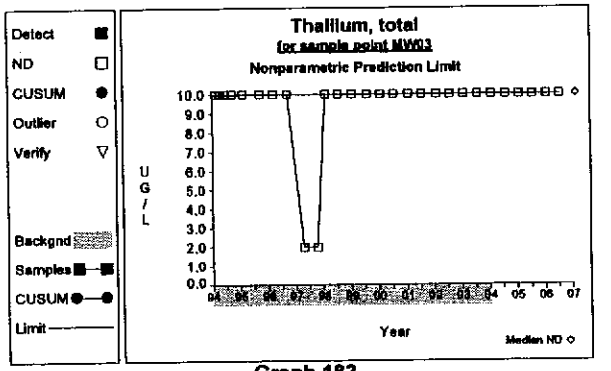

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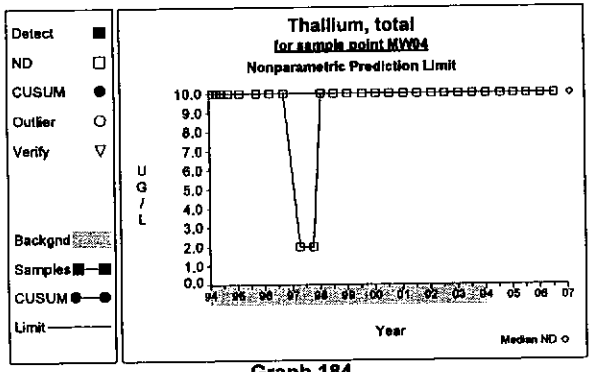

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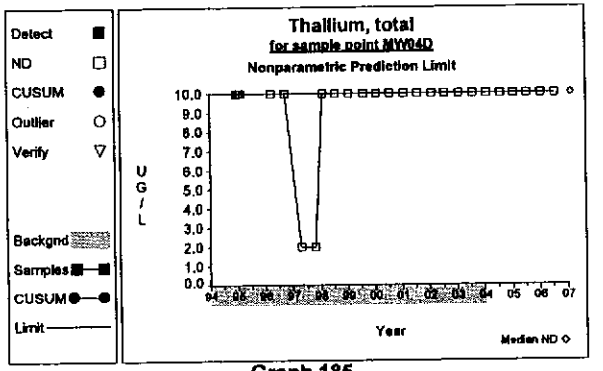

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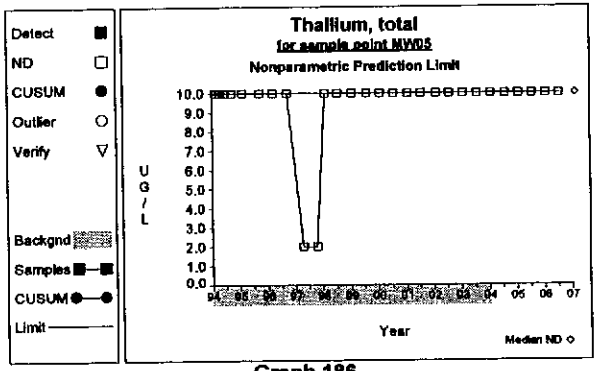

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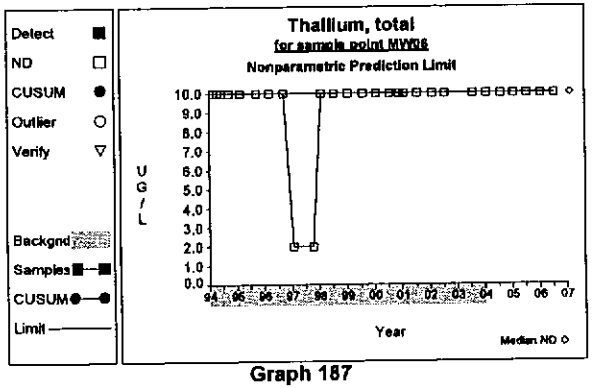

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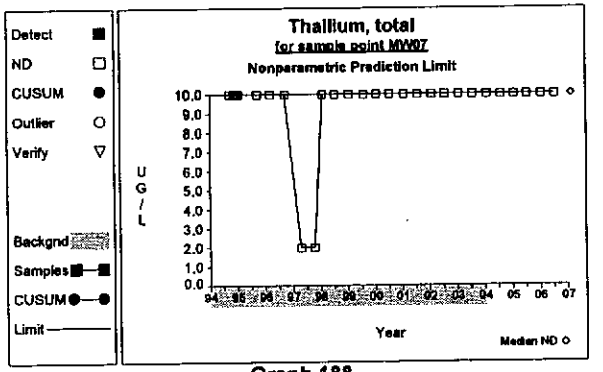
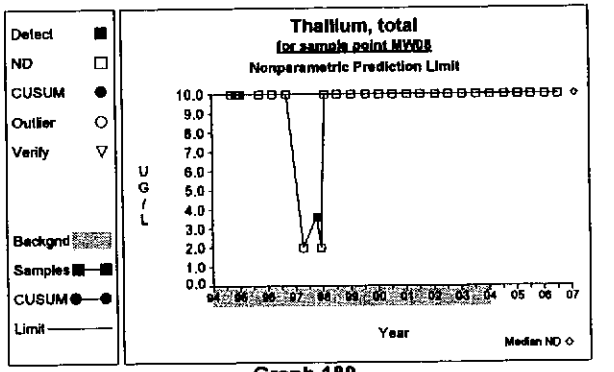


Graph 188



Graph 189

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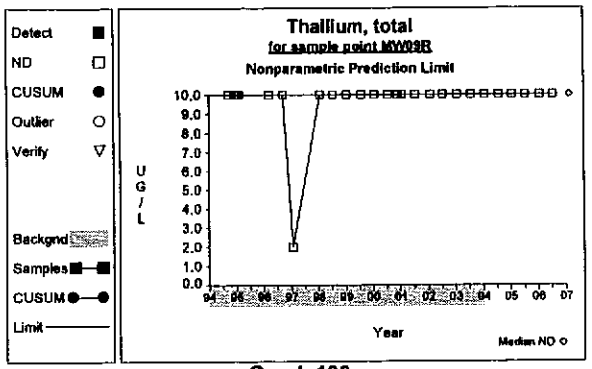
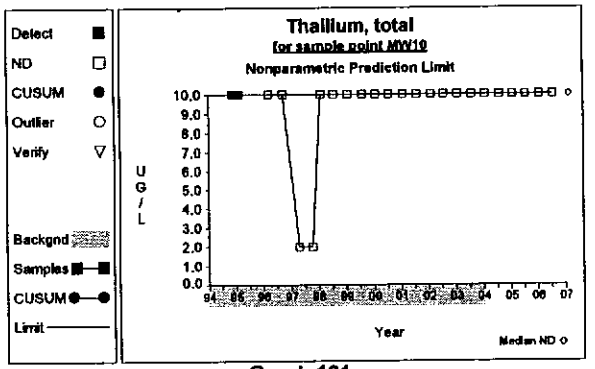
Intra-Well Control Charts



Graph 190



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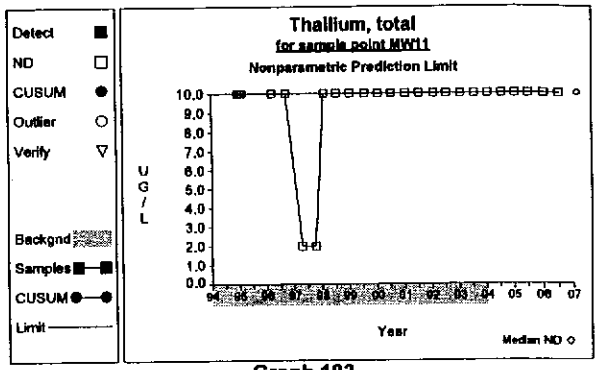
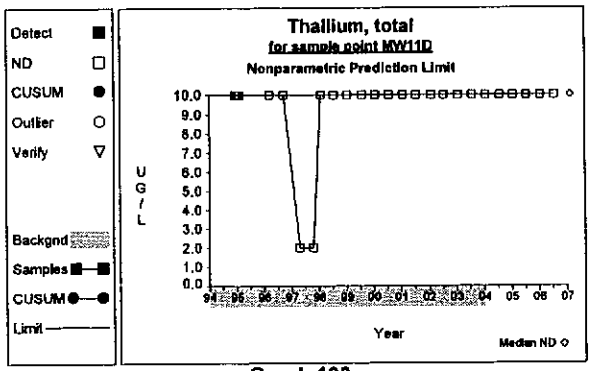


Graph 192



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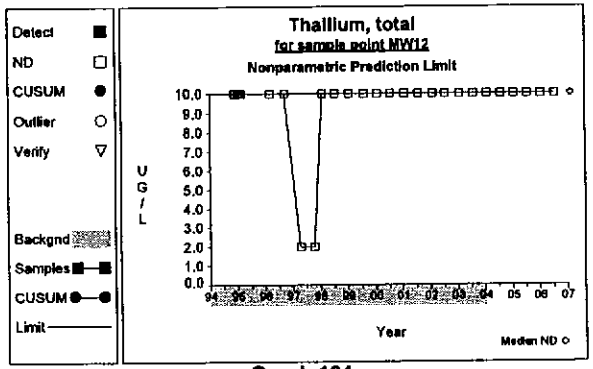

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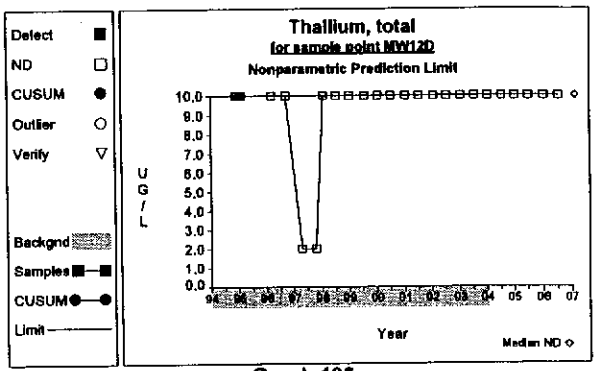

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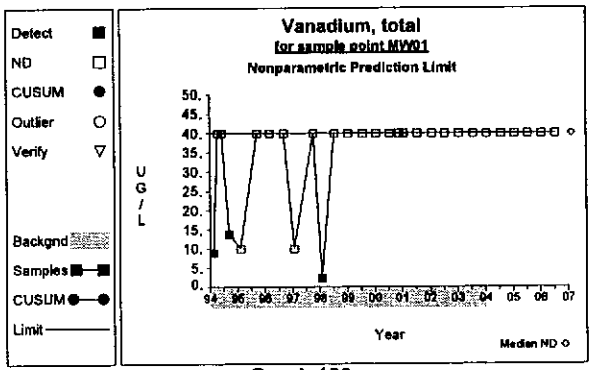

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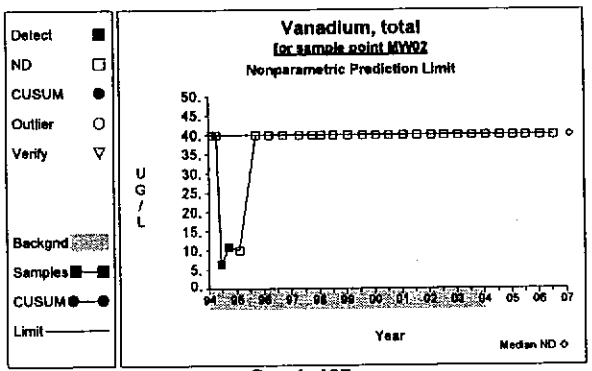

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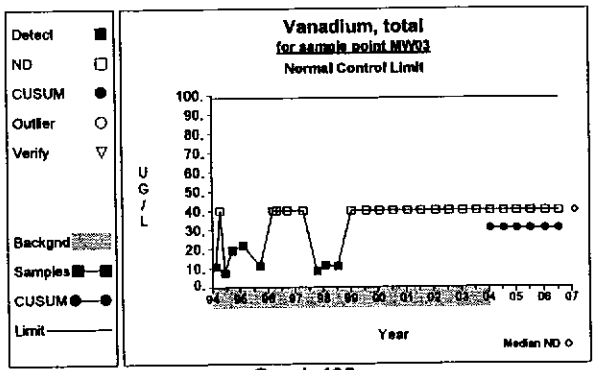

Graph 198

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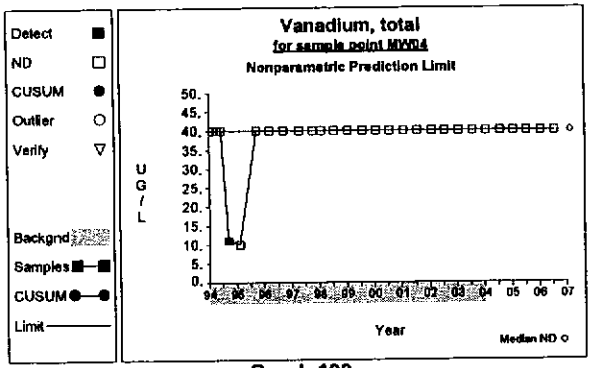

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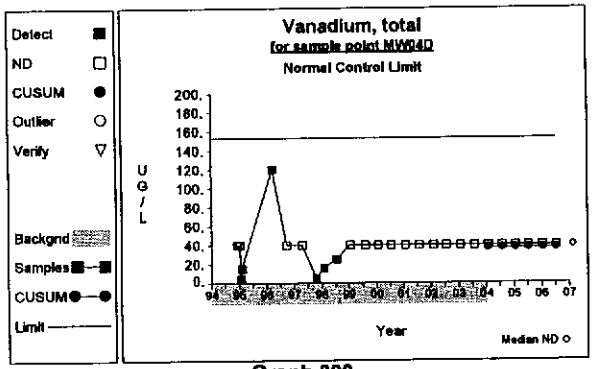
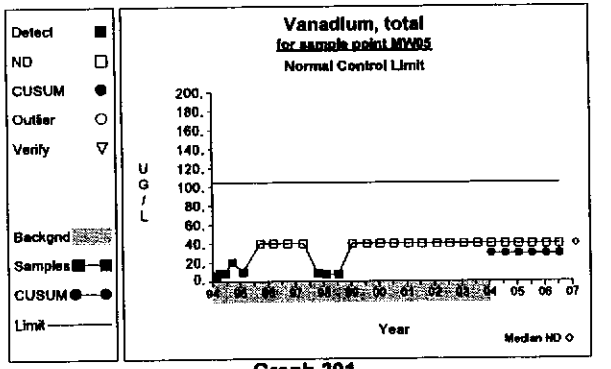


Graph 200



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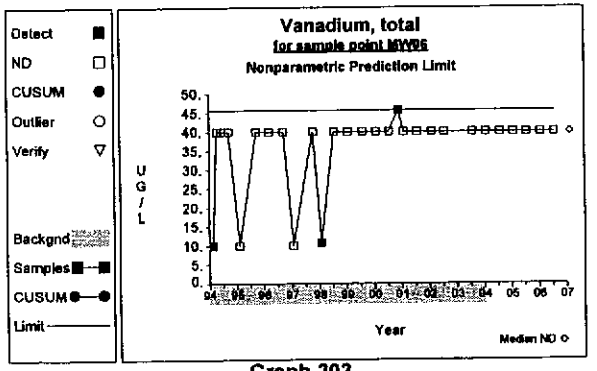

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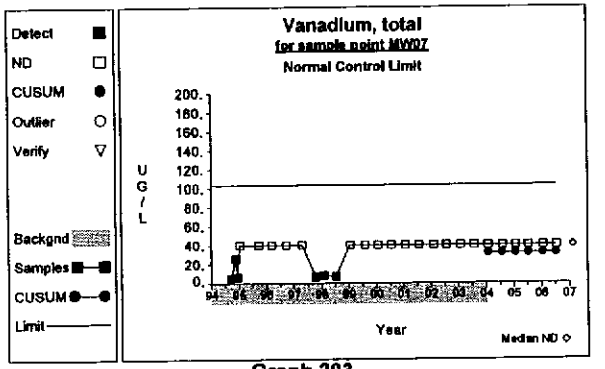

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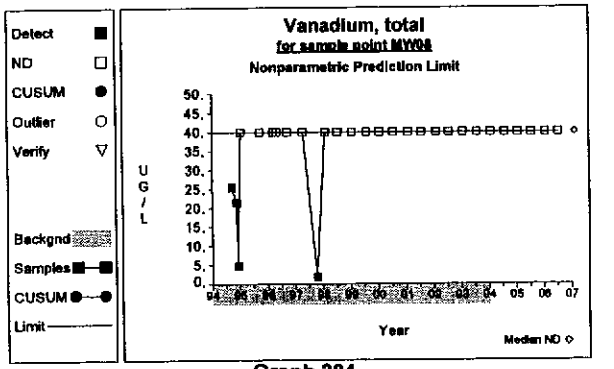
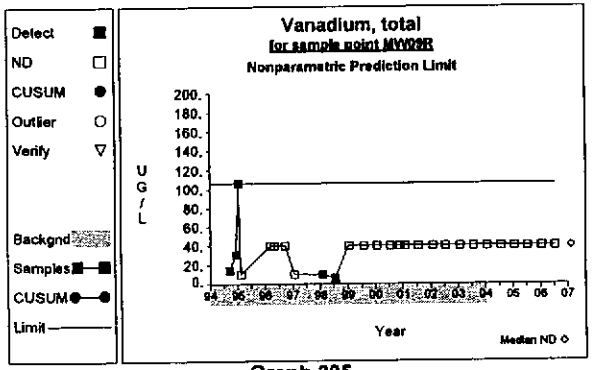
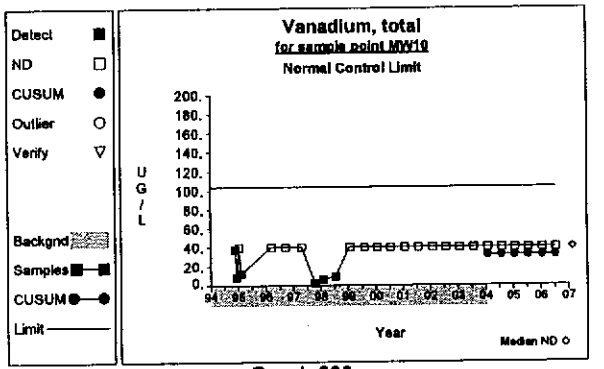


Graph 204



Graph 205



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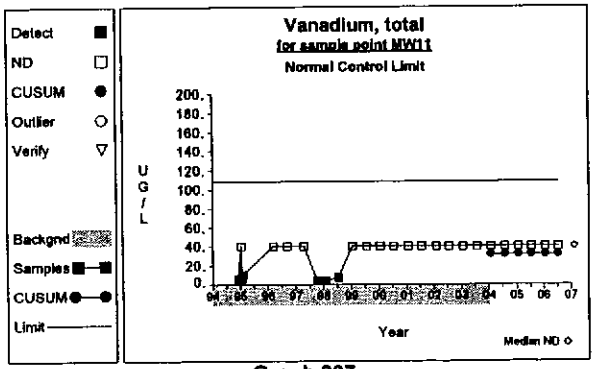


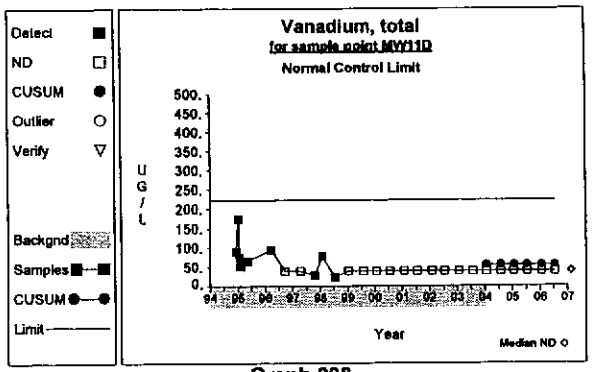
Graph 207

Prepared by: Otter Creek Environmental

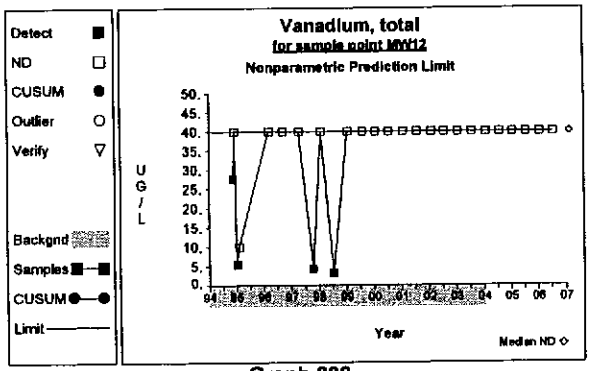
Piedmont [gw]

Analysis prepared on August 2006

Intra-Well Control Charts



Graph 208



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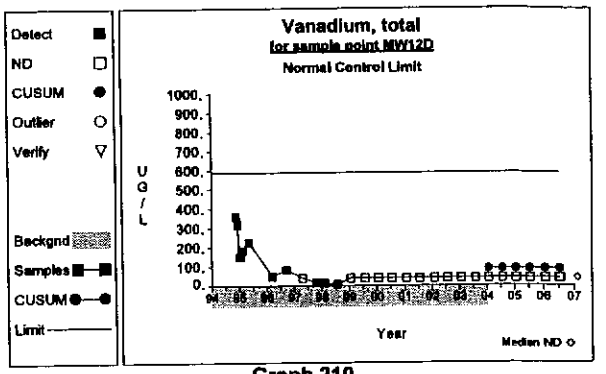
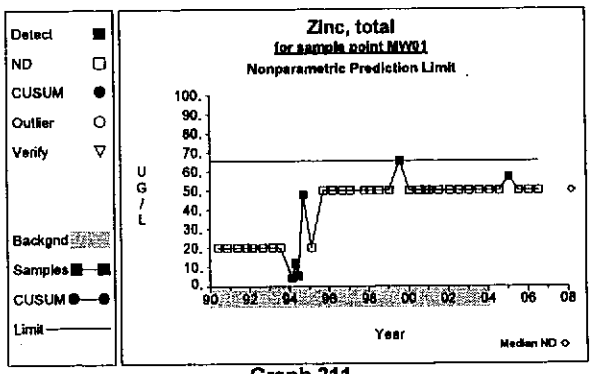


Graph 210



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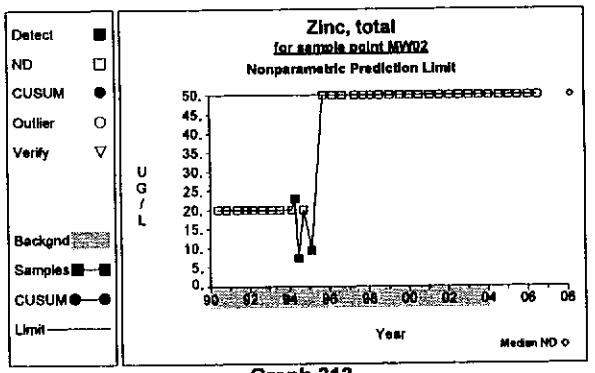
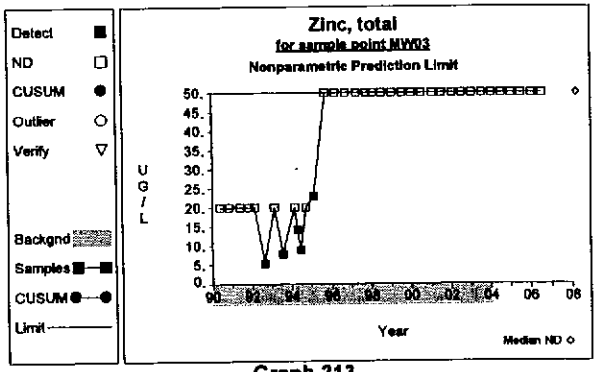


Graph 212



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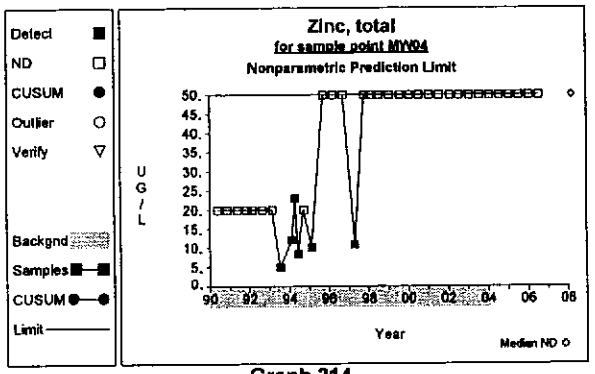
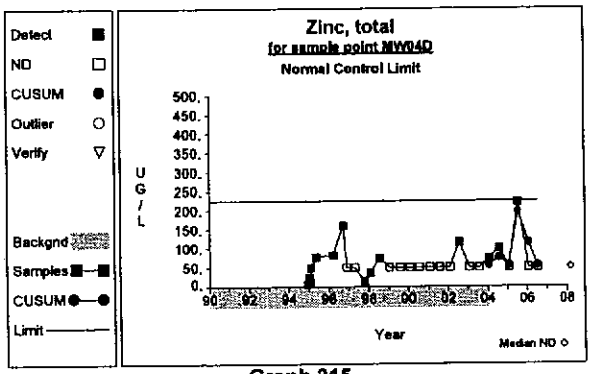


Graph 214



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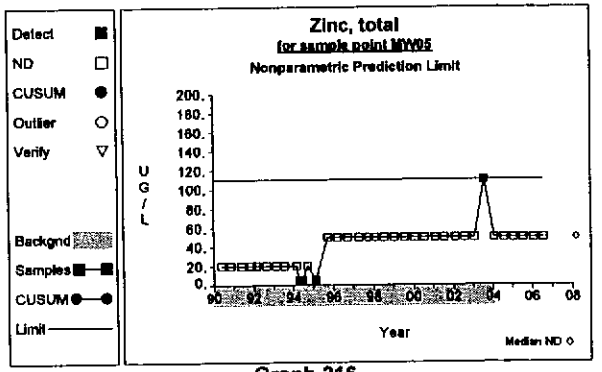


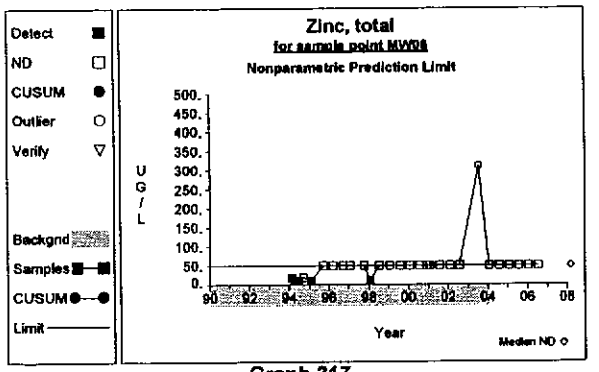
Graph 216

Prepared by: Otter Creek Environmental

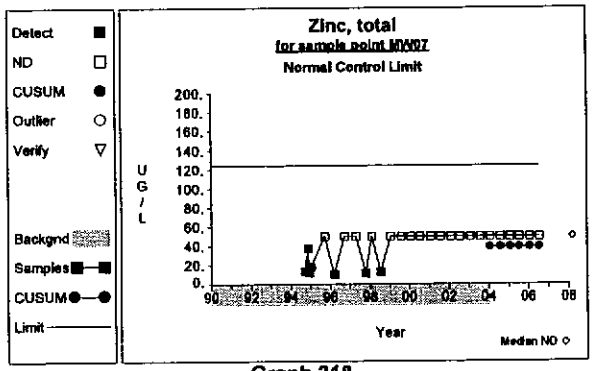
Piedmont [gw]

Analysis prepared on August 2006

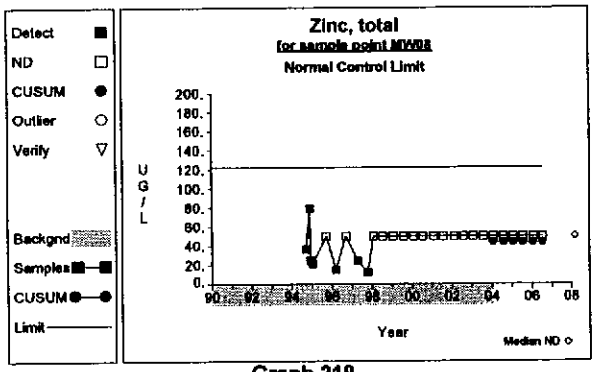
Intra-Well Control Charts



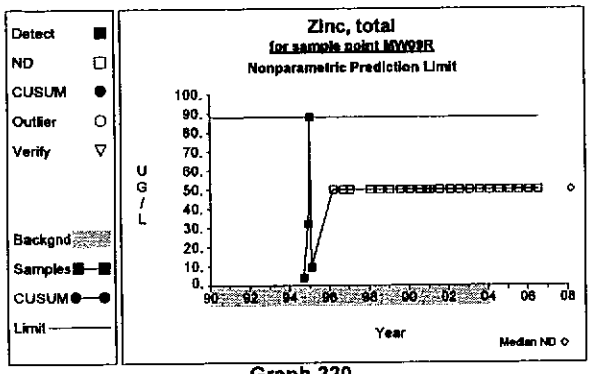
Graph 217



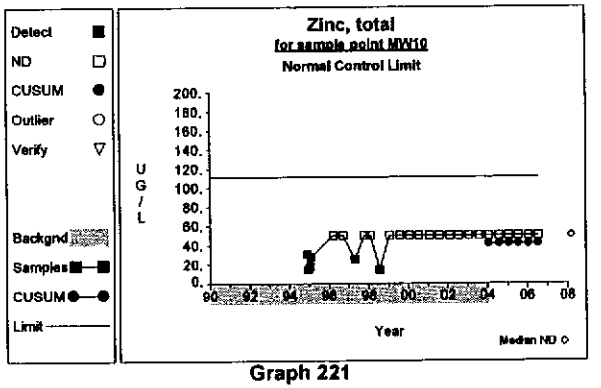
Graph 218



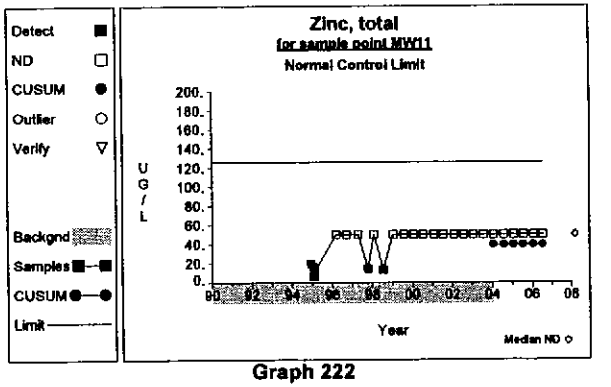
Graph 219



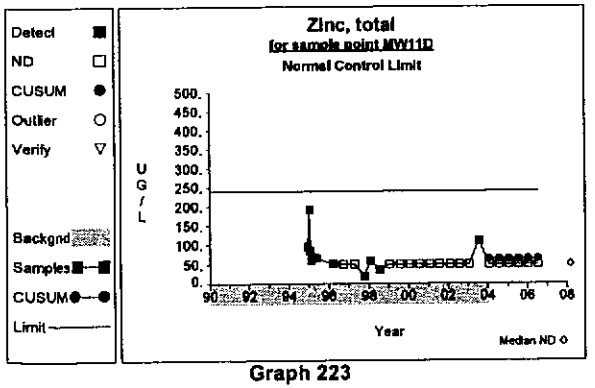
Graph 220



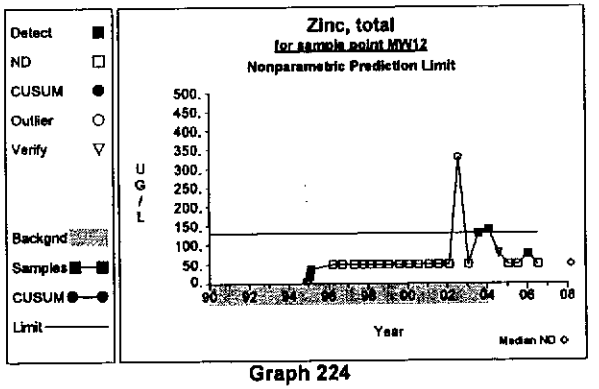
Graph 221



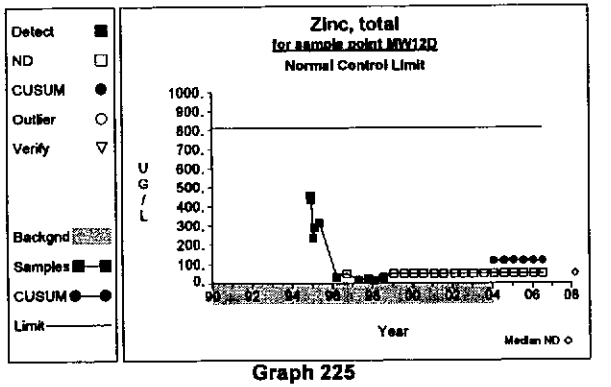
Graph 222



Graph 223



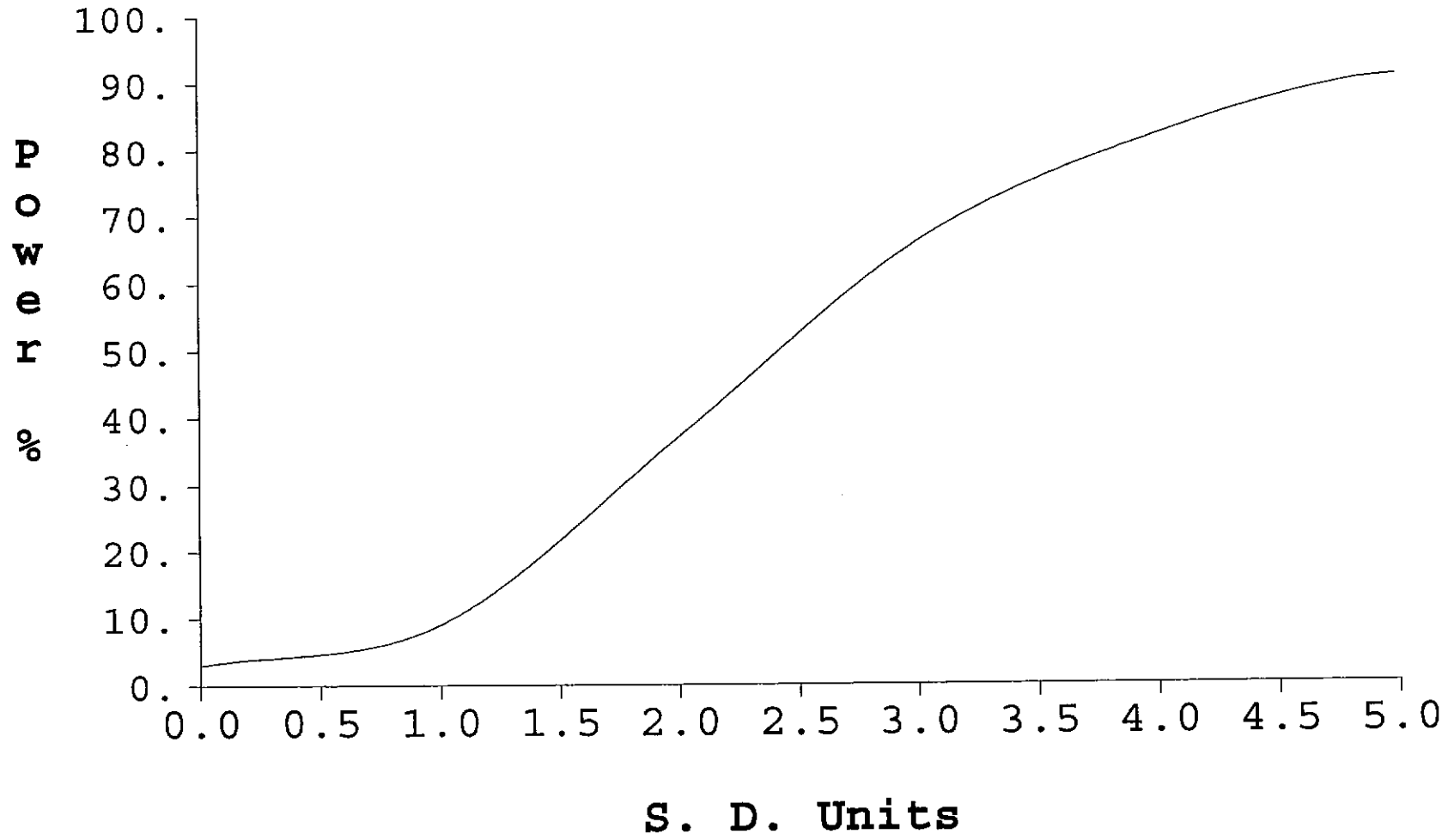
Graph 224



Graph 225

Prepared by: Otter Creek Environmental

False Positive and False Negative Rates for Current Intra-Well Control Charts Monitoring Program



Attachment C

Summary of the VOCs Detected in the Ground Water

Table 1

Historical Volatile Organic Compound Detections

Constituent	Units	Well	Date	Result	Limit
Acetone	UG/L	MW01	9/09/1996	21.0000	100.0000
Heptachlor	UG/L	MW01	1/27/1998	.0200	.0500
1,1-dichloroethene	UG/L	MW02	7/10/1998	.4000	5.0000
Chloroform	UG/L	MW02	2/16/1994	.5000	5.0000
Chloroform	UG/L	MW02	4/11/1994	.5000	5.0000
Chloroform	UG/L	MW02	9/14/1994	.4000	5.0000
Toluene	UG/L	MW02	9/09/1996	.2000	5.0000
Benzene	UG/L	MW04D	1/10/1995	.2000	5.0000
Chloromethane	UG/L	MW04D	12/07/1994	.5000	10.0000
Toluene	UG/L	MW04D	12/07/1994	.2000	5.0000
Toluene	UG/L	MW04D	1/10/1995	.3000	5.0000
Bis(2-ethylhexyl) phthalate	UG/L	MW06	1/27/1998	4.0000	20.0000
Benzene	UG/L	MW07	11/17/1994	.2000	5.0000
Chloromethane	UG/L	MW07	3/05/1996	.6000	10.0000
Benzene	UG/L	MW08	11/17/1994	.2000	5.0000
1,1,1-trichloroethane	UG/L	MW09R	6/05/1997	.2000	5.0000
1,1,1-trichloroethane	UG/L	MW09R	10/16/1997	.2000	5.0000
1,1-dichloroethane	UG/L	MW09R	3/11/1996	1.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	9/17/1996	3.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	1/22/1997	9.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	6/05/1997	7.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	10/16/1997	8.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	1/27/1998	8.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	7/14/1998	2.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	1/20/2000	23.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	2/16/2000	24.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	7/12/2000	20.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	11/21/2000	26.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	1/24/2001	28.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	7/18/2001	19.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	1/31/2002	21.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	7/18/2002	24.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	1/21/2003	7.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	7/24/2003	14.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	1/22/2004	22.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	7/27/2004	20.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	1/19/2005	16.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	7/12/2005	18.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	1/18/2006	12.0000	5.0000
1,1-dichloroethane	UG/L	MW09R	7/12/2006	11.0000	5.0000
1,2-dichloroethane	UG/L	MW09R	3/11/1996	.2000	5.0000
3-methylphenol	UG/L	MW09R	1/22/1997	2.0000	10.0000
4-methylphenol	UG/L	MW09R	1/22/1997	2.0000	10.0000
Acetone	UG/L	MW09R	3/11/1996	66.0000	100.0000
Acetone	UG/L	MW09R	4/29/1996	35.0000	34.0000
Acetone	UG/L	MW09R	9/17/1996	12.0000	100.0000
Acetone	UG/L	MW09R	6/05/1997	6.0000	100.0000
Benzene	UG/L	MW09R	3/11/1996	5.0000	5.0000
Benzene	UG/L	MW09R	4/29/1996	3.0000	5.0000
Benzene	UG/L	MW09R	9/17/1996	.9000	5.0000
Benzene	UG/L	MW09R	1/22/1997	2.0000	5.0000
Benzene	UG/L	MW09R	6/05/1997	1.0000	5.0000
Benzene	UG/L	MW09R	10/16/1997	.9000	5.0000
Bis(2-ethylhexyl) phthalate	UG/L	MW09R	1/22/1997	3.0000	50.0000
Bis(2-ethylhexyl) phthalate	UG/L	MW09R	1/27/1998	9.0000	20.0000
Carbon disulfide	UG/L	MW09R	3/11/1996	.2000	100.0000
Carbon disulfide	UG/L	MW09R	9/17/1996	.3000	100.0000
Chloroethane	UG/L	MW09R	9/14/1994	1.0000	10.0000
Chloroethane	UG/L	MW09R	12/06/1994	1.0000	10.0000
Chloroethane	UG/L	MW09R	1/10/1995	2.0000	10.0000
Chloroethane	UG/L	MW09R	3/11/1996	7.0000	10.0000
Chloroethane	UG/L	MW09R	9/17/1996	25.0000	10.0000
Chloroethane	UG/L	MW09R	11/18/1996	27.0000	10.0000
Chloroethane	UG/L	MW09R	1/22/1997	32.0000	10.0000
Chloroethane	UG/L	MW09R	6/05/1997	16.0000	10.0000
Chloroethane	UG/L	MW09R	10/16/1997	14.0000	10.0000
Chloroethane	UG/L	MW09R	1/27/1998	8.0000	10.0000
Chloroethane	UG/L	MW09R	7/14/1998	.5000	10.0000
Cis-1,2-dichloroethene	UG/L	MW09R	9/17/1996	2.0000	5.0000
Cis-1,2-dichloroethene	UG/L	MW09R	1/22/1997	3.0000	5.0000
Cis-1,2-dichloroethene	UG/L	MW09R	6/05/1997	2.0000	5.0000
Cis-1,2-dichloroethene	UG/L	MW09R	10/16/1997	2.0000	5.0000
Cis-1,2-dichloroethene	UG/L	MW09R	1/27/1998	1.0000	5.0000
Cis-1,2-dichloroethene	UG/L	MW09R	7/18/2002	6.5000	5.0000
Cis-1,2-dichloroethene	UG/L	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	MW09R	7/24/2003	7.5000	5.0000
Cis-1,2-dichloroethene	UG/L	MW09R	1/22/2004	12.0000	5.0000
Cis-1,2-dichloroethene	UG/L	MW09R	7/27/2004	12.0000	5.0000
Cis-1,2-dichloroethene	UG/L	MW09R	1/19/2005	11.0000	5.0000
Cis-1,2-dichloroethene	UG/L	MW09R	7/12/2005	11.0000	5.0000
Cis-1,2-dichloroethene	UG/L	MW09R	1/18/2006	8.4000	5.0000
Cis-1,2-dichloroethene	UG/L	MW09R	7/12/2006	6.5000	5.0000
Dichlorodifluoromethane	UG/L	MW09R	1/22/1997	2.0000	10.0000
Dichlorodifluoromethane	UG/L	MW09R	1/27/1998	.7000	5.0000
Ethane	UG/L	MW09R	11/21/2000	.9600	.5000
Isobutyl alcohol	UG/L	MW09R	1/22/1997	30.0000	50.0000
Methane	UG/L	MW09R	11/21/2000	720.0000	.5000
Methane	UG/L	MW09R	11/21/2000	4100.0000	100.0000
Methyl ethyl ketone	UG/L	MW09R	3/11/1996	10.0000	100.0000
Methylene chloride	UG/L	MW09R	3/11/1996	.5000	10.0000
Methylene chloride	UG/L	MW09R	9/17/1996	2.0000	10.0000
Methylene chloride	UG/L	MW09R	1/22/1997	6.0000	10.0000
Methylene chloride	UG/L	MW09R	6/05/1997	3.0000	10.0000
Methylene chloride	UG/L	MW09R	10/16/1997	5.0000	10.0000
Methylene chloride	UG/L	MW09R	1/27/1998	4.0000	10.0000
Methylene chloride	UG/L	MW09R	7/14/1998	.3000	10.0000
Tetrachloroethene	UG/L	MW09R	3/11/1996	1.0000	5.0000
Tetrachloroethene	UG/L	MW09R	9/17/1996	.5000	5.0000
Tetrachloroethene	UG/L	MW09R	1/22/1997	1.0000	5.0000
Tetrachloroethene	UG/L	MW09R	6/05/1997	1.0000	5.0000
Tetrachloroethene	UG/L	MW09R	10/16/1997	1.0000	5.0000
Tetrachloroethene	UG/L	MW09R	1/27/1998	.6000	5.0000
Tetrachloroethene	UG/L	MW09R	7/14/1998	.3000	5.0000
Toluene	UG/L	MW09R	9/17/1996	.6000	5.0000
Toluene	UG/L	MW09R	1/22/1997	2.0000	5.0000
Toluene	UG/L	MW09R	6/05/1997	4.0000	5.0000
Total xylenes	UG/L	MW09R	9/17/1996	1.0000	5.0000
Total xylenes	UG/L	MW09R	1/22/1997	2.0000	5.0000
Trichloroethene	UG/L	MW09R	3/11/1996	.5000	5.0000
Trichloroethene	UG/L	MW09R	9/17/1996	1.0000	5.0000
Trichloroethene	UG/L	MW09R	1/22/1997	2.0000	5.0000
Trichloroethene	UG/L	MW09R	6/05/1997	1.0000	5.0000
Trichloroethene	UG/L	MW09R	10/16/1997	2.0000	5.0000
Trichloroethene	UG/L	MW09R	1/27/1998	2.0000	5.0000
Trichloroethene	UG/L	MW09R	7/14/1998	.2000	5.0000
Vinyl chloride	UG/L	MW09R	3/11/1996	.5000	10.0000
Vinyl chloride	UG/L	MW09R	9/17/1996	1.0000	10.0000
Vinyl chloride	UG/L	MW09R	1/22/1997	2.0000	10.0000
Vinyl chloride	UG/L	MW09R	6/05/1997	1.0000	10.0000
Vinyl chloride	UG/L	MW09R	10/16/1997	1.0000	10.0000
Vinyl chloride	UG/L	MW09R	1/27/1998	.6000	10.0000
Chloromethane	UG/L	MW10	3/05/1996	.8000	10.0000
Acetone	UG/L	MW11	3/11/1996	8.0000	100.0000
Acetone	UG/L	MW11D	12/07/1994	110.0000	34.0000
Chloromethane	UG/L	MW12D	11/18/1994	.9000	10.0000
Chloromethane	UG/L	MW12D	12/06/1994	.6000	10.0000
Methylene chloride	UG/L	MW12D	7/16/1998	.2000	10.0000

Detections are shown for constituents selected in the VOC list and all selected wells
The Limit column refers to the laboratory reporting limit

APPENDIX 3

GROUNDWATER [illegible]

Piedmont Landfill & Recycling Center

Appendix 3: Groundwater Flow Regime Report - July 2006

On behalf of Waste Management we have reviewed groundwater flow rates and flow directions at the Piedmont Landfill for the July 2006 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 July 10-12, 2006. 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" in the following equation) ranged from 0.023 ft/ft to 0.026 ft/ft. These gradients are generally consistent with past interpretations for the site.

An effective porosity value ("n" in the following equation) 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" in the following equation) 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:

$$V = i\,K/n$$

The groundwater flow rates for July 2006 were on average approximately 14.4 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 9.8 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 July 2006 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.

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NORTH CAROLINA LICENSED SEAL 1349 GEOLOGIST G. VAN NESS BURBACH

Prepared by: _____
G. Van Ness Burbach, Ph.D., P.G.

Reviewed by: _____
Jeremey J. Kerly

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
July 2006

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

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 RECYCLING CENTER
GROUNDWATER FLOW RATE CALCULATIONS
July 2006

GRADIENT CALCULATION SEGMENT	HYDRAULIC CONDUCTIVITY (K, cm/s)	FLOW SEGMENT LENGTH	FLOW DIRECTION	07/10-12/06		
				Elevation (ft, MSL)	Gradient (i, ft/ft)	Velocity (v, ft/yr)
i_1	2.90E-04	1158	NNW	775 745	0.026	18.97
i_2	1.70E-04	1313	W	775 745	0.023	9.81

Note:

1. An effective porosity ("n") of 41% was based on average laboratory-derived porosity as reported in the April 1994 Design Hydrogeologic Study, prepared by RUST Environment & Infrastructure.
2. Hydraulic conductivities ("K") were also taken from the Design Hydrogeologic Study, and were based on slug test data from piezometers originally located nearest the respective groundwater flow paths.
3. Refer to associated letter for further explanation of flow rate calculations.