NM1 - 19

MONITORING REPORTS

YEAR(S):

2007

February 10, 2008
New Mexico Energy, Minerals, & Natural Resources Dept.
Oil Conservation Division Environmental Bureau
Attn: Mr. Brad A. Jones
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Submittal of Annual Monitoring Report for Year 2007
Gandy Marley Inc., Commercial Landfarm
Gandy Marley Inc., Operator / PRP
SW/4 of Section 4, SE/4 of Section 5, NE/4 of Section 8, & NW/4 of Section 9,
T. 11 S., R.31 E., NMPM
Chaves County, New Mexico
Commercial Landfarm Permit (NM-01-0019)

Dear Mr. Jones:

Clayton M. Barnhill, CMB Environmental and Geological Services Inc., on behalf of the owner/operator, Gandy Marley Inc., submit the attached Annual Monitoring Report for the above-mentioned site.

If you have any questions about the contents of the report, please do not hesitate to call me. Thank you.

Sincerely,

Clayton M. Barnhill, PG
NMED PSTB Certified Scientist # 246
CMB Environmental & Geological Services, Inc.
PO Box 2304
Roswell, NM 88202-2304
Phone: (505) 622-2012 Phone Fax: (505) 625-0538
Cellular: (505) 626-1615
cmbenviro@dfn.com

Cc: Gandy Marley Inc.

COVER PAGE

ANNUAL YEAR END MONITORING REPORT

Please include the following information:

1. Site Name: **Gandy Marley Landfarm**

2. Responsible party: **Gandy Marley Inc.**

3. Responsible party mailing address (list contact person if different):

   Gandy Marley Inc.
   Attn: Bill Marley, Vice President
   PO Box 1658
   Roswell, NM 88202-1658

4. Commercial Landfarm Permit Number: **NM-01-0019**

5. Address/legal description:

   SW/4 of Section 4, SE/4 of Section 5, NE/4 of Section 8, & NW/4 of Section 9
   T. 11 S. R. 31 E., NMPM
   Chaves County, NM

6. Author/consulting company:

   Clayton M. Barnhill, PG, CMB Environmental & Geological Services, Inc.

7. Date of report: **February 10, 2008**

STATEMENT OF FAMILIARITY

I, the undersigned, am personally familiar with the information submitted in this report and the attached documents and attest that it is true and complete.

Signature: _____

Name: Clayton M. Barnhill, PG

Affiliation: CMB Environmental and Geological Services, Inc.

Title: Sr. / Principal Geologist

Certified Scientist #: 0246, State of Texas Professional Geologist 6121, exp. 12/31/08

Date: 02/10/2008

I. INTRODUCTION

CMB Environmental and Geological Services Inc., on behalf of Gandy Marley Inc., the owner/operator of the Gandy Marley Inc., Landfarm located in the SW/4 of Section 4, SE/4 of Section 5, NE/4 of Section 8, & NW/4 of Section 9, Township 11 South, Range 31 East, Chaves County, New Mexico, has prepared this annual monitoring report in accordance with conditions set forth in Commercial Landfarm Permit Number NM-01-0019 (Gandy Marley Inc.), approved by the New Mexico Energy, Minerals, & Natural Resources Department Oil Conservation Division (NMOCD) Environmental Bureau on January 17, 2006.

The Gandy Marley Inc, Commercial Landfarm is located approximately 33 miles northwest of Tatum, NM in Sections 4, 5, 8 & 9, T. 11 S. R. 31 E., Chaves County, New Mexico (Figure 1). In August of 2000, the New Mexico Energy, Minerals, & Natural Resources Department Oil Conservation Division (NMOCD) Environmental Bureau approved a Commercial Landfarm Permit NM-01-0019. A new permit was submitted and approved on January 17, 2006 NM-01-0019. The commercial landfarm is being managed in accordance with the NMOCD approved Commercial Landfarm Permit NM-01-0019. Received soils on the landfarm are deposited in bermed cells in six-inch lifts and disked on a regular basis to enhance aeration. Groundwater below the site is at a depth between 122.62' foot (MW-2) and 130.32' foot (MW-1) below the top of casing of both monitor wells. Groundwater beneath the site has a total dissolved solids concentration of approximately 8970 milligrams per liter.

A. Scope of Work

The approved scope of work for the annual report for year end monitoring of the year 2007 consists of collecting confirmation soil samples beneath all site cells actively landfarmed or previously active, analyzing the subsurface soil samples for total petroleum hydrocarbons (TPH), BTEX, Hydroxide Alkalinity, Carbonate Alkalinity, Bicarbonate Alkalinity, Chloride, Specific Conductance, pH, Total Calcium, Total Magnesium, Total Potassium, Total Sodium, Sulfate, and TCLP 8 Metals, and then produce a map showing the sample locations, and compiling and reporting data or analyses that demonstrate the media located in the remediation cell has been remediated to an acceptable level by the NMOCD Commercial Landfarm Permit NM-01-0019.

The soil sampling adequately monitored the vadose zone beneath the facility. Table 1 contains Trace Analysis Lab Sample Summary Reports of cell soil samples taken beneath all landfarm cells. Appendix 3 contains the complete analytical results for soils sampled in these Cells. A site facility map is plotted in figure 1. Soil sample locations, as per GPS Coordinates, are plotted in figure 2

The sampling protocol for the monitoring activities can be found in Appendix 1. Appendix 2 contains field notes with GPS Coordinates of sample points for this monitoring event. Laboratory analysis reports of soil samples are in Appendix 3.

B. Annual Highlights

Annual Year End Soil Sampling for Year 2007 was performed on December 28th 2007.
This Year End 2007 monitoring activities include the following:

- Collection of one Remediation Cell Soil samples from all active and previously active landfarm remediation cells for laboratory analysis of the parameters outlined in section (A) above.

- Preparation of this report.

ACTIVITIES PERFORMED DURING THIS YEAR END SAMPLING EVENT

C. Monitoring Activities

Landfarm Remediation cell soil samples were collected beneath the remediation cells and submitted to Trace Analysis Laboratory, located in Lubbock Texas and were analyzed for TPH using EPA Method 418.1, BTEX using EPA Method 8021B, Hydroxide Alkalinity, Carbonate Alkalinity, Bicarbonate Alkalinity, Chloride, Specific Conductance, pH, Total Calcium, Total Magnesium, Total Potassium, Total Sodium, Sulfate, and TCLP 8 Metals.

The soil sampling adequately monitored the vadose zone beneath the facility. Field parameters included a lithologic description of the soil samples, and GPS location coordinates of the soil samples. Field Notes containing this information are found in Appendix 2. Soil Sample laboratory summary results are located in Table 1. Laboratory analysis reports and chain of custody forms are in Appendix 3.

II. SUMMARY AND CONCLUSIONS

A. Assessment of Remediation Activities:

Gandy Marley Inc. has demonstrated in the year 2007 that they are highly effective at managing and remediating soils and operating a professional commercial landfarm facility.

Analyses from a soil sample of the remediated soils in all Landfarm Cells show the remediated soils in all cells to contain less than <0.01 PPM BTEX, and acceptable TPH concentrations (≤10 PPM TPH). Chlorides concentrations are below 250 PPM in all cells with the exception of Cell #'s 18, 19, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 6, 2, & 1. Cells with elevated chloride concentrations are cells which previously accepted salt contaminated soils and drilling mud produced from oil and gas activities in northern Lea and Chaves counties, New Mexico. Drilling mud is a RCRA Exempt waste, but is normally high in chloride concentrations.

Gandy-Marley Inc has engineered and lined certain cells to allow for the acceptance and disposal of soils with high chloride concentrations.

Perched groundwater below the site is at a depth of 122' feet to 130' feet below ground surface, and has a total dissolved solids concentration of approximately 8970 milligrams per liter.

The vadose zone beneath the facility has been adequately monitored by the subsurface soil samples collected beneath each cell in compliance with WQCC Regulation 3107. There has been no leaching of contaminated media into the vadose zone beneath the remediation cells.

LIST OF FIGURES

Figure		Included	N/A
1	Site Map / Topographic Map with cell locations plotted	X	
2	Topographic Map with sample locations , as per GPS, plotted	X	

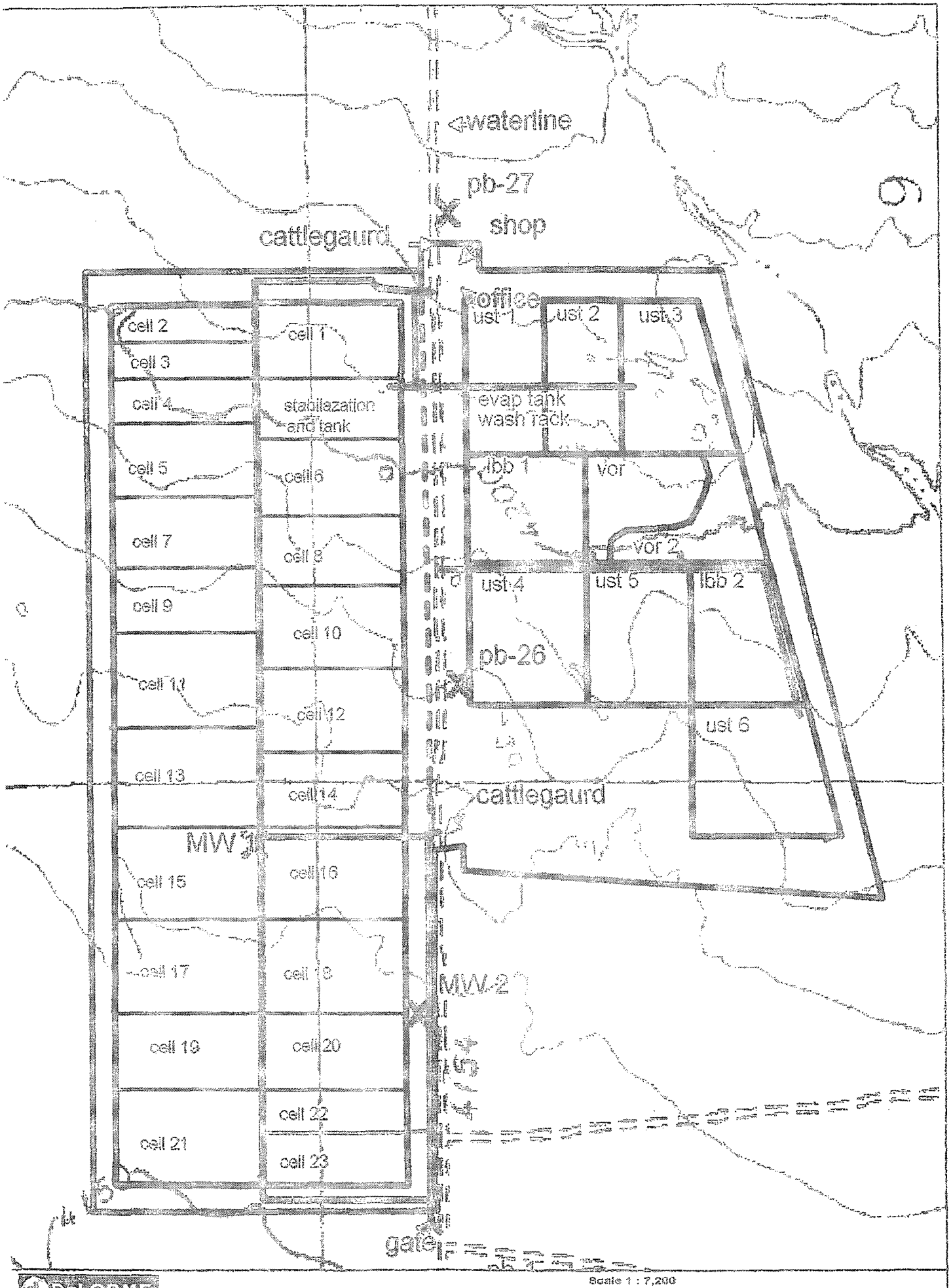
LIST OF TABLES

Table		Included	N/A
1	Lab Analysis Summary Reports of Cell Soil Samples	X	

LIST OF APPENDICES

Appendix		**Included**	**N/A**
1	Sampling Protocol	X	
2	Field Notes /with GPS Coordinates of samples	X	
3	Laboratory Reports	X	

Figures:



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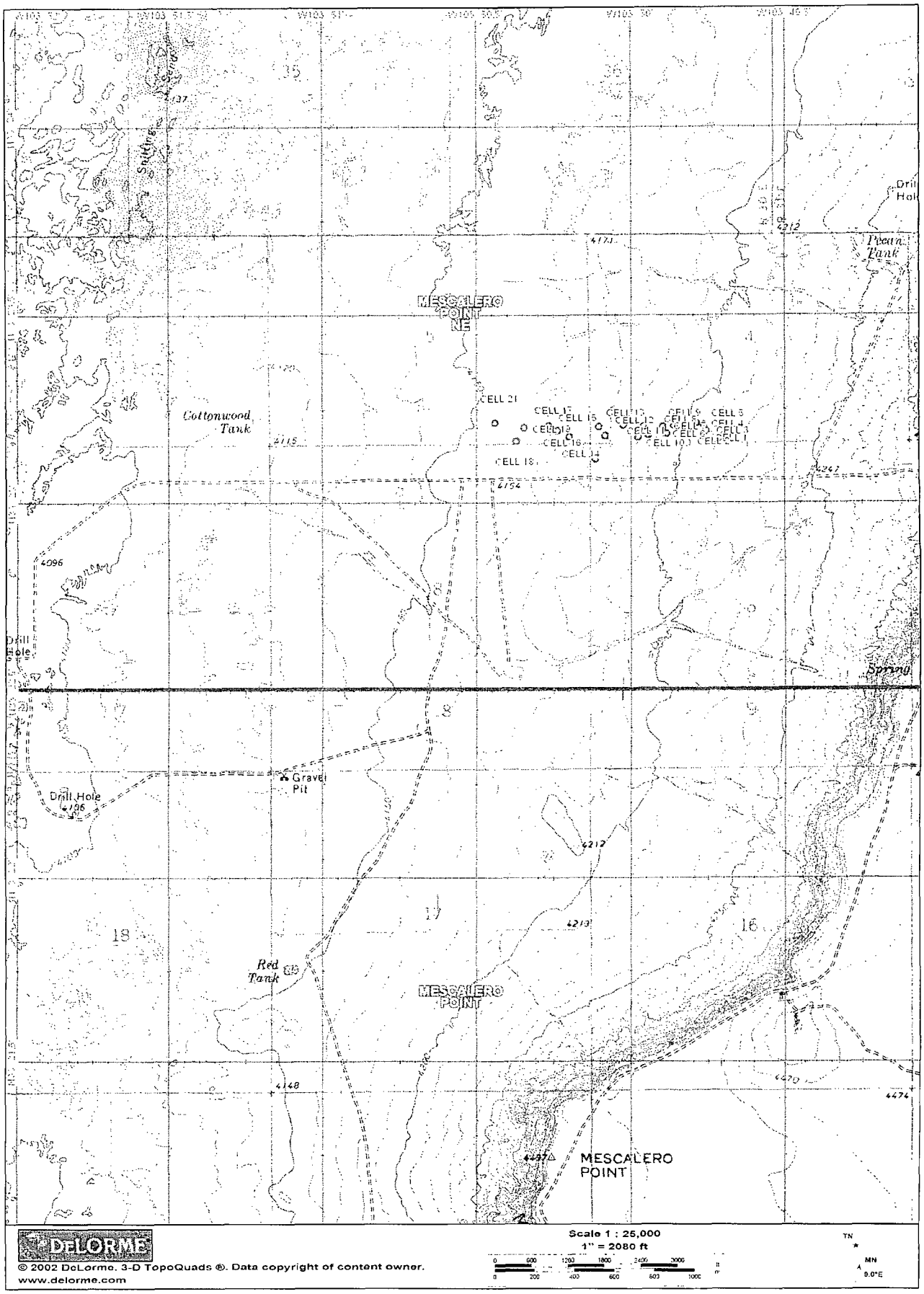
MESCALERO POINT NE
Cottonwood Tank
CELL 21
CELL 18
Drill Hole
Spring
Gravel Pit
Drill Hole
Red Tank
MESCALERO POINT
MESCALERO POINT
Scale 1 : 25,000
1" = 2080 ft
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Table 1:

Lab Analysis Summary Reports

Summary Report

Bill Marley
Gandy Marley Inc.
Box 1658
Roswell, NM, 88202

Report Date: January 9, 2008

Work Order: 7123117

Project Location: Sec4,Sec5,Sec8,Sec9 T.11.SR.31E
Project Name: Gandy Marley Land Farm
Project Number: Annual Sampling (NM-711-1-0020)

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
146707	Cell 21	soil	2007-12-28	10:20	2007-12-31
146708	Cell 18	soil	2007-12-28	10:30	2007-12-31
146709	Cell 19	soil	2007-12-28	10:46	2007-12-31
146710	Cell 17	soil	2007-12-28	10:54	2007-12-31
146711	Cell 15	soil	2007-12-28	10:59	2007-12-31
146712	Cell 16	soil	2007-12-28	11:09	2007-12-31
146713	Cell 14	soil	2007-12-28	11:15	2007-12-31
146714	Cell 13	soil	2007-12-28	11:19	2007-12-31
146715	Cell 12	soil	2007-12-28	11:24	2007-12-31
146716	Cell 11	soil	2007-12-28	11:30	2007-12-31
146717	Cell 10	soil	2007-12-28	11:37	2007-12-31
146718	Cell 9	soil	2007-12-28	11:42	2007-12-31
146719	Cell 8	soil	2007-12-28	11:49	2007-12-31
146720	Cell 7	soil	2007-12-28	11:53	2007-12-31
146721	Cell 6	soil	2007-12-28	11:57	2007-12-31
146722	Cell 5	soil	2007-12-28	12:01	2007-12-31
146723	Cell 4	soil	2007-12-28	12:06	2007-12-31
146724	Cell 3	soil	2007-12-28	12:11	2007-12-31
146725	Cell 2	soil	2007-12-28	12:20	2007-12-31
146726	Cell 1	soil	2007-12-28	12:15	2007-12-31

	BTEX				MTBE	TPH 418.1
Sample - Field Code	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	TRPHC (mg/Kg)
146707 - Cell 21	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
146708 - Cell 18	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
146709 - Cell 19	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
146710 - Cell 17	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
146711 - Cell 15	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
146712 - Cell 16	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
146713 - Cell 14	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
146714 - Cell 13	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
146715 - Cell 12	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
146716 - Cell 11	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
146717 - Cell 10	<0.0100	<0.0100	<0.0100	<0.0100		<10.0

continued ...

... continued

Sample - Field Code	BTEX Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE MTBE (mg/Kg)	TPH 418.1 TRPHC (mg/Kg)
146718 - Cell 9	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
146719 - Cell 8	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
146720 - Cell 7	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
146721 - Cell 6	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
146722 - Cell 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
146723 - Cell 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
146724 - Cell 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
146725 - Cell 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
146726 - Cell 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0

Sample: 146707 - Cell 21

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**190**	mg/Kg as CaCo3	4.00
Total Alkalinity		**190**	mg/Kg as CaCo3	4.00
Total Calcium		**74000**	mg/Kg	100
Chloride		**27.8**	mg/Kg	1.00
Specific Conductance		**226**	uMHOS/cm	0.00
Total Potassium		**1880**	mg/Kg	100
Total Magnesium		**3820**	mg/Kg	100
Total Sodium		**394**	mg/Kg	100
pH		**7.30**	s.u.	0.00
Sulfate		**59.9**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.21**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 146708 - Cell 18

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**230**	mg/Kg as CaCo3	4.00
Total Alkalinity		**230**	mg/Kg as CaCo3	4.00
Total Calcium		**64600**	mg/Kg	100
Chloride		**4230**	mg/Kg	1.00
Specific Conductance		**11800**	uMHOS/cm	0.00
Total Potassium		**1100**	mg/Kg	100
Total Magnesium		**4260**	mg/Kg	100
Total Sodium		**1830**	mg/Kg	100
pH		**6.80**	s.u.	0.00
Sulfate		**2370**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125

continued ...

sample 146708 continued ...

Param	Flag	Result	Units	RL
TCLP Arsenic		**0.241**	mg/L	0.100
TCLP Barium		**1.15**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 146709 - Cell 19

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		**20.0**	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**170**	mg/Kg as CaCo3	4.00
Total Alkalinity		**190**	mg/Kg as CaCo3	4.00
Total Calcium		**18100**	mg/Kg	100
Chloride		**365**	mg/Kg	1.00
Specific Conductance		**1070**	uMHOS/cm	0.00
Total Potassium		**1800**	mg/Kg	100
Total Magnesium		**2640**	mg/Kg	100
Total Sodium		**408**	mg/Kg	100
pH		**7.84**	s.u.	0.00
Sulfate		**152**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		**0.272**	mg/L	0.100
TCLP Barium		**1.80**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 146710 - Cell 17

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**58.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**58.0**	mg/Kg as CaCo3	4.00
Total Calcium		**45800**	mg/Kg	100
Chloride		**528**	mg/Kg	1.00
Specific Conductance		**1940**	uMHOS/cm	0.00
Total Potassium		**1070**	mg/Kg	100
Total Magnesium		**1810**	mg/Kg	100
Total Sodium		**856**	mg/Kg	100
pH		**8.30**	s.u.	0.00
Sulfate		**198**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		**0.300**	mg/L	0.100
TCLP Barium		**1.50**	mg/L	0.100

continued ...

sample 146710 continued ...

Param	Flag	Result	Units	RL
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 146711 - Cell 15

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**350**	mg/Kg as CaCo3	4.00
Total Alkalinity		**350**	mg/Kg as CaCo3	4.00
Total Calcium		**8500**	mg/Kg	100
Chloride		**3430**	mg/Kg	1.00
Specific Conductance		**10900**	uMHOS/cm	0.00
Total Potassium		**1580**	mg/Kg	100
Total Magnesium		**1730**	mg/Kg	100
Total Sodium		**3360**	mg/Kg	100
pH		**7.61**	s.u.	0.00
Sulfate		**554**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.52**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 146712 - Cell 16

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**140**	mg/Kg as CaCo3	4.00
Total Alkalinity		**140**	mg/Kg as CaCo3	4.00
Total Calcium		**60400**	mg/Kg	100
Chloride		**374**	mg/Kg	1.00
Specific Conductance		**1540**	uMHOS/cm	0.00
Total Potassium		**1080**	mg/Kg	100
Total Magnesium		**2270**	mg/Kg	100
Total Sodium		**1120**	mg/Kg	100
pH		**8.24**	s.u.	0.00
Sulfate		**227**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.11**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100

continued ...

sample 146712 continued ...

Param	Flag	Result	Units	RL
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 146713 - Cell 14

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**40.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**40.0**	mg/Kg as CaCo3	4.00
Total Calcium		**4650**	mg/Kg	100
Chloride		**1250**	mg/Kg	1.00
Specific Conductance		**4580**	uMHOS/cm	0.00
Total Potassium		**1320**	mg/Kg	100
Total Magnesium		**1780**	mg/Kg	100
Total Sodium		**1010**	mg/Kg	100
pH		**7.94**	s.u.	0.00
Sulfate		**210**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		**0.425**	mg/L	0.100
TCLP Barium		**1.55**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 146714 - Cell 13

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**180**	mg/Kg as CaCo3	4.00
Total Alkalinity		**180**	mg/Kg as CaCo3	4.00
Total Calcium		**27600**	mg/Kg	100
Chloride		**376**	mg/Kg	1.00
Specific Conductance		**1860**	uMHOS/cm	0.00
Total Potassium		**2430**	mg/Kg	100
Total Magnesium		**3130**	mg/Kg	100
Total Sodium		**571**	mg/Kg	100
pH		**7.75**	s.u.	0.00
Sulfate		**392**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		**0.340**	mg/L	0.100
TCLP Barium		**1.64**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100

continued ...

sample 146714 continued ...

Param	Flag	Result	Units	RL
TCLP Selenium		<0.500	mg/L	0.500

Sample: 146715 - Cell 12

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**36.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**36.0**	mg/Kg as CaCo3	4.00
Total Calcium		**1420**	mg/Kg	100
Chloride		**531**	mg/Kg	1.00
Specific Conductance		**2130**	uMHOS/cm	0.00
Total Potassium		**1420**	mg/Kg	100
Total Magnesium		**1250**	mg/Kg	100
Total Sodium		**667**	mg/Kg	100
pH		**7.87**	s.u.	0.00
Sulfate		**195**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.32**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 146716 - Cell 11

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**40.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**40.0**	mg/Kg as CaCo3	4.00
Total Calcium		**35700**	mg/Kg	100
Chloride		**213**	mg/Kg	1.00
Specific Conductance		**1090**	uMHOS/cm	0.00
Total Potassium		**1410**	mg/Kg	100
Total Magnesium		**2580**	mg/Kg	100
Total Sodium		**316**	mg/Kg	100
pH		**7.85**	s.u.	0.00
Sulfate		**219**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.79**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 146717 - Cell 10

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**170**	mg/Kg as CaCo3	4.00
Total Alkalinity		**170**	mg/Kg as CaCo3	4.00
Total Calcium		**91300**	mg/Kg	100
Chloride		**269**	mg/Kg	1.00
Specific Conductance		**3800**	uMHOS/cm	0.00
Total Potassium		**1220**	mg/Kg	100
Total Magnesium		**4320**	mg/Kg	100
Total Sodium		**996**	mg/Kg	100
pH		**8.23**	s.u.	0.00
Sulfate		**2420**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.30**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 146718 - Cell 9

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**280**	mg/Kg as CaCo3	4.00
Total Alkalinity		**280**	mg/Kg as CaCo3	4.00
Total Calcium		**35600**	mg/Kg	100
Chloride		**98.2**	mg/Kg	1.00
Specific Conductance		**749**	uMHOS/cm	0.00
Total Potassium		**1710**	mg/Kg	100
Total Magnesium		**3120**	mg/Kg	100
Total Sodium		**830**	mg/Kg	100
pH		**8.76**	s.u.	0.00
Sulfate		**222**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.63**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 146719 - Cell 8

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<5.00	mg/Kg as CaCo3	1.00

continued ...

sample 146719 continued ...

Param	Flag	Result	Units	RL
Bicarbonate Alkalinity		**120**	mg/Kg as CaCo3	4.00
Total Alkalinity		**120**	mg/Kg as CaCo3	4.00
Total Calcium		**117000**	mg/Kg	100
Chloride		**70.8**	mg/Kg	1.00
Specific Conductance		**2740**	uMHOS/cm	0.00
Total Potassium		**843**	mg/Kg	100
Total Magnesium		**3040**	mg/Kg	100
Total Sodium		**492**	mg/Kg	100
pH		**7.87**	s.u.	0.00
Sulfate		**4140**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.05**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 146720 - Cell 7

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**46.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**46.0**	mg/Kg as CaCo3	4.00
Total Calcium		**40200**	mg/Kg	100
Chloride		**165**	mg/Kg	1.00
Specific Conductance		**997**	uMHOS/cm	0.00
Total Potassium		**1950**	mg/Kg	100
Total Magnesium		**3130**	mg/Kg	100
Total Sodium		**359**	mg/Kg	100
pH		**7.93**	s.u.	0.00
Sulfate		**242**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		**0.408**	mg/L	0.100
TCLP Barium		**1.62**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 146721 - Cell 6

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**570**	mg/Kg as CaCo3	4.00
Total Alkalinity		**570**	mg/Kg as CaCo3	4.00

continued ...

sample 146721 continued ...

Param	Flag	Result	Units	RL
Total Calcium		**28900**	mg/Kg	100
Chloride		**48.4**	mg/Kg	1.00
Specific Conductance		**737**	uMHOS/cm	0.00
Total Potassium		**1640**	mg/Kg	100
Total Magnesium		**2160**	mg/Kg	100
Total Sodium		**830**	mg/Kg	100
pH		**8.56**	s.u.	0.00
Sulfate		**348**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.72**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 146722 - Cell 5

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**54.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**54.0**	mg/Kg as CaCo3	4.00
Total Calcium		**53600**	mg/Kg	100
Chloride		**41.1**	mg/Kg	1.00
Specific Conductance		**546**	uMHOS/cm	0.00
Total Potassium		**1730**	mg/Kg	100
Total Magnesium		**2640**	mg/Kg	100
Total Sodium		**523**	mg/Kg	100
pH		**8.21**	s.u.	0.00
Sulfate		**114**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.93**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 146723 - Cell 4

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**171**	mg/Kg as CaCo3	4.00
Total Alkalinity		**171**	mg/Kg as CaCo3	4.00
Total Calcium		**85600**	mg/Kg	100
Chloride		**129**	mg/Kg	1.00

continued ...

sample 146723 continued ...

Param	Flag	Result	Units	RL
Specific Conductance		**969**	uMHOS/cm	0.00
Total Potassium		**1010**	mg/Kg	100
Total Magnesium		**2200**	mg/Kg	100
Total Sodium		**547**	mg/Kg	100
pH		**8.43**	s.u.	0.00
Sulfate		**316**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		**0.327**	mg/L	0.100
TCLP Barium		**1.45**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 146724 - Cell 3

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**130**	mg/Kg as CaCo3	4.00
Total Alkalinity		**130**	mg/Kg as CaCo3	4.00
Total Calcium		**149000**	mg/Kg	100
Chloride		**63.0**	mg/Kg	1.00
Specific Conductance		**2800**	uMHOS/cm	0.00
Total Potassium		**774**	mg/Kg	100
Total Magnesium		**2290**	mg/Kg	100
Total Sodium		**498**	mg/Kg	100
pH		**8.03**	s.u.	0.00
Sulfate		**2240**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.15**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 146725 - Cell 2

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**180**	mg/Kg as CaCo3	4.00
Total Alkalinity		**180**	mg/Kg as CaCo3	4.00
Total Calcium		**13700**	mg/Kg	100
Chloride		**466**	mg/Kg	1.00
Specific Conductance		**2030**	uMHOS/cm	0.00
Total Potassium		**2020**	mg/Kg	100

continued ...

sample 146725 continued ...

Param	Flag	Result	Units	RL
Total Magnesium		**2810**	mg/Kg	100
Total Sodium		**388**	mg/Kg	100
pH		**7.88**	s.u.	0.00
Sulfate		**268**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		**0.379**	mg/L	0.100
TCLP Barium		**1.47**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 146726 - Cell 1

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<5.00	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**90.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**90.0**	mg/Kg as CaCo3	4.00
Total Calcium		**188000**	mg/Kg	100
Chloride		**1540**	mg/Kg	1.00
Specific Conductance		**5360**	uMHOS/cm	0.00
Total Potassium		**1440**	mg/Kg	100
Total Magnesium		**6650**	mg/Kg	100
Total Sodium		**3100**	mg/Kg	100
pH		**7.86**	s.u.	0.00
Sulfate		**988**	mg/Kg	0.200
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**0.777**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.000500	mg/L	0.000500
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Appendix 1
Sampling Protocol

Appendix 1
Sampling Protocol

Site Remediation cells were checked for the presence of phase-separated hydrocarbons (PSH).

A Gandy Marley Inc. owned and operated front end loader dug down with the loader bucket 18" inches to 24"inches below the surface of the remediation cell. An 8" inch loader mounted drill auger was then used to create a soil boring below the exposed soil surface to a depth of 36" inches below the original ground surface of the remediation cell. An AMS 3" inch Stainless steel hand auger was then used by Clayton M. Barnhill, PG (CMB Environmental & Geological Services Inc.) to collect the soil samples beneath the remediation cells. The AMS stainless steel auger and the 8" inch drilling auger were de-contaminated between sample points by cleaning with a brush in an Alconox soap solution and then rinsing with potable water. New Nitrile gloves were changed at each sample point to avoid cross contamination. Borings were backfilled with impermeable bentonite pellets and hydrated.

Samples analyzed for TPH 418.1, BTEX 8021, Hydroxide Alkalinity, Carbonate Alkalinity, Bicarbonate Alkalinity, Chloride, Specific Conductance, pH, Total Calcium, Total Magnesium, Total Potassium, Total Sodium, Sulfate, and TCLP 8 Metals. Soil Samples were collected in two 4 ounce glass jars containing no preservative.

Samples were immediately placed on ice in an insulated cooler and were delivered to the Trace Analysis Laboratory, located in Lubbock, Texas, for analysis. Chain of custody documentation accompanied the samples at all times.

Appendix 2
Field Notes

Location GMI LANDFARM Date 12/28/07

Project / Client 4th Quarter Sampling 2007

@GMI Landfarm BY: CMB Page 3 of 4

CELL	TIME	GPS Coords	Remarks
4	1206	33°23.215N 103°49.790W	Tan Clayey Sand
3	1211	33°23.210 103°49.766	TAN Fine Sand w/ Caliche
#1	1215	33°23.193 103°49.758	Brown Fine Sand
#2	1220	33°23.213 103°49.724	Red Fine Sand
UST #1	1235	33°23.003 103°49.791	Red Fine Sand
UST #2	1238	33°22.944 103°49.793	Red Fine Sand
UST #3	1242	33°22912 103°49.771	Red Fine Sand
UST #4	1249	33°22.967 103°49.962	Tan Fine Sand w/ Caliche

Location GMI LANDFARM Date 12/28/07

Project / Client 4th Quarter Sampling 2007

@GMI Landfarm BY: CMB Page 4 of 4

CELL	TIME	GPS Coords	Remarks
LBB #1	1253	33°22.984N 103°49.914W	Tan Fine Sand
VOR	1258	33°22.932 103°49.926	Tan Fine Sand
UST #5	1302	33°22.936 103°49.956	Tan Fine Sand w/ Caliche
UST #6	1313	33°22.780 103°50.110	Tan Fine Sand
LBB #2	1308	33°22.867 103°49.962	Red Fine Sand
UST #7	1316	33°22.784 103°50.151	Red Fine Sand

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Location GMI LANDFARM Date 12/28/07

Project / Client 4th Quarter Sampling 2007

@GMI Landfarm BY: CMB Page 1 of 4

	TIME	GPS Coordinates	Remarks
21	1020	33° 23.215N 103°50.441W	Brown Fine Sand
18	1030	33°23.166 103°50.296	Red Clayey Sand
19	1046	33°23.202 103°50.347	Red Fine Sand
17	1054	33°23.207 103°50.267	Red Fine Sand
15	1059	33°23.194 103°50.239	Red Fine Sand
16	1109	33°23.177 103°50.200	Red Clayey Sand
14	1115	33°23.117 103°50.115	Red Fine Sand w/ Caliche
13	1119	33°23.204 103°50.105	Brown Clayey Sand

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Location GMI LANDFARM Date 12/28/07

Project / Client 4th Quarter Sampling 2007

@GMI Landfarm BY: CMB Page 2 of 4

CELL	TIME	GPS Coords	Remarks
12	1124	33°23.180N 103°50.084W	Brown Fine Sand
11	1130	33°23.209 103°50.026	TAN Fine Sand
10	1137	33°23.176 103°49.978	Brown Fine Sand
9	1142	33°23.205 103°[redacted]49.961	Red Clayey Sand
8	1149	33°23.183 103°49.945	Brown Fine Sand w/ Caliche
7	1153	33°23.205 103°49.899	TAN Fine Sand
6	1157	33°23.186 103°49.886	Brown Clayey Sand
5	1201	33°23.207 103°49.863	Brown Clayey Sand

Appendix 3
Laboratory Analytical Results

TRACEANALYSIS, INC.
6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 (806) 794-1296 (806) 794-1298
2501 East Sunset Road, Suite 2 El Paso, Texas 79922 (915) 585-3443 FAX (915) 585-4944
7801 Gaston Street, Suite A1 Midland, Texas 79703 (432) 689-6301 FAX (432) 689-6313
6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 (817) 201-5260
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Bill Marley
Gandy Marley Inc.
Box 1658
Roswell, NM, 88202

Report Date: January 9, 2008

Work Order: 7123117

Project Location: Sec4,Sec5,Sec8,Sec9 T.11.SR.31E
Project Name: Gandy Marley Land Farm
Project Number: Annual Sampling (NM-711-1-0020)

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
146707	Cell 21	soil	2007-12-28	10:20	2007-12-31
146708	Cell 18	soil	2007-12-28	10:30	2007-12-31
146709	Cell 19	soil	2007-12-28	10:46	2007-12-31
146710	Cell 17	soil	2007-12-28	10:54	2007-12-31
146711	Cell 15	soil	2007-12-28	10:59	2007-12-31
146712	Cell 16	soil	2007-12-28	11:09	2007-12-31
146713	Cell 14	soil	2007-12-28	11:15	2007-12-31
146714	Cell 13	soil	2007-12-28	11:19	2007-12-31
146715	Cell 12	soil	2007-12-28	11:24	2007-12-31
146716	Cell 11	soil	2007-12-28	11:30	2007-12-31
146717	Cell 10	soil	2007-12-28	11:37	2007-12-31
146718	Cell 9	soil	2007-12-28	11:42	2007-12-31
146719	Cell 8	soil	2007-12-28	11:49	2007-12-31
146720	Cell 7	soil	2007-12-28	11:53	2007-12-31
146721	Cell 6	soil	2007-12-28	11:57	2007-12-31
146722	Cell 5	soil	2007-12-28	12:01	2007-12-31
146723	Cell 4	soil	2007-12-28	12:06	2007-12-31
146724	Cell 3	soil	2007-12-28	12:11	2007-12-31
146725	Cell 2	soil	2007-12-28	12:20	2007-12-31
146726	Cell 1	soil	2007-12-28	12:15	2007-12-31

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 93 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Analytical Report

Sample: 146707 - Cell 21

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	44471	Date Analyzed:	2008-01-08	Analyzed By:	AB
Prep Batch:	38304	Sample Preparation:	2008-01-08	Prepared By:	AB

Parameter	Flag	Result	RL	Units	Dilution	RL
Hydroxide Alkalinity		<5.00		mg/Kg as CaCo3	5	1.00
Carbonate Alkalinity		<5.00		mg/Kg as CaCo3	5	1.00
Bicarbonate Alkalinity		**190**		mg/Kg as CaCo3	5	4.00
Total Alkalinity		**190**		mg/Kg as CaCo3	5	4.00

Sample: 146707 - Cell 21

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44298	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38164	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.0100		mg/Kg	1	0.0100
Toluene		<0.0100		mg/Kg	1	0.0100
Ethylbenzene		<0.0100		mg/Kg	1	0.0100
Xylene		<0.0100		mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.00	mg/Kg	1	1.00	100	69.3 - 103
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	1	1.00	102	68.8 - 120

Sample: 146707 - Cell 21

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**74000**		mg/Kg	10	100

Sample: 146707 - Cell 21

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44477	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38309	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**27.8**	mg/Kg	5	1.00

Sample: 146707 - Cell 21

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44348	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38200	Sample Preparation:	2008-01-02	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**226**	uMHOS/cm	1	0.00

Sample: 146707 - Cell 21

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Potassium		**1880**	mg/Kg	1	100

Sample: 146707 - Cell 21

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Magnesium		**3820**	mg/Kg	1	100

Sample: 146707 - Cell 21

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Sodium		**394**	mg/Kg	1	100

Sample: 146707 - Cell 21

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44372	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38225	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	Result	RL Units	Dilution	RL
pH		**7.30**	s.u.	1	0.00

Sample: 146707 - Cell 21

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44477	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38309	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Sulfate		**59.9**	mg/Kg	5	0.200

Sample: 146707 - Cell 21

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44467	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	Result	RL Units	Dilution	RL
TCLP Silver		<0.125	mg/L	1	0.125
TCLP Arsenic		<0.100	mg/L	1	0.100
TCLP Barium		**2.21**	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.000500	mg/L	1	0.000500
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 146707 - Cell 21

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued ...

sample 146707 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 146708 - Cell 18

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	44471	Date Analyzed:	2008-01-08	Analyzed By:	AB
Prep Batch:	38304	Sample Preparation:	2008-01-08	Prepared By:	AB

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	5	1.00
Carbonate Alkalinity		<5.00	mg/Kg as CaCo3	5	1.00
Bicarbonate Alkalinity		**230**	mg/Kg as CaCo3	5	4.00
Total Alkalinity		**230**	mg/Kg as CaCo3	5	4.00

Sample: 146708 - Cell 18

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44298	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38164	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.992	mg/Kg	1	1.00	99	69.3 - 103
4-Bromofluorobenzene (4-BFB)		1.08	mg/Kg	1	1.00	108	68.8 - 120

Sample: 146708 - Cell 18

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**64600**	mg/Kg	10	100

Sample: 146708 - Cell 18

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44477	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38309	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**4230**	mg/Kg	500	1.00

Sample: 146708 - Cell 18

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44348	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38200	Sample Preparation:	2008-01-02	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Specific Conductance		**11800**	uMHOS/cm	1	0.00

Sample: 146708 - Cell 18

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Potassium		**1100**	mg/Kg	1	100

Sample: 146708 - Cell 18

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Magnesium		**4260**	mg/Kg	1	100

Sample: 146708 - Cell 18

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Sodium		**1830**	mg/Kg	1	100

Sample: 146708 - Cell 18

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44372	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38225	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	Result	RL Units	Dilution	RL
pH		**6.80**	s.u.	1	0.00

Sample: 146708 - Cell 18

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44477	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38309	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Sulfate		**2370**	mg/Kg	50	0.200

Sample: 146708 - Cell 18

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44467	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	Result	RL Units	Dilution	RL
TCLP Silver		<0.125	mg/L	1	0.125
TCLP Arsenic		**0.241**	mg/L	1	0.100
TCLP Barium		**1.15**	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.000500	mg/L	1	0.000500
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 146708 - Cell 18

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued . . .

sample 146708 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 146709 - Cell 19

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	44471	Date Analyzed:	2008-01-08	Analyzed By:	AB
Prep Batch:	38304	Sample Preparation:	2008-01-08	Prepared By:	AB

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	5	1.00
Carbonate Alkalinity		**20.0**	mg/Kg as CaCo3	5	1.00
Bicarbonate Alkalinity		**170**	mg/Kg as CaCo3	5	4.00
Total Alkalinity		**190**	mg/Kg as CaCo3	5	4.00

Sample: 146709 - Cell 19

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44298	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38164	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.02	mg/Kg	1	1.00	102	69.3 - 103
4-Bromofluorobenzene (4-BFB)		1.06	mg/Kg	1	1.00	106	68.8 - 120

Sample: 146709 - Cell 19

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**18100**	mg/Kg	10	100

Sample: 146709 - Cell 19

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44477	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38309	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**365**	mg/Kg	50	1.00

Sample: 146709 - Cell 19

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44348	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38200	Sample Preparation:	2008-01-02	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Specific Conductance		**1070**	uMHOS/cm	1	0.00

Sample: 146709 - Cell 19

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Potassium		**1800**	mg/Kg	1	100

Sample: 146709 - Cell 19

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Magnesium		**2640**	mg/Kg	1	100

Sample: 146709 - Cell 19

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Sodium		**408**	mg/Kg	1	100

Sample: 146709 - Cell 19

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44372	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38225	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	Result	RL Units	Dilution	RL
pH		**7.84**	s.u.	1	0.00

Sample: 146709 - Cell 19

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44496	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38325	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Sulfate		**152**	mg/Kg	5	0.200

Sample: 146709 - Cell 19

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44467	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	Result	RL Units	Dilution	RL
TCLP Silver		<0.125	mg/L	1	0.125
TCLP Arsenic		**0.272**	mg/L	1	0.100
TCLP Barium		**1.80**	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.000500	mg/L	1	0.000500
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 146709 - Cell 19

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued . . .

sample 146709 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 146710 - Cell 17

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Bicarbonate Alkalinity		**58.0**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**58.0**	mg/Kg as CaCo3	1	4.00

Sample: 146710 - Cell 17

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44298	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38164	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.994	mg/Kg	1	1.00	99	69.3 - 103
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	1	1.00	109	68.8 - 120

Sample: 146710 - Cell 17

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**45800**	mg/Kg	10	100

Sample: 146710 - Cell 17

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**528**	mg/Kg	50	1.00

Sample: 146710 - Cell 17

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44348	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38200	Sample Preparation:	2008-01-02	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Specific Conductance		**1940**	uMHOS/cm	1	0.00

Sample: 146710 - Cell 17

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Potassium		**1070**	mg/Kg	1	100

Sample: 146710 - Cell 17

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Magnesium		**1810**	mg/Kg	1	100

Sample: 146710 - Cell 17

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Sodium		**856**	mg/Kg	1	100

Sample: 146710 - Cell 17

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44372	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38225	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	Result	RL Units	Dilution	RL
pH		**8.30**	s.u.	1	0.00

Sample: 146710 - Cell 17

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Sulfate		**198**	mg/Kg	50	0.200

Sample: 146710 - Cell 17

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44467	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	Result	RL Units	Dilution	RL
TCLP Silver		<0.125	mg/L	1	0.125
TCLP Arsenic		**0.300**	mg/L	1	0.100
TCLP Barium		**1.50**	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.000500	mg/L	1	0.000500
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 146710 - Cell 17

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued ...

sample 146710 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 146711 - Cell 15

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	44471	Date Analyzed:	2008-01-08	Analyzed By:	AB
Prep Batch:	38304	Sample Preparation:	2008-01-08	Prepared By:	AB

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	5	1.00
Carbonate Alkalinity		<5.00	mg/Kg as CaCo3	5	1.00
Bicarbonate Alkalinity		**350**	mg/Kg as CaCo3	5	4.00
Total Alkalinity		**350**	mg/Kg as CaCo3	5	4.00

Sample: 146711 - Cell 15

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44298	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38164	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.972	mg/Kg	1	1.00	97	69.3 - 103
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	1	1.00	104	68.8 - 120

Sample: 146711 - Cell 15

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**8500**	mg/Kg	1	100

Sample: 146711 - Cell 15

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44477	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38309	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**3430**	mg/Kg	500	1.00

Sample: 146711 - Cell 15

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44348	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38200	Sample Preparation:	2008-01-02	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**10900**	uMHOS/cm	1	0.00

Sample: 146711 - Cell 15

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Potassium		**1580**	mg/Kg	1	100

Sample: 146711 - Cell 15

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Magnesium		**1730**	mg/Kg	1	100

Sample: 146711 - Cell 15

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Sodium		**3360**	mg/Kg	1	100

Sample: 146711 - Cell 15

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44372	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38225	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	RL Result	Units	Dilution	RL
pH		**7.61**	s.u.	1	0.00

Sample: 146711 - Cell 15

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44477	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38309	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**554**	mg/Kg	50	0.200

Sample: 146711 - Cell 15

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44467	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
TCLP Silver		<0.125	mg/L	1	0.125
TCLP Arsenic		<0.100	mg/L	1	0.100
TCLP Barium		**1.52**	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.000500	mg/L	1	0.000500
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 146711 - Cell 15

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued ...

sample 146711 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 146712 - Cell 16

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Bicarbonate Alkalinity		**140**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**140**	mg/Kg as CaCo3	1	4.00

Sample: 146712 - Cell 16

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44298	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38164	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[1]	1.09	mg/Kg	1	1.00	109	69.3 - 103
4-Bromofluorobenzene (4-BFB)		1.19	mg/Kg	1	1.00	119	68.8 - 120

Sample: 146712 - Cell 16

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**60400**	mg/Kg	10	100

[1] High surrogate recovery due to peak interference.

Sample: 146712 - Cell 16

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**374**	mg/Kg	50	1.00

Sample: 146712 - Cell 16

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44348	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38200	Sample Preparation:	2008-01-02	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**1540**	uMHOS/cm	1	0.00

Sample: 146712 - Cell 16

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Potassium		**1080**	mg/Kg	1	100

Sample: 146712 - Cell 16

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Magnesium		**2270**	mg/Kg	1	100

Sample: 146712 - Cell 16

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Sodium		**1120**	mg/Kg	1	100

Sample: 146712 - Cell 16

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44372	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38225	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	Result	RL Units	Dilution	RL
pH		**8.24**	s.u.	1	0.00

Sample: 146712 - Cell 16

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Sulfate		**227**	mg/Kg	50	0.200

Sample: 146712 - Cell 16

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44467	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	Result	RL Units	Dilution	RL
TCLP Silver		<0.125	mg/L	1	0.125
TCLP Arsenic		<0.100	mg/L	1	0.100
TCLP Barium		**2.11**	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.000500	mg/L	1	0.000500
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 146712 - Cell 16

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued ...

sample 146712 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 146713 - Cell 14

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Bicarbonate Alkalinity		**40.0**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**40.0**	mg/Kg as CaCo3	1	4.00

Sample: 146713 - Cell 14

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44298	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38164	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[2]	1.06	mg/Kg	1	1.00	106	69.3 - 103
4-Bromofluorobenzene (4-BFB)	[3]	1.24	mg/Kg	1	1.00	124	68.8 - 120

Sample: 146713 - Cell 14

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**4650**	mg/Kg	1	100

[2]High surrogate recovery. Sample non-detect, result bias high.
[3]High surrogate recovery. Sample non-detect, result bias high.

Sample: 146713 - Cell 14

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**1250**	mg/Kg	100	1.00

Sample: 146713 - Cell 14

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44348	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38200	Sample Preparation:	2008-01-02	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**4580**	uMHOS/cm	1	0.00

Sample: 146713 - Cell 14

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Potassium		**1320**	mg/Kg	1	100

Sample: 146713 - Cell 14

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Magnesium		**1780**	mg/Kg	1	100

Sample: 146713 - Cell 14

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Sodium		**1010**	mg/Kg	1	100

Sample: 146713 - Cell 14

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44372	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38225	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	RL Result	Units	Dilution	RL
pH		**7.94**	s.u.	1	0.00

Sample: 146713 - Cell 14

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**210**	mg/Kg	100	0.200

Sample: 146713 - Cell 14

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44467	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
TCLP Silver		<0.125	mg/L	1	0.125
TCLP Arsenic		**0.425**	mg/L	1	0.100
TCLP Barium		**1.55**	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.000500	mg/L	1	0.000500
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 146713 - Cell 14

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued ...

sample 146713 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 146714 - Cell 13

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	44471	Date Analyzed:	2008-01-08	Analyzed By:	AB
Prep Batch:	38304	Sample Preparation:	2008-01-08	Prepared By:	AB

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	5	1.00
Carbonate Alkalinity		<5.00	mg/Kg as CaCo3	5	1.00
Bicarbonate Alkalinity		**180**	mg/Kg as CaCo3	5	4.00
Total Alkalinity		**180**	mg/Kg as CaCo3	5	4.00

Sample: 146714 - Cell 13

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44298	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38164	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[4]	1.08	mg/Kg	1	1.00	108	69.3 - 103
4-Bromofluorobenzene (4-BFB)		1.13	mg/Kg	1	1.00	113	68.8 - 120

Sample: 146714 - Cell 13

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**27600**	mg/Kg	10	100

[4] High surrogate recovery. Sample non-detect, result bias high.

Sample: 146714 - Cell 13

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44477	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38309	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**376**	mg/Kg	50	1.00

Sample: 146714 - Cell 13

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44348	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38200	Sample Preparation:	2008-01-02	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Specific Conductance		**1860**	uMHOS/cm	1	0.00

Sample: 146714 - Cell 13

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Potassium		**2430**	mg/Kg	1	100

Sample: 146714 - Cell 13

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Magnesium		**3130**	mg/Kg	1	100

Sample: 146714 - Cell 13

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Sodium		**571**	mg/Kg	1	100

Sample: 146714 - Cell 13

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44372	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38225	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	Result	RL Units	Dilution	RL
pH		**7.75**	s.u.	1	0.00

Sample: 146714 - Cell 13

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44477	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38309	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Sulfate		**392**	mg/Kg	50	0.200

Sample: 146714 - Cell 13

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44467	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	Result	RL Units	Dilution	RL
TCLP Silver		<0.125	mg/L	1	0.125
TCLP Arsenic		**0.340**	mg/L	1	0.100
TCLP Barium		**1.64**	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.000500	mg/L	1	0.000500
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 146714 - Cell 13

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued ...

sample 146714 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 146715 - Cell 12

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Bicarbonate Alkalinity		**36.0**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**36.0**	mg/Kg as CaCo3	1	4.00

Sample: 146715 - Cell 12

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44298	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38164	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.958	mg/Kg	1	1.00	96	69.3 - 103
4-Bromofluorobenzene (4-BFB)		1.11	mg/Kg	1	1.00	111	68.8 - 120

Sample: 146715 - Cell 12

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**1420**	mg/Kg	1	100

Sample: 146715 - Cell 12

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**531**	mg/Kg	50	1.00

Sample: 146715 - Cell 12

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44348	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38200	Sample Preparation:	2008-01-02	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**2130**	uMHOS/cm	1	0.00

Sample: 146715 - Cell 12

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Potassium		**1420**	mg/Kg	1	100

Sample: 146715 - Cell 12

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Magnesium		**1250**	mg/Kg	1	100

Sample: 146715 - Cell 12

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Sodium		**667**	mg/Kg	1	100

Sample: 146715 - Cell 12

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44372	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38225	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**7.87**		s.u.	1	0.00

Sample: 146715 - Cell 12

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**195**		mg/Kg	50	0.200

Sample: 146715 - Cell 12

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44467	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**1.32**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500
TCLP Chromium		<0.100		mg/L	1	0.100
TCLP Mercury		<0.000500		mg/L	1	0.000500
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 146715 - Cell 12

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued ...

sample 146715 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 146716 - Cell 11

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Bicarbonate Alkalinity		**40.0**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**40.0**	mg/Kg as CaCo3	1	4.00

Sample: 146716 - Cell 11

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44298	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38164	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.01	mg/Kg	1	1.00	101	69.3 - 103
4-Bromofluorobenzene (4-BFB)		1.03	mg/Kg	1	1.00	103	68.8 - 120

Sample: 146716 - Cell 11

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**35700**	mg/Kg	10	100

Sample: 146716 - Cell 11

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**213**		mg/Kg	50	1.00

Sample: 146716 - Cell 11

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44348	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38200	Sample Preparation:	2008-01-02	Prepared By:	ER

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**1090**		uMHOS/cm	1	0.00

Sample: 146716 - Cell 11

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Potassium		**1410**		mg/Kg	1	100

Sample: 146716 - Cell 11

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Magnesium		**2580**		mg/Kg	1	100

Sample: 146716 - Cell 11

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44464	Date Analyzed:	2008-01-04	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Sodium		**316**		mg/Kg	1	100

Sample: 146716 - Cell 11

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44372	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38225	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	Result	RL Units	Dilution	RL
pH		**7.85**	s.u.	1	0.00

Sample: 146716 - Cell 11

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Sulfate		**219**	mg/Kg	50	0.200

Sample: 146716 - Cell 11

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44467	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	Result	RL Units	Dilution	RL
TCLP Silver		<0.125	mg/L	1	0.125
TCLP Arsenic		<0.100	mg/L	1	0.100
TCLP Barium		**1.79**	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.000500	mg/L	1	0.000500
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 146716 - Cell 11

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued ...

sample 146716 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 146717 - Cell 10

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	44471	Date Analyzed:	2008-01-08	Analyzed By:	AB
Prep Batch:	38304	Sample Preparation:	2008-01-08	Prepared By:	AB

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	5	1.00
Carbonate Alkalinity		<5.00	mg/Kg as CaCo3	5	1.00
Bicarbonate Alkalinity		**170**	mg/Kg as CaCo3	5	4.00
Total Alkalinity		**170**	mg/Kg as CaCo3	5	4.00

Sample: 146717 - Cell 10

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44298	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38164	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[5]	1.07	mg/Kg	1	1.00	107	69.3 - 103
4-Bromofluorobenzene (4-BFB)		1.19	mg/Kg	1	1.00	119	68.8 - 120

Sample: 146717 - Cell 10

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**91300**	mg/Kg	10	100

[5] High surrogate recovery. Sample non-detect, result bias high.

Sample: 146717 - Cell 10

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44496	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38325	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**269**		mg/Kg	50	1.00

Sample: 146717 - Cell 10

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44352	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38203	Sample Preparation:	2008-01-12	Prepared By:	ER

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**3800**		uMHOS/cm	1	0.00

Sample: 146717 - Cell 10

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Potassium		**1220**		mg/Kg	1	100

Sample: 146717 - Cell 10

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Magnesium		**4320**		mg/Kg	1	100

Sample: 146717 - Cell 10

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Sodium		**996**		mg/Kg	1	100

Sample: 146717 - Cell 10

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44373	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38226	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	Result	RL Units	Dilution	RL
pH		**8.23**	s.u.	1	0.00

Sample: 146717 - Cell 10

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44477	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38309	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Sulfate		**2420**	mg/Kg	100	0.200

Sample: 146717 - Cell 10

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44468	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	Result	RL Units	Dilution	RL
TCLP Silver		<0.125	mg/L	1	0.125
TCLP Arsenic		<0.100	mg/L	1	0.100
TCLP Barium		**1.30**	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.000500	mg/L	1	0.000500
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 146717 - Cell 10

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued . . .

sample 146717 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 146718 - Cell 9

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	44471	Date Analyzed:	2008-01-08	Analyzed By:	AB
Prep Batch:	38304	Sample Preparation:	2008-01-08	Prepared By:	AB

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	5	1.00
Carbonate Alkalinity		<5.00	mg/Kg as CaCo3	5	1.00
Bicarbonate Alkalinity		**280**	mg/Kg as CaCo3	5	4.00
Total Alkalinity		**280**	mg/Kg as CaCo3	5	4.00

Sample: 146718 - Cell 9

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44298	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38164	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[6]	1.07	mg/Kg	1	1.00	107	69.3 - 103
4-Bromofluorobenzene (4-BFB)		1.12	mg/Kg	1	1.00	112	68.8 - 120

Sample: 146718 - Cell 9

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**35600**	mg/Kg	10	100

[6]High surrogate recovery. Sample non-detect, result bias high.

Sample: 146718 - Cell 9

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44477	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38309	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**98.2**	mg/Kg	5	1.00

Sample: 146718 - Cell 9

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44352	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38203	Sample Preparation:	2008-01-12	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Specific Conductance		**749**	uMHOS/cm	1	0.00

Sample: 146718 - Cell 9

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Potassium		**1710**	mg/Kg	1	100

Sample: 146718 - Cell 9

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Magnesium		**3120**	mg/Kg	1	100

Sample: 146718 - Cell 9

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Sodium		**830**	mg/Kg	1	100

Sample: 146718 - Cell 9

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44373	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38226	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	Result	RL Units	Dilution	RL
pH		**8.76**	s.u.	1	0.00

Sample: 146718 - Cell 9

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44477	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38309	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Sulfate		**222**	mg/Kg	5	0.200

Sample: 146718 - Cell 9

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44468	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	Result	RL Units	Dilution	RL
TCLP Silver		<0.125	mg/L	1	0.125
TCLP Arsenic		<0.100	mg/L	1	0.100
TCLP Barium		**1.63**	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.000500	mg/L	1	0.000500
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 146718 - Cell 9

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued . . .

sample 146718 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 146719 - Cell 8

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	44471	Date Analyzed:	2008-01-08	Analyzed By:	AB
Prep Batch:	38304	Sample Preparation:	2008-01-08	Prepared By:	AB

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	5	1.00
Carbonate Alkalinity		<5.00	mg/Kg as CaCo3	5	1.00
Bicarbonate Alkalinity		**120**	mg/Kg as CaCo3	5	4.00
Total Alkalinity		**120**	mg/Kg as CaCo3	5	4.00

Sample: 146719 - Cell 8

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44298	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38164	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[7]	1.06	mg/Kg	1	1.00	106	69.3 - 103
4-Bromofluorobenzene (4-BFB)		1.13	mg/Kg	1	1.00	113	68.8 - 120

Sample: 146719 - Cell 8

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**117000**	mg/Kg	20	100

[7]High surrogate recovery. Sample non-detect, result bias high.

Sample: 146719 - Cell 8

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44496	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38325	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**70.8**	mg/Kg	5	1.00

Sample: 146719 - Cell 8

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44352	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38203	Sample Preparation:	2008-01-12	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Specific Conductance		**2740**	uMHOS/cm	1	0.00

Sample: 146719 - Cell 8

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Potassium		**843**	mg/Kg	1	100

Sample: 146719 - Cell 8

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Magnesium		**3040**	mg/Kg	1	100

Sample: 146719 - Cell 8

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Sodium		**492**	mg/Kg	1	100

Sample: 146719 - Cell 8

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44373	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38226	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	Result	RL Units	Dilution	RL
pH		**7.87**	s.u.	1	0.00

Sample: 146719 - Cell 8

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44496	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38325	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Sulfate		**4140**	mg/Kg	100	0.200

Sample: 146719 - Cell 8

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44468	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	Result	RL Units	Dilution	RL
TCLP Silver		<0.125	mg/L	1	0.125
TCLP Arsenic		<0.100	mg/L	1	0.100
TCLP Barium		**1.05**	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.000500	mg/L	1	0.000500
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 146719 - Cell 8

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued ...

sample 146719 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 146720 - Cell 7

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Bicarbonate Alkalinity		**46.0**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**46.0**	mg/Kg as CaCo3	1	4.00

Sample: 146720 - Cell 7

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44298	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38164	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[8]	1.07	mg/Kg	1	1.00	107	69.3 - 103
4-Bromofluorobenzene (4-BFB)		1.15	mg/Kg	1	1.00	115	68.8 - 120

Sample: 146720 - Cell 7

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**40200**	mg/Kg	10	100

[8] High surrogate recovery. Sample non-detect, result bias high.

Sample: 146720 - Cell 7

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**165**		mg/Kg	50	1.00

Sample: 146720 - Cell 7

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44352	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38203	Sample Preparation:	2008-01-12	Prepared By:	ER

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**997**		uMHOS/cm	1	0.00

Sample: 146720 - Cell 7

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Potassium		**1950**		mg/Kg	1	100

Sample: 146720 - Cell 7

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Magnesium		**3130**		mg/Kg	1	100

Sample: 146720 - Cell 7

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Sodium		**359**		mg/Kg	1	100

Sample: 146720 - Cell 7

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44373	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38226	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**7.93**		s.u.	1	0.00

Sample: 146720 - Cell 7

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**242**		mg/Kg	50	0.200

Sample: 146720 - Cell 7

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44468	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		**0.408**		mg/L	1	0.100
TCLP Barium		**1.62**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500
TCLP Chromium		<0.100		mg/L	1	0.100
TCLP Mercury		<0.000500		mg/L	1	0.000500
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 146720 - Cell 7

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued ...

sample 146720 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 146721 - Cell 6

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	44471	Date Analyzed:	2008-01-08	Analyzed By:	AB
Prep Batch:	38304	Sample Preparation:	2008-01-08	Prepared By:	AB

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	5	1.00
Carbonate Alkalinity		<5.00	mg/Kg as CaCo3	5	1.00
Bicarbonate Alkalinity		**570**	mg/Kg as CaCo3	5	4.00
Total Alkalinity		**570**	mg/Kg as CaCo3	5	4.00

Sample: 146721 - Cell 6

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44298	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38164	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.03	mg/Kg	1	1.00	103	69.3 - 103
4-Bromofluorobenzene (4-BFB)		1.16	mg/Kg	1	1.00	116	68.8 - 120

Sample: 146721 - Cell 6

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**28900**	mg/Kg	10	100

Sample: 146721 - Cell 6

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44496	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38325	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**48.4**	mg/Kg	5	1.00

Sample: 146721 - Cell 6

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44352	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38203	Sample Preparation:	2008-01-12	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**737**	uMHOS/cm	1	0.00

Sample: 146721 - Cell 6

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Potassium		**1640**	mg/Kg	1	100

Sample: 146721 - Cell 6

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Magnesium		**2160**	mg/Kg	1	100

Sample: 146721 - Cell 6

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Sodium		**830**	mg/Kg	1	100

Sample: 146721 - Cell 6

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44373	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38226	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	Result	RL Units	Dilution	RL
pH		**8.56**	s.u.	1	0.00

Sample: 146721 - Cell 6

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44496	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38325	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Sulfate		**348**	mg/Kg	10	0.200

Sample: 146721 - Cell 6

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44468	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	Result	RL Units	Dilution	RL
TCLP Silver		<0.125	mg/L	1	0.125
TCLP Arsenic		<0.100	mg/L	1	0.100
TCLP Barium		**1.72**	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.000500	mg/L	1	0.000500
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 146721 - Cell 6

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued ...

sample 146721 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 146722 - Cell 5

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Bicarbonate Alkalinity		**54.0**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**54.0**	mg/Kg as CaCo3	1	4.00

Sample: 146722 - Cell 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44298	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38164	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.993	mg/Kg	1	1.00	99	69.3 - 103
4-Bromofluorobenzene (4-BFB)		1.01	mg/Kg	1	1.00	101	68.8 - 120

Sample: 146722 - Cell 5

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**53600**	mg/Kg	10	100

Sample: 146722 - Cell 5

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**41.1**	mg/Kg	5	1.00

Sample: 146722 - Cell 5

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44352	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38203	Sample Preparation:	2008-01-12	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**546**	uMHOS/cm	1	0.00

Sample: 146722 - Cell 5

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Potassium		**1730**	mg/Kg	1	100

Sample: 146722 - Cell 5

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Magnesium		**2640**	mg/Kg	1	100

Sample: 146722 - Cell 5

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Sodium		**523**	mg/Kg	1	100

Sample: 146722 - Cell 5

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44373	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38226	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	RL Result	Units	Dilution	RL
pH		**8.21**	s.u.	1	0.00

Sample: 146722 - Cell 5

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**114**	mg/Kg	5	0.200

Sample: 146722 - Cell 5

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44468	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
TCLP Silver		<0.125	mg/L	1	0.125
TCLP Arsenic		<0.100	mg/L	1	0.100
TCLP Barium		**1.93**	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.000500	mg/L	1	0.000500
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 146722 - Cell 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued ...

sample 146722 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 146723 - Cell 4

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Bicarbonate Alkalinity		**171**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**171**	mg/Kg as CaCo3	1	4.00

Sample: 146723 - Cell 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44298	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38164	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[9]	1.05	mg/Kg	1	1.00	105	69.3 - 103
4-Bromofluorobenzene (4-BFB)		1.20	mg/Kg	1	1.00	120	68.8 - 120

Sample: 146723 - Cell 4

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**85600**	mg/Kg	10	100

[9]High surrogate recovery. Sample non-detect, result bias high.

Sample: 146723 - Cell 4

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**129**	mg/Kg	50	1.00

Sample: 146723 - Cell 4

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44352	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38203	Sample Preparation:	2008-01-12	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Specific Conductance		**969**	uMHOS/cm	1	0.00

Sample: 146723 - Cell 4

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Potassium		**1010**	mg/Kg	1	100

Sample: 146723 - Cell 4

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Magnesium		**2200**	mg/Kg	1	100

Sample: 146723 - Cell 4

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Sodium		**547**	mg/Kg	1	100

Sample: 146723 - Cell 4

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44373	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38226	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	Result	RL Units	Dilution	RL
pH		**8.43**	s.u.	1	0.00

Sample: 146723 - Cell 4

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Sulfate		**316**	mg/Kg	50	0.200

Sample: 146723 - Cell 4

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44468	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	Result	RL Units	Dilution	RL
TCLP Silver		<0.125	mg/L	1	0.125
TCLP Arsenic		**0.327**	mg/L	1	0.100
TCLP Barium		**1.45**	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.000500	mg/L	1	0.000500
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 146723 - Cell 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued ...

sample 146723 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 146724 - Cell 3

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	44471	Date Analyzed:	2008-01-08	Analyzed By:	AB
Prep Batch:	38304	Sample Preparation:	2008-01-08	Prepared By:	AB

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	5	1.00
Carbonate Alkalinity		<5.00	mg/Kg as CaCo3	5	1.00
Bicarbonate Alkalinity		**130**	mg/Kg as CaCo3	5	4.00
Total Alkalinity		**130**	mg/Kg as CaCo3	5	4.00

Sample: 146724 - Cell 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44299	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38166	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.883	mg/Kg	1	1.00	88	65.4 - 124
4-Bromofluorobenzene (4-BFB)		0.839	mg/Kg	1	1.00	84	73.9 - 138

Sample: 146724 - Cell 3

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**149000**	mg/Kg	40	100

Sample: 146724 - Cell 3

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44496	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38325	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**63.0**	mg/Kg	5	1.00

Sample: 146724 - Cell 3

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44352	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38203	Sample Preparation:	2008-01-12	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Specific Conductance		**2800**	uMHOS/cm	1	0.00

Sample: 146724 - Cell 3

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Potassium		**774**	mg/Kg	1	100

Sample: 146724 - Cell 3

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Magnesium		**2290**	mg/Kg	1	100

Sample: 146724 - Cell 3

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Sodium		**498**	mg/Kg	1	100

Sample: 146724 - Cell 3

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44373	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38226	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	RL Result	Units	Dilution	RL
pH		**8.03**	s.u.	1	0.00

Sample: 146724 - Cell 3

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44496	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38325	Sample Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**2240**	mg/Kg	50	0.200

Sample: 146724 - Cell 3

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44468	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
TCLP Silver		<0.125	mg/L	1	0.125
TCLP Arsenic		<0.100	mg/L	1	0.100
TCLP Barium		**1.15**	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.000500	mg/L	1	0.000500
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 146724 - Cell 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued ...

sample 146724 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 146725 - Cell 2

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Bicarbonate Alkalinity		**180**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**180**	mg/Kg as CaCo3	1	4.00

Sample: 146725 - Cell 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44299	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38166	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.944	mg/Kg	1	1.00	94	65.4 - 124
4-Bromofluorobenzene (4-BFB)		0.907	mg/Kg	1	1.00	91	73.9 - 138

Sample: 146725 - Cell 2

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**13700**	mg/Kg	10	100

Sample: 146725 - Cell 2

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**466**	mg/Kg	50	1.00

Sample: 146725 - Cell 2

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44352	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38203	Sample Preparation:	2008-01-12	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Specific Conductance		**2030**	uMHOS/cm	1	0.00

Sample: 146725 - Cell 2

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Potassium		**2020**	mg/Kg	1	100

Sample: 146725 - Cell 2

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Magnesium		**2810**	mg/Kg	1	100

Sample: 146725 - Cell 2

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Sodium		**388**	mg/Kg	1	100

Sample: 146725 - Cell 2

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44373	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38226	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	Result	RL Units	Dilution	RL
pH		**7.88**	s.u.	1	0.00

Sample: 146725 - Cell 2

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Sulfate		**268**	mg/Kg	50	0.200

Sample: 146725 - Cell 2

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44468	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	Result	RL Units	Dilution	RL
TCLP Silver		<0.125	mg/L	1	0.125
TCLP Arsenic		**0.379**	mg/L	1	0.100
TCLP Barium		**1.47**	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.000500	mg/L	1	0.000500
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 146725 - Cell 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued ...

sample 146725 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 146726 - Cell 1

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	44472	Date Analyzed:	2008-01-08	Analyzed By:	AB
Prep Batch:	38305	Sample Preparation:	2008-01-08	Prepared By:	AB

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<5.00	mg/Kg as CaCo3	5	1.00
Carbonate Alkalinity		<5.00	mg/Kg as CaCo3	5	1.00
Bicarbonate Alkalinity		**90.0**	mg/Kg as CaCo3	5	4.00
Total Alkalinity		**90.0**	mg/Kg as CaCo3	5	4.00

Sample: 146726 - Cell 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	44299	Date Analyzed:	2007-12-31	Analyzed By:	KB
Prep Batch:	38166	Sample Preparation:	2007-12-31	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.891	mg/Kg	1	1.00	89	65.4 - 124
4-Bromofluorobenzene (4-BFB)		0.870	mg/Kg	1	1.00	87	73.9 - 138

Sample: 146726 - Cell 1

Analysis:	Ca, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**188000**	mg/Kg	40	100

Sample: 146726 - Cell 1

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**1540**	mg/Kg	100	1.00

Sample: 146726 - Cell 1

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	44352	Date Analyzed:	2008-01-02	Analyzed By:	ER
Prep Batch:	38203	Sample Preparation:	2008-01-12	Prepared By:	ER

Parameter	Flag	Result	RL Units	Dilution	RL
Specific Conductance		**5360**	uMHOS/cm	1	0.00

Sample: 146726 - Cell 1

Analysis:	K, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Potassium		**1440**	mg/Kg	1	100

Sample: 146726 - Cell 1

Analysis:	Mg, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Magnesium		**6650**	mg/Kg	1	100

Sample: 146726 - Cell 1

Analysis:	Na, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	44465	Date Analyzed:	2008-01-05	Analyzed By:	TP
Prep Batch:	38252	Sample Preparation:	2008-01-04	Prepared By:	KV

Parameter	Flag	Result	RL Units	Dilution	RL
Total Sodium		**3100**	mg/Kg	1	100

Sample: 146726 - Cell 1

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	44373	Date Analyzed:	2008-01-02	Analyzed By:	AB
Prep Batch:	38226	Sample Preparation:	2008-01-02	Prepared By:	AB

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**7.86**		s.u.	1	0.00

Sample: 146726 - Cell 1

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	44405	Date Analyzed:	2008-01-03	Analyzed By:	ER
Prep Batch:	38244	Sample Preparation:	2008-01-03	Prepared By:	ER

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**988**		mg/Kg	100	0.200

Sample: 146726 - Cell 1

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	44462	Date Analyzed:	2008-01-08	Analyzed By:	RR
Prep Batch:	38268	TCLP Extraction:	2008-01-04	Prepared By:	KV
		Sample Preparation:	2008-01-07	Prepared By:	KV
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	44468	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	TCLP Extraction:		Prepared By:	TP
		Sample Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**0.777**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500
TCLP Chromium		<0.100		mg/L	1	0.100
TCLP Mercury		<0.000500		mg/L	1	0.000500
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 146726 - Cell 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	44440	Date Analyzed:	2008-01-07	Analyzed By:	RM
Prep Batch:	38280	Sample Preparation:	2008-01-04	Prepared By:	RM

continued ...

sample 146726 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Method Blank (1) QC Batch: 44298

QC Batch: 44298 Date Analyzed: 2007-12-31 Analyzed By: KB
Prep Batch: 38164 QC Preparation: 2007-12-31 Prepared By: KB

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000860	mg/Kg	0.01
Toluene		<0.00210	mg/Kg	0.01
Ethylbenzene		<0.00988	mg/Kg	0.01
Xylene		<0.00163	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.926	mg/Kg	1	1.00	93	72.9 - 113
4-Bromofluorobenzene (4-BFB)		0.737	mg/Kg	1	1.00	74	62.6 - 112

Method Blank (1) QC Batch: 44299

QC Batch: 44299 Date Analyzed: 2007-12-31 Analyzed By: KB
Prep Batch: 38166 QC Preparation: 2007-12-31 Prepared By: KB

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00333	mg/Kg	0.01
Toluene		<0.00372	mg/Kg	0.01
Ethylbenzene		<0.00206	mg/Kg	0.01
Xylene		<0.00259	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.950	mg/Kg	1	1.00	95	74.3 - 112
4-Bromofluorobenzene (4-BFB)		0.490	mg/Kg	1	1.00	49	43.1 - 98.8

Method Blank (1) QC Batch: 44348

QC Batch: 44348 Date Analyzed: 2008-01-02 Analyzed By: ER
Prep Batch: 38200 QC Preparation: 2008-01-02 Prepared By: ER

Parameter	Flag	MDL Result	Units	RL
Specific Conductance		1.85	uMHOS/cm	0

Method Blank (1) QC Batch: 44352

QC Batch: 44352 Date Analyzed: 2008-01-02 Analyzed By: ER
Prep Batch: 38203 QC Preparation: 2008-01-02 Prepared By: ER

Parameter	Flag	MDL Result	Units	RL
Specific Conductance		1.85	uMHOS/cm	0

Method Blank (1) QC Batch: 44404

QC Batch: 44404 Date Analyzed: Analyzed By:
Prep Batch: QC Preparation: Prepared By:

Parameter	Flag	MDL Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1
Bicarbonate Alkalinity		<4.00	mg/Kg as CaCo3	4
Total Alkalinity		<4.00	mg/Kg as CaCo3	4

Method Blank (1) QC Batch: 44405

QC Batch: 44405 Date Analyzed: 2008-01-03 Analyzed By: ER
Prep Batch: 38244 QC Preparation: 2008-01-03 Prepared By: ER

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.140	mg/Kg	1

Method Blank (1) QC Batch: 44405

QC Batch: 44405 Date Analyzed: 2008-01-03 Analyzed By: ER
Prep Batch: 38244 QC Preparation: 2008-01-03 Prepared By: ER

Parameter	Flag	MDL Result	Units	RL
Sulfate		<0.0805	mg/Kg	2

Method Blank (1) QC Batch: 44440

QC Batch: 44440 Date Analyzed: 2008-01-07 Analyzed By: RM
Prep Batch: 38280 QC Preparation: 2008-01-04 Prepared By: RM

Parameter	Flag	MDL Result	Units	RL
TRPHC		<5.86	mg/Kg	10

Method Blank (1) QC Batch: 44462

QC Batch: 44462 Date Analyzed: 2008-01-08 Analyzed By: RR
Prep Batch: 38268 QC Preparation: 2008-01-06 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
TCLP Silver		<0.00780	mg/L	0.125
TCLP Arsenic		<0.0590	mg/L	0.1
TCLP Barium		<0.00340	mg/L	0.1
TCLP Cadmium		<0.00270	mg/L	0.05
TCLP Chromium		<0.00660	mg/L	0.1
TCLP Lead		<0.0370	mg/L	0.1
TCLP Selenium		<0.100	mg/L	0.5

Method Blank (1) QC Batch: 44464

QC Batch: 44464 Date Analyzed: 2008-01-04 Analyzed By: TP
Prep Batch: 38252 QC Preparation: 2008-01-04 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Calcium		<50.9	mg/Kg	100

Method Blank (1) QC Batch: 44464

QC Batch: 44464 Date Analyzed: 2008-01-04 Analyzed By: TP
Prep Batch: 38252 QC Preparation: 2008-01-04 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Potassium		<13.9	mg/Kg	100

Method Blank (1) QC Batch: 44464

QC Batch: 44464 Date Analyzed: 2008-01-04 Analyzed By: TP
Prep Batch: 38252 QC Preparation: 2008-01-04 Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Magnesium		<7.65	mg/Kg	100

Method Blank (1) QC Batch: 44464

QC Batch: 44464 | Date Analyzed: 2008-01-04 | Analyzed By: TP
Prep Batch: 38252 | QC Preparation: 2008-01-04 | Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Sodium		<24.5	mg/Kg	100

Method Blank (1) QC Batch: 44465

QC Batch: 44465 | Date Analyzed: 2008-01-05 | Analyzed By: TP
Prep Batch: 38252 | QC Preparation: 2008-01-04 | Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Calcium		<50.9	mg/Kg	100

Method Blank (1) QC Batch: 44465

QC Batch: 44465 | Date Analyzed: 2008-01-05 | Analyzed By: TP
Prep Batch: 38252 | QC Preparation: 2008-01-04 | Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Potassium		<13.9	mg/Kg	100

Method Blank (1) QC Batch: 44465

QC Batch: 44465 | Date Analyzed: 2008-01-05 | Analyzed By: TP
Prep Batch: 38252 | QC Preparation: 2008-01-04 | Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Magnesium		<7.65	mg/Kg	100

Method Blank (1) QC Batch: 44465

QC Batch: 44465 | Date Analyzed: 2008-01-05 | Analyzed By: TP
Prep Batch: 38252 | QC Preparation: 2008-01-04 | Prepared By: KV

Parameter	Flag	MDL Result	Units	RL
Total Sodium		<24.5	mg/Kg	100

Method Blank (1) QC Batch: 44467

QC Batch:	44467	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	QC Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	MDL Result	Units	RL
TCLP Mercury		<0.0000610	mg/L	0.0005

Method Blank (1) QC Batch: 44468

QC Batch:	44468	Date Analyzed:	2008-01-08	Analyzed By:	TP
Prep Batch:	38299	QC Preparation:	2008-01-08	Prepared By:	TP

Parameter	Flag	MDL Result	Units	RL
TCLP Mercury		<0.0000610	mg/L	0.0005

Method Blank (1) QC Batch: 44471

QC Batch:	44471	Date Analyzed:	2008-01-08	Analyzed By:	AB
Prep Batch:	38304	QC Preparation:	2008-01-08	Prepared By:	AB

Parameter	Flag	MDL Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1
Bicarbonate Alkalinity		<4.00	mg/Kg as CaCo3	4
Total Alkalinity		<4.00	mg/Kg as CaCo3	4

Method Blank (1) QC Batch: 44472

QC Batch:	44472	Date Analyzed:	2008-01-08	Analyzed By:	AB
Prep Batch:	38305	QC Preparation:	2008-01-08	Prepared By:	AB

Parameter	Flag	MDL Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1
Bicarbonate Alkalinity		<4.00	mg/Kg as CaCo3	4
Total Alkalinity		<4.00	mg/Kg as CaCo3	4

Method Blank (1) QC Batch: 44477

QC Batch:	44477	Date Analyzed:	2008-01-08	Analyzed By:	ER
Prep Batch:	38309	QC Preparation:	2008-01-08	Prepared By:	ER

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.140	mg/Kg	1

Method Blank (1) QC Batch: 44477

QC Batch: 44477 Date Analyzed: 2008-01-08 Analyzed By: ER
Prep Batch: 38309 QC Preparation: 2008-01-08 Prepared By: ER

Parameter	Flag	MDL Result	Units	RL
Sulfate		<0.0805	mg/Kg	2

Method Blank (1) QC Batch: 44496

QC Batch: 44496 Date Analyzed: 2008-01-08 Analyzed By: ER
Prep Batch: 38325 QC Preparation: 2008-01-08 Prepared By: ER

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.140	mg/Kg	1

Method Blank (1) QC Batch: 44496

QC Batch: 44496 Date Analyzed: 2008-01-08 Analyzed By: ER
Prep Batch: 38325 QC Preparation: 2008-01-08 Prepared By: ER

Parameter	Flag	MDL Result	Units	RL
Sulfate		<0.0805	mg/Kg	2

Duplicates (1)

QC Batch: 44348 Date Analyzed: 2008-01-02 Analyzed By: ER
Prep Batch: 38200 QC Preparation: 2008-01-02 Prepared By: ER

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Specific Conductance	1070	1090	uMHOS/cm	1	2	2.4

Duplicates (1)

QC Batch: 44352 Date Analyzed: 2008-01-02 Analyzed By: ER
Prep Batch: 38203 QC Preparation: 2008-01-02 Prepared By: ER

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Specific Conductance	5330	5360	uMHOS/cm	1	1	2.4

Duplicates (1)

QC Batch: 44372 | Date Analyzed: 2008-01-02 | Analyzed By: AB
Prep Batch: 38225 | QC Preparation: 2008-01-02 | Prepared By: AB

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
pH	7.92	7.85	s.u.	1	1	3.1

Duplicates (1)

QC Batch: 44373 | Date Analyzed: 2008-01-02 | Analyzed By: AB
Prep Batch: 38226 | QC Preparation: 2008-01-02 | Prepared By: AB

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
pH	7.84	7.86	s.u.	1	0	3.1

Laboratory Control Spike (LCS-1)

QC Batch: 44298 | Date Analyzed: 2007-12-31 | Analyzed By: KB
Prep Batch: 38164 | QC Preparation: 2007-12-31 | Prepared By: KB

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.944	mg/Kg	1	1.00	<0.000860	94	79.9 - 113
Toluene	0.960	mg/Kg	1	1.00	<0.00211	96	80.2 - 113
Ethylbenzene	0.958	mg/Kg	1	1.00	<0.000988	96	80 - 113
Xylene	2.85	mg/Kg	1	3.00	<0.00163	95	79 - 111

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.946	mg/Kg	1	1.00	<0.000860	95	79.9 - 113	0	20
Toluene	0.963	mg/Kg	1	1.00	<0.00211	96	80.2 - 113	0	20
Ethylbenzene	0.962	mg/Kg	1	1.00	<0.000988	96	80 - 113	0	20
Xylene	2.87	mg/Kg	1	3.00	<0.00163	96	79 - 111	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.01	1.03	mg/Kg	1	1.00	101	103	81.3 - 116
4-Bromofluorobenzene (4-BFB)	1.06	1.07	mg/Kg	1	1.00	106	107	85.8 - 119

Laboratory Control Spike (LCS-1)

QC Batch: 44299 | Date Analyzed: 2007-12-31 | Analyzed By: KB
Prep Batch: 38166 | QC Preparation: 2007-12-31 | Prepared By: KB

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	1.04	mg/Kg	1	1.00	<0.00333	104	79.4 - 109
Toluene	1.03	mg/Kg	1	1.00	<0.00372	103	80.4 - 109
Ethylbenzene	0.997	mg/Kg	1	1.00	<0.00206	100	81.3 - 107
Xylene	2.98	mg/Kg	1	3.00	<0.00259	99	81.4 - 108

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	1.03	mg/Kg	1	1.00	<0.00333	103	79.4 - 109	1	20
Toluene	1.01	mg/Kg	1	1.00	<0.00372	101	80.4 - 109	2	20
Ethylbenzene	0.951	mg/Kg	1	1.00	<0.00206	95	81.3 - 107	5	20
Xylene	2.92	mg/Kg	1	3.00	<0.00259	97	81.4 - 108	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.02	0.987	mg/Kg	1	1.00	102	99	75.8 - 111
4-Bromofluorobenzene (4-BFB)	0.900	0.869	mg/Kg	1	1.00	90	87	69.8 - 117

Laboratory Control Spike (LCS-1)

QC Batch: 44405 | Date Analyzed: 2008-01-03 | Analyzed By: ER
Prep Batch: 38244 | QC Preparation: 2008-01-03 | Prepared By: ER

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	11.5	mg/Kg	1	12.5	<0.140	92	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	11.4	mg/Kg	1	12.5	<0.140	91	90 - 110	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 44405 | Date Analyzed: 2008-01-03 | Analyzed By: ER
Prep Batch: 38244 | QC Preparation: 2008-01-03 | Prepared By: ER

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Sulfate	11.8	mg/Kg	1	12.5	<0.0805	94	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Sulfate	11.6	mg/Kg	1	12.5	<0.0805	93	90 - 110	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 44440 | Date Analyzed: 2008-01-07 | Analyzed By: RM
Prep Batch: 38280 | QC Preparation: 2008-01-04 | Prepared By: RM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TRPHC	224	mg/Kg	1	250	<5.86	90	80.9 - 124

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
TRPHC	230	mg/Kg	1	250	<5.86	92	80.9 - 124	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 44462 | Date Analyzed: 2008-01-08 | Analyzed By: RR
Prep Batch: 38268 | QC Preparation: 2008-01-06 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TCLP Silver	1.24	mg/L	1	1.25	<0.00780	99	82.5 - 112
TCLP Arsenic	5.01	mg/L	1	5.00	<0.0590	100	81.2 - 113
TCLP Barium	9.66	mg/L	1	10.0	<0.00340	97	80.1 - 113
TCLP Cadmium	2.52	mg/L	1	2.50	<0.00270	101	82 - 111
TCLP Chromium	0.984	mg/L	1	1.00	<0.00660	98	89.5 - 112
TCLP Lead	5.03	mg/L	1	5.00	<0.0370	101	84.9 - 107
TCLP Selenium	4.50	mg/L	1	5.00	<0.100	90	80.2 - 98.7

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
TCLP Silver	1.23	mg/L	1	1.25	<0.00780	98	82.5 - 112	1	20
TCLP Arsenic	5.11	mg/L	1	5.00	<0.0590	102	81.2 - 113	2	20
TCLP Barium	9.70	mg/L	1	10.0	<0.00340	97	80.1 - 113	0	20
TCLP Cadmium	2.52	mg/L	1	2.50	<0.00270	101	82 - 111	0	20
TCLP Chromium	0.981	mg/L	1	1.00	<0.00660	98	89.5 - 112	0	20
TCLP Lead	5.03	mg/L	1	5.00	<0.0370	101	84.9 - 107	0	20
TCLP Selenium	4.51	mg/L	1	5.00	<0.100	90	80.2 - 98.7	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 44464 | Date Analyzed: 2008-01-04 | Analyzed By: TP
Prep Batch: 38252 | QC Preparation: 2008-01-04 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Calcium	4760	mg/Kg	1	5000	<50.9	95	82.2 - 111

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Calcium	4790	mg/Kg	1	5000	<50.9	96	82.2 - 111	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 44464 | Date Analyzed: 2008-01-04 | Analyzed By: TP
Prep Batch: 38252 | QC Preparation: 2008-01-04 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Potassium	4620	mg/Kg	1	5000	<13.9	92	79.4 - 103

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Potassium	4690	mg/Kg	1	5000	<13.9	94	79.4 - 103	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 44464 | Date Analyzed: 2008-01-04 | Analyzed By: TP
Prep Batch: 38252 | QC Preparation: 2008-01-04 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Magnesium	4500	mg/Kg	1	5000	<7.65	90	78.5 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Magnesium	4530	mg/Kg	1	5000	<7.65	91	78.5 - 110	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 44464 | Date Analyzed: 2008-01-04 | Analyzed By: TP
Prep Batch: 38252 | QC Preparation: 2008-01-04 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Sodium	5030	mg/Kg	1	5000	<24.5	101	79.7 - 116

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Sodium	5060	mg/Kg	1	5000	<24.5	101	79.7 - 116	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 44465 | Date Analyzed: 2008-01-05 | Analyzed By: TP
Prep Batch: 38252 | QC Preparation: 2008-01-04 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Calcium	4760	mg/Kg	1	5000	<50.9	95	82.2 - 111

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Calcium	4790	mg/Kg	1	5000	<50.9	96	82.2 - 111	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 44465 | Date Analyzed: 2008-01-05 | Analyzed By: TP
Prep Batch: 38252 | QC Preparation: 2008-01-04 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Potassium	4620	mg/Kg	1	5000	<13.9	92	79.4 - 103

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Potassium	4690	mg/Kg	1	5000	<13.9	94	79.4 - 103	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 44465 | Date Analyzed: 2008-01-05 | Analyzed By: TP
Prep Batch: 38252 | QC Preparation: 2008-01-04 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Magnesium	4500	mg/Kg	1	5000	<7.65	90	78.5 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Magnesium	4530	mg/Kg	1	5000	<7.65	91	78.5 - 110	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 44465 | Date Analyzed: 2008-01-05 | Analyzed By: TP
Prep Batch: 38252 | QC Preparation: 2008-01-04 | Prepared By: KV

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Sodium	5030	mg/Kg	1	5000	<24.5	101	79.7 - 116

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Sodium	5060	mg/Kg	1	5000	<24.5	101	79.7 - 116	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 44467 | Date Analyzed: 2008-01-08 | Analyzed By: TP
Prep Batch: 38299 | QC Preparation: 2008-01-08 | Prepared By: TP

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TCLP Mercury	0.00505	mg/L	1	0.00500	<0.0000610	101	91.9 - 123

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
TCLP Mercury	0.00495	mg/L	1	0.00500	<0.0000610	99	91.9 - 123	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 44468 | Date Analyzed: 2008-01-08 | Analyzed By: TP
Prep Batch: 38299 | QC Preparation: 2008-01-08 | Prepared By: TP

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TCLP Mercury	0.00505	mg/L	1	0.00500	<0.0000610	101	91.9 - 123

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
TCLP Mercury	0.00495	mg/L	1	0.00500	<0.0000610	99	91.9 - 123	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 44477 | Date Analyzed: 2008-01-08 | Analyzed By: ER
Prep Batch: 38309 | QC Preparation: 2008-01-08 | Prepared By: ER

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	11.2	mg/Kg	1	12.5	<0.140	90	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	11.5	mg/Kg	1	12.5	<0.140	92	90 - 110	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 44477 | Date Analyzed: 2008-01-08 | Analyzed By: ER
Prep Batch: 38309 | QC Preparation: 2008-01-08 | Prepared By: ER

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Sulfate	11.9	mg/Kg	1	12.5	<0.0805	95	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Sulfate	12.0	mg/Kg	1	12.5	<0.0805	96	90 - 110	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 44496 | Date Analyzed: 2008-01-08 | Analyzed By: ER
Prep Batch: 38325 | QC Preparation: 2008-01-08 | Prepared By: ER

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	11.5	mg/Kg	1	12.5	<0.140	92	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	11.3	mg/Kg	1	12.5	<0.140	90	90 - 110	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 44496 | Date Analyzed: 2008-01-08 | Analyzed By: ER
Prep Batch: 38325 | QC Preparation: 2008-01-08 | Prepared By: ER

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Sulfate	11.9	mg/Kg	1	12.5	<0.0805	95	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Sulfate	11.8	mg/Kg	1	12.5	<0.0805	94	90 - 110	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 146707

QC Batch: 44298 | Date Analyzed: 2007-12-31 | Analyzed By: KB
Prep Batch: 38164 | QC Preparation: 2007-12-31 | Prepared By: KB

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.771	mg/Kg	1	1.00	<0.000860	77	35 - 116
Toluene	0.854	mg/Kg	1	1.00	<0.000211	85	36.4 - 122
Ethylbenzene	0.919	mg/Kg	1	1.00	<0.000988	92	41.2 - 124
Xylene	2.77	mg/Kg	1	3.00	<0.00163	92	40.6 - 123

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param		MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	[10]	0.558	mg/Kg	1	1.00	<0.000860	56	35 - 116	32	20
Toluene	[11]	0.609	mg/Kg	1	1.00	<0.000211	61	36.4 - 122	34	20
Ethylbenzene	[12]	0.644	mg/Kg	1	1.00	<0.000988	64	41.2 - 124	35	20
Xylene	[13]	1.93	mg/Kg	1	3.00	<0.00163	64	40.6 - 123	36	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.04	1.04	mg/Kg	1	1	104	104	72.3 - 137
4-Bromofluorobenzene (4-BFB)	1.13	1.06	mg/Kg	1	1	113	106	67.8 - 146

Matrix Spike (MS-1) Spiked Sample: 146728

QC Batch: 44299 | Date Analyzed: 2007-12-31 | Analyzed By: KB
Prep Batch: 38166 | QC Preparation: 2007-12-31 | Prepared By: KB

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.890	mg/Kg	1	1.00	<0.00333	89	43.2 - 116
Toluene	0.929	mg/Kg	1	1.00	<0.00372	93	46.3 - 121
Ethylbenzene	0.968	mg/Kg	1	1.00	<0.00206	97	54.2 - 127

continued ...

[10]MSD RPD out of limit. Use LCS/LCSD to show method in control.
[11]MSD RPD out of limit. Use LCS/LCSD to show method in control.
[12]MSD RPD out of limit. Use LCS/LCSD to show method in control.
[13]MSD RPD out of limit. Use LCS/LCSD to show method in control.

matrix spikes continued ...

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Xylene	3.02	mg/Kg	1	3.00	0.009	100	49.9 - 131

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	1.02	mg/Kg	1	1.00	<0.00333	102	43.2 - 116	14	20
Toluene	1.08	mg/Kg	1	1.00	<0.00372	108	46.3 - 121	15	20
Ethylbenzene	1.13	mg/Kg	1	1.00	<0.00206	113	54.2 - 127	15	20
Xylene	3.50	mg/Kg	1	3.00	0.009	116	49.9 - 131	15	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.962	1.14	mg/Kg	1	1	96	114	68 - 127
4-Bromofluorobenzene (4-BFB)	0.970	1.15	mg/Kg	1	1	97	115	68.6 - 144

Matrix Spike (MS-1) Spiked Sample: 146722

QC Batch: 44405 | Date Analyzed: 2008-01-03 | Analyzed By: ER
Prep Batch: 38244 | QC Preparation: 2008-01-03 | Prepared By: ER

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	105	mg/Kg	5	62.5	41.0761	102	80 - 120

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	100	mg/Kg	5	62.5	41.0761	94	80 - 120	5	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 146722

QC Batch: 44405 | Date Analyzed: 2008-01-03 | Analyzed By: ER
Prep Batch: 38244 | QC Preparation: 2008-01-03 | Prepared By: ER

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Sulfate	173	mg/Kg	5	62.5	113.848	95	80 - 120

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Sulfate	174	mg/Kg	5	62.5	113.848	96	80 - 120	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 146708

QC Batch: 44440 | Date Analyzed: 2008-01-07 | Analyzed By: RM
Prep Batch: 38280 | QC Preparation: 2008-01-04 | Prepared By: RM

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TRPHC	582	mg/Kg	1	500	<5.86	116	30.6 - 157

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
TRPHC	630	mg/Kg	1	500	<5.86	126	30.6 - 157	8	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 146707

QC Batch: 44462 | Date Analyzed: 2008-01-08 | Analyzed By: RR
Prep Batch: 38268 | QC Preparation: 2008-01-06 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TCLP Silver	1.21	mg/L	1	1.25	<0.00780	97	86.6 - 106
TCLP Arsenic	5.10	mg/L	1	5.00	<0.0590	102	85.6 - 111
TCLP Barium	11.7	mg/L	1	10.0	2.21	95	82.3 - 109
TCLP Cadmium	2.46	mg/L	1	2.50	<0.00270	98	80.1 - 108
TCLP Chromium	0.950	mg/L	1	1.00	<0.00660	95	85.1 - 113
TCLP Lead	4.86	mg/L	1	5.00	<0.0370	97	80.9 - 105
TCLP Selenium	4.59	mg/L	1	5.00	<0.100	92	77 - 102

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
TCLP Silver	1.21	mg/L	1	1.25	<0.00780	97	86.6 - 106	0	20
TCLP Arsenic	5.07	mg/L	1	5.00	<0.0590	101	85.6 - 111	1	20
TCLP Barium	11.7	mg/L	1	10.0	2.21	95	82.3 - 109	0	20
TCLP Cadmium	2.44	mg/L	1	2.50	<0.00270	98	80.1 - 108	1	20
TCLP Chromium	0.951	mg/L	1	1.00	<0.00660	95	85.1 - 113	0	20
TCLP Lead	4.90	mg/L	1	5.00	<0.0370	98	80.9 - 105	1	20
TCLP Selenium	4.57	mg/L	1	5.00	<0.100	91	77 - 102	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 146707

QC Batch: 44464 | Date Analyzed: 2008-01-04 | Analyzed By: TP
Prep Batch: 38252 | QC Preparation: 2008-01-04 | Prepared By: KV

continued ...

matrix spikes continued ...

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Calcium [14]	75200	mg/Kg	10	5000	74000	24	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Calcium [15]	74200	mg/Kg	10	5000	74000	4	75 - 125	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 146707

QC Batch: 44464 Date Analyzed: 2008-01-04 Analyzed By: TP
Prep Batch: 38252 QC Preparation: 2008-01-04 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Potassium	6280	mg/Kg	1	5000	1880	88	69.2 - 108

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Potassium	5830	mg/Kg	1	5000	1880	79	69.2 - 108	7	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 146707

QC Batch: 44464 Date Analyzed: 2008-01-04 Analyzed By: TP
Prep Batch: 38252 QC Preparation: 2008-01-04 Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Magnesium	7970	mg/Kg	1	5000	3820	83	65.5 - 102

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Magnesium	7370	mg/Kg	1	5000	3820	71	65.5 - 102	8	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 146707

QC Batch: 44464 Date Analyzed: 2008-01-04 Analyzed By: TP
Prep Batch: 38252 QC Preparation: 2008-01-04 Prepared By: KV

[14]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[15]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Sodium	5080	mg/Kg	1	5000	394	94	68.5 - 114

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Sodium	4790	mg/Kg	1	5000	394	88	68.5 - 114	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 146717

QC Batch: 44465 | Date Analyzed: 2008-01-05 | Analyzed By: TP
Prep Batch: 38252 | QC Preparation: 2008-01-04 | Prepared By: KV

Param		MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Calcium	[16]	85800	mg/Kg	10	5000	91300	-110	75 - 125

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param		MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Calcium	[17]	87900	mg/Kg	10	5000	91300	-68	75 - 125	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 146717

QC Batch: 44465 | Date Analyzed: 2008-01-05 | Analyzed By: TP
Prep Batch: 38252 | QC Preparation: 2008-01-04 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Potassium	5300	mg/Kg	1	5000	1220	82	69.2 - 108

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Potassium	5500	mg/Kg	1	5000	1220	86	69.2 - 108	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 146717

QC Batch: 44465 | Date Analyzed: 2008-01-05 | Analyzed By: TP
Prep Batch: 38252 | QC Preparation: 2008-01-04 | Prepared By: KV

[16]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[17]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Magnesium	7850	mg/Kg	1	5000	4320	71	65.5 - 102

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Magnesium	8160	mg/Kg	1	5000	4320	77	65.5 - 102	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 146717

QC Batch: 44465 | Date Analyzed: 2008-01-05 | Analyzed By: TP
Prep Batch: 38252 | QC Preparation: 2008-01-04 | Prepared By: KV

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Sodium	5130	mg/Kg	1	5000	996	83	68.5 - 114

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Sodium	5270	mg/Kg	1	5000	996	85	68.5 - 114	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 146707

QC Batch: 44467 | Date Analyzed: 2008-01-08 | Analyzed By: TP
Prep Batch: 38299 | QC Preparation: 2008-01-08 | Prepared By: TP

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TCLP Mercury	0.00493	mg/L	1	0.00500	<0.0000610	99	89.7 - 124

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
TCLP Mercury	0.00500	mg/L	1	0.00500	<0.0000610	100	89.7 - 124	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 146718

QC Batch: 44468 | Date Analyzed: 2008-01-08 | Analyzed By: TP
Prep Batch: 38299 | QC Preparation: 2008-01-08 | Prepared By: TP

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TCLP Mercury	0.00494	mg/L	1	0.00500	<0.0000610	99	89.7 - 124

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
TCLP Mercury	0.00506	mg/L	1	0.00500	<0.0000610	101	89.7 - 124	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 146150

QC Batch: 44477 Date Analyzed: 2008-01-08 Analyzed By: ER
Prep Batch: 38309 QC Preparation: 2008-01-08 Prepared By: ER

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	278	mg/Kg	10	125	158.127	96	80 - 120

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	290	mg/Kg	10	125	158.127	105	80 - 120	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 146150

QC Batch: 44477 Date Analyzed: 2008-01-08 Analyzed By: ER
Prep Batch: 38309 QC Preparation: 2008-01-08 Prepared By: ER

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Sulfate	177	mg/Kg	10	125	59.0583	94	80 - 120

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Sulfate	178	mg/Kg	10	125	59.0583	95	80 - 120	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 146724

QC Batch: 44496 Date Analyzed: 2008-01-08 Analyzed By: ER
Prep Batch: 38325 QC Preparation: 2008-01-08 Prepared By: ER

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	685	mg/Kg	50	625	62.982	100	80 - 120

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	677	mg/Kg	50	625	62.982	98	80 - 120	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 146724

QC Batch: 44496 | Date Analyzed: 2008-01-08 | Analyzed By: ER
Prep Batch: 38325 | QC Preparation: 2008-01-08 | Prepared By: ER

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Sulfate	2830	mg/Kg	50	625	2242.68	94	80 - 120

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Sulfate	2790	mg/Kg	50	625	2242.68	88	80 - 120	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1)

QC Batch: 44298 | Date Analyzed: 2007-12-31 | Analyzed By: KB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0948	95	85 - 115	2007-12-31
Toluene		mg/Kg	0.100	0.0964	96	85 - 115	2007-12-31
Ethylbenzene		mg/Kg	0.100	0.0979	98	85 - 115	2007-12-31
Xylene		mg/Kg	0.300	0.293	98	85 - 115	2007-12-31

Standard (CCV-1)

QC Batch: 44298 | Date Analyzed: 2007-12-31 | Analyzed By: KB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0920	92	85 - 115	2007-12-31
Toluene		mg/Kg	0.100	0.0941	94	85 - 115	2007-12-31
Ethylbenzene		mg/Kg	0.100	0.0950	95	85 - 115	2007-12-31
Xylene		mg/Kg	0.300	0.282	94	85 - 115	2007-12-31

Standard (ICV-1)

QC Batch: 44299 | Date Analyzed: 2007-12-31 | Analyzed By: KB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.108	108	85 - 115	2007-12-31
Toluene		mg/Kg	0.100	0.105	105	85 - 115	2007-12-31
Ethylbenzene		mg/Kg	0.100	0.103	103	85 - 115	2007-12-31
Xylene		mg/Kg	0.300	0.307	102	85 - 115	2007-12-31

Standard (CCV-1)

QC Batch: 44299 Date Analyzed: 2007-12-31 Analyzed By: KB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.102	102	85 - 115	2007-12-31
Toluene		mg/Kg	0.100	0.0999	100	85 - 115	2007-12-31
Ethylbenzene		mg/Kg	0.100	0.0957	96	85 - 115	2007-12-31
Xylene		mg/Kg	0.300	0.291	97	85 - 115	2007-12-31

Standard (ICV-1)

QC Batch: 44348 Date Analyzed: 2008-01-02 Analyzed By: ER

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		uMHOS/cm	1410	1410	100	90 - 110	2008-01-02

Standard (CCV-1)

QC Batch: 44348 Date Analyzed: 2008-01-02 Analyzed By: ER

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		uMHOS/cm	1410	1470	104	90 - 110	2008-01-02

Standard (ICV-1)

QC Batch: 44352 Date Analyzed: 2008-01-02 Analyzed By: ER

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		uMHOS/cm	1410	1410	100	90 - 110	2008-01-02

Standard (CCV-1)

QC Batch: 44352 Date Analyzed: 2008-01-02 Analyzed By: ER

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		uMHOS/cm	1410	1470	104	90 - 110	2008-01-02

Standard (ICV-1)

QC Batch: 44372 Date Analyzed: 2008-01-02 Analyzed By: AB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	7.02	100	98 - 102	2008-01-02

Standard (CCV-1)

QC Batch: 44372 Date Analyzed: 2008-01-02 Analyzed By: AB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	7.07	101	98 - 102	2008-01-02

Standard (ICV-1)

QC Batch: 44373 Date Analyzed: 2008-01-02 Analyzed By: AB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	7.07	101	98 - 102	2008-01-02

Standard (CCV-1)

QC Batch: 44373 Date Analyzed: 2008-01-02 Analyzed By: AB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	7.09	101	98 - 102	2008-01-02

Standard (ICV-1)

QC Batch: 44404 Date Analyzed: Analyzed By:

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/Kg as CaCo3	250	246	98	90 - 110	2008-01-03

Standard (CCV-1)

QC Batch: 44404 Date Analyzed: Analyzed By:

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/Kg as CaCo3	250	238	95	90 - 110	2008-01-03

Standard (ICV-1)

QC Batch: 44405 Date Analyzed: 2008-01-03 Analyzed By: ER

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	11.3	90	90 - 110	2008-01-03

Standard (ICV-1)

QC Batch: 44405 Date Analyzed: 2008-01-03 Analyzed By: ER

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	11.7	94	90 - 110	2008-01-03

Standard (CCV-1)

QC Batch: 44405 Date Analyzed: 2008-01-03 Analyzed By: ER

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	11.5	92	90 - 110	2008-01-03

Standard (CCV-1)

QC Batch: 44405 Date Analyzed: 2008-01-03 Analyzed By: ER

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	11.8	94	90 - 110	2008-01-03

Standard (ICV-1)

QC Batch: 44440 Date Analyzed: 2008-01-07 Analyzed By: RM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	84.4	84	80 - 120	2008-01-07

Standard (CCV-1)

QC Batch: 44440 Date Analyzed: 2008-01-07 Analyzed By: RM

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	86.5	86	80 - 120	2008-01-07

Standard (ICV-1)

QC Batch: 44462 Date Analyzed: 2008-01-08 Analyzed By: RR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Silver		mg/L	0.125	0.123	98	90 - 110	2008-01-08
TCLP Arsenic		mg/L	1.00	1.02	102	90 - 110	2008-01-08
TCLP Barium		mg/L	1.00	0.977	98	90 - 110	2008-01-08
TCLP Cadmium		mg/L	1.00	0.965	96	90 - 110	2008-01-08
TCLP Chromium		mg/L	1.00	0.969	97	90 - 110	2008-01-08
TCLP Lead		mg/L	1.00	0.977	98	90 - 110	2008-01-08
TCLP Selenium		mg/L	1.00	0.987	99	90 - 110	2008-01-08

Standard (CCV-1)

QC Batch: 44462 Date Analyzed: 2008-01-08 Analyzed By: RR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Silver		mg/L	0.125	0.124	99	90 - 110	2008-01-08
TCLP Arsenic		mg/L	1.00	0.999	100	90 - 110	2008-01-08
TCLP Barium		mg/L	1.00	0.993	99	90 - 110	2008-01-08
TCLP Cadmium		mg/L	1.00	0.971	97	90 - 110	2008-01-08
TCLP Chromium		mg/L	1.00	0.979	98	90 - 110	2008-01-08
TCLP Lead		mg/L	1.00	0.983	98	90 - 110	2008-01-08
TCLP Selenium		mg/L	1.00	0.991	99	90 - 110	2008-01-08

Standard (ICV-1)

QC Batch: 44464 Date Analyzed: 2008-01-04 Analyzed By: TP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Calcium		mg/Kg	50.0	51.1	102	90 - 110	2008-01-04

Standard (ICV-1)

QC Batch: 44464 Date Analyzed: 2008-01-04 Analyzed By: TP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Potassium		mg/Kg	50.0	50.7	101	90 - 110	2008-01-04

Standard (ICV-1)

QC Batch: 44464 Date Analyzed: 2008-01-04 Analyzed By: TP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Magnesium		mg/Kg	50.0	51.0	102	90 - 110	2008-01-04

Standard (ICV-1)

QC Batch: 44464 Date Analyzed: 2008-01-04 Analyzed By: TP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Sodium		mg/Kg	50.0	51.2	102	90 - 110	2008-01-04

Standard (CCV-1)

QC Batch: 44464 Date Analyzed: 2008-01-04 Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Calcium		mg/Kg	50.0	46.2	92	90 - 110	2008-01-04

Standard (CCV-1)

QC Batch: 44464 Date Analyzed: 2008-01-04 Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Potassium		mg/Kg	50.0	45.6	91	90 - 110	2008-01-04

Standard (CCV-1)

QC Batch: 44464 Date Analyzed: 2008-01-04 Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Magnesium		mg/Kg	50.0	45.9	92	90 - 110	2008-01-04

Standard (CCV-1)

QC Batch: 44464 Date Analyzed: 2008-01-04 Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Sodium		mg/Kg	50.0	45.4	91	90 - 110	2008-01-04

Standard (ICV-1)

QC Batch: 44465 Date Analyzed: 2008-01-05 Analyzed By: TP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Calcium		mg/Kg	50.0	51.1	102	90 - 110	2008-01-05

Standard (ICV-1)

QC Batch: 44465 Date Analyzed: 2008-01-05 Analyzed By: TP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Potassium		mg/Kg	50.0	50.7	101	90 - 110	2008-01-05

Standard (ICV-1)

QC Batch: 44465 Date Analyzed: 2008-01-05 Analyzed By: TP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Magnesium		mg/Kg	50.0	51.0	102	90 - 110	2008-01-05

Standard (ICV-1)

QC Batch: 44465 Date Analyzed: 2008-01-05 Analyzed By: TP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Sodium		mg/Kg	50.0	51.2	102	90 - 110	2008-01-05

Standard (CCV-1)

QC Batch: 44465 Date Analyzed: 2008-01-05 Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Calcium		mg/Kg	50.0	50.6	101	90 - 110	2008-01-05

Standard (CCV-1)

QC Batch: 44465 Date Analyzed: 2008-01-05 Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Potassium		mg/Kg	50.0	47.6	95	90 - 110	2008-01-05

Standard (CCV-1)

QC Batch: 44465 Date Analyzed: 2008-01-05 Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Magnesium		mg/Kg	50.0	50.3	101	90 - 110	2008-01-05

Standard (CCV-1)

QC Batch: 44465 Date Analyzed: 2008-01-05 Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Sodium		mg/Kg	50.0	49.8	100	90 - 110	2008-01-05

Standard (ICV-1)

QC Batch: 44467 Date Analyzed: 2008-01-08 Analyzed By: TP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Mercury		mg/L	0.00500	0.00481	96	90 - 110	2008-01-08

Standard (CCV-1)

QC Batch: 44467 Date Analyzed: 2008-01-08 Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Mercury		mg/L	0.00500	0.00501	100	80 - 120	2008-01-08

Standard (ICV-1)

QC Batch: 44468 Date Analyzed: 2008-01-08 Analyzed By: TP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Mercury		mg/L	0.00500	0.00481	96	90 - 110	2008-01-08

Standard (CCV-1)

QC Batch: 44468 Date Analyzed: 2008-01-08 Analyzed By: TP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Mercury		mg/L	0.00500	0.00492	98	80 - 120	2008-01-08

Standard (ICV-1)

QC Batch: 44471 Date Analyzed: 2008-01-08 Analyzed By: AB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/Kg as CaCo3	250	224	90	90 - 110	2008-01-08

Standard (CCV-1)

QC Batch: 44471 Date Analyzed: 2008-01-08 Analyzed By: AB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/Kg as CaCo3	250	234	94	90 - 110	2008-01-08

Standard (ICV-1)

QC Batch: 44472 Date Analyzed: 2008-01-08 Analyzed By: AB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/Kg as CaCo3	250	234	94	90 - 110	2008-01-08

Standard (CCV-1)

QC Batch: 44472 Date Analyzed: 2008-01-08 Analyzed By: AB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/Kg as CaCo3	250	236	94	90 - 110	2008-01-08

Standard (ICV-1)

QC Batch: 44477 Date Analyzed: 2008-01-08 Analyzed By: ER

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	11.2	90	90 - 110	2008-01-08

Standard (ICV-1)

QC Batch: 44477 Date Analyzed: 2008-01-08 Analyzed By: ER

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	11.7	94	90 - 110	2008-01-08

Standard (CCV-1)

QC Batch: 44477 Date Analyzed: 2008-01-08 Analyzed By: ER

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.5	100	90 - 110	2008-01-08

Standard (CCV-1)

QC Batch: 44477 Date Analyzed: 2008-01-08 Analyzed By: ER

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	11.9	95	90 - 110	2008-01-08

Standard (ICV-1)

QC Batch: 44496 Date Analyzed: 2008-01-08 Analyzed By: ER

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.5	100	90 - 110	2008-01-08

Standard (ICV-1)

QC Batch: 44496 Date Analyzed: 2008-01-08 Analyzed By: ER

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	11.9	95	90 - 110	2008-01-08

Standard (CCV-1)

QC Batch: 44496 Date Analyzed: 2008-01-08 Analyzed By: ER

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	11.6	93	90 - 110	2008-01-08

Standard (CCV-1)

QC Batch: 44496 Date Analyzed: 2008-01-08 Analyzed By: ER

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	11.8	94	90 - 110	2008-01-08

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296
email: lab@traceanalysis.com

TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 7123117

Company Name: Gandy Marley Inc.
Phone #: 575-347-0434
Address: (Street, City, Zip) PO Box 1658 Roswell, NM 88202
Fax #: 585-347-0435
e-mail: gmic dtn.com
Contact Person: Bill Marley Project Manager
Invoice to: (If different from above)
Project #: Annual Sampling (NM-711-1-0020)
Project Name: GMI Land Farm
Project Location: Sec. 4, 5, 8, 9. T.11.S. R.31E Chaves Co. N.M.
Sampler Signature: [illegible]

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
146707	Cell 21	1	4oz		X								X	12/29/07	1020
708	Cell 18														1030
709	Cell 19														1046
710	Cell 17														1054
711	Cell 15														1059
712	Cell 16														1109
713	Cell 14														1115
714	Cell 13														1119
715	Cell 12														1124
716	Cell 11														1130
717	Cell 10														1137

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB #	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content	Na, Ca, Mg, K, CL	SO_4, CO_3, HCO_3 Total	pH/Conductivity alkalinity	Turn Around Time if different from standard	Hold
146707		X	X				X											X	X	X		
708																						
709																						
710																						
711																						
712																						
713																						
714																						
715																						
716																						
717																						

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	12/30/07	11:10			
Relinquished by:	Date:	Time:	Received at Laboratory by: Brenda Ward	12/31/07	11:30

LAB USE ONLY
Intact (Y) / N
Headspace Y / N
Temp 4 °
Log-in Review [initials]
Carrier # Bess GLI 3094516035

REMARKS: Please email Results ASAP to Cmbenviro@dtn.com
☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

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6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296
email: lab@traceanalysis.com

TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 7123117

Company Name: Gandy Marley Inc. Phone #: 575-347-0434

Address: (Street, City, Zip) PO Box 1658 Roswell NM 88202 Fax #: 575-347-0435

e-mail: gmic@dfn.com

Contact Person: Bill Marley Project Manager 575-626-6513 (cell)

Invoice to: (If different from above)

Project #: Annual Sampling (NM-711-1-0028) Project Name: GMI Landfarm

Project Location: Sec. 4, 5, 8, 9, T.11.S. R31E. Chaves Co. NM. Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
46718	Cell 9	1	4oz		X								X	12/24/07	1142
719	Cell 8														1149
720	Cell 7														1153
721	Cell 6														1157
722	Cell 5														1201
723	Cell 4														1206
724	Cell 3														1211
725	Cell 2														1220
726	Cell 1														1215

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content	Na, Ca, Mg, K, Cl	SO4, CO3, HCO3 Total	Alk, Conductivity	Turn Around Time if different from standard	Hold
	X	X				X										X	X	X			

Relinquished by: Date: 12/30/07 Time: 11:10 Received by: Date: Time:

Relinquished by: Date: Time: Received by: Date: Time:

Relinquished by: Date: Time: Received at Laboratory by: Brenda Wan Date: 12/31/07 Time: 11:30

REMARKS: Please email Results ASAP to cabenviro@dfn.com

LAB USE ONLY

Intact (Y) N

Headspace Y (NA)

Temp 2° C

Log-in Review

☐ Dry Weight Basis Required

☐ TRRP Report Required

☐ Check If Special Reporting Limits Are Needed

Carrier # Bus GLT 304451 6035

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

ORIGINAL COPY

December 4, 2007
New Mexico Energy, Minerals, & Natural Resources Dept.
Oil Conservation Division Environmental Bureau
Attn: Mr. Brad A. Jones
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Submittal of Third Quarterly Monitoring Report for Year 2007
Gandy Marley Inc., Commercial Landfarm
Gandy Marley Inc., Operator / PRP
SW/4 of Section 4, SE/4 of Section 5, NE/4 of Section 8, & NW/4 of Section 9, T. 11 S., R.31 E., NMPM
Chaves County, New Mexico
Commercial Landfarm Permit (NM-01-0019)

Dear Mr. Jones:

Clayton M. Barnhill, CMB Environmental and Geological Services Inc., on behalf of the owner/operator, Gandy Marley Inc., submit the attached Quarterly Monitoring Report for the above-mentioned site.

If you have any questions about the contents of the report, please do not hesitate to call me. Thank you.

Sincerely,

Clayton M. Barnhill, PG
NMED PSTB Certified Scientist # 246
CMB Environmental & Geological Services, Inc.
PO Box 2304
Roswell, NM 88202-2304
Phone: (505) 622-2012 Phone Fax: (505) 625-0538
Cellular: (505) 626-1615
cmbenviro@dfn.com

Cc: Gandy Marley Inc.

COVER PAGE
QUARTERLY MONITORING REPORT

Please include the following information:

1. Site Name: **Gandy Marley Landfarm**

2. Responsible party: **Gandy Marley Inc.**

3. Responsible party mailing address (list contact person if different):

   Gandy Marley Inc.
   Attn: Bill Marley, Vice President
   Attn: Larry Gandy, Vice President
   PO Box 1658
   Roswell, NM 88202-1658

4. Commercial Landfarm Permit Number: **NM-01-0019**

5. Address/legal description:

   SW/4 of Section 4, SE/4 of Section 5, NE/4 of Section 8, & NW/4 of Section 9
   T. 11 S. R. 31 E., NMPM
   Chaves County, NM

6. Author/consulting company:

   Clayton M. Barnhill, PG, CMB Environmental & Geological Services, Inc.

7. Date of report: **December 4, 2007**

STATEMENT OF FAMILIARITY

I, the undersigned, am personally familiar with the information submitted in this report and the attached documents and attest that it is true and complete.

Signature: _____

Name: Clayton M. Barnhill, PG

Affiliation: CMB Environmental and Geological Services, Inc.

Title: Sr. / Principal Geologist

Certified Scientist #: 0246, State of Texas Professional Geologist 6121, exp. 12/31/07

Date: 12/04/2007

I. INTRODUCTION

CMB Environmental and Geological Services Inc., on behalf of Gandy Marley Inc., the owner/operator of the Gandy Marley Inc., Landfarm located in the SW/4 of Section 4, SE/4 of Section 5, NE/4 of Section 8, & NW/4 of Section 9, Township 11 South, Range 31 East, Chaves County, New Mexico, has prepared this quarterly monitoring report in accordance with conditions set forth in Commercial Landfarm Permit Number NM-01-0019 (Gandy Marley Inc., approved by the New Mexico Energy, Minerals, & Natural Resources Department Oil Conservation Division (NMOCD) Environmental Bureau on January 17, 2007.

The Gandy Marley Inc, Commercial Landfarm is located approximately 33 miles northwest of Tatum, NM in Sections 4, 5, 8 & 9, T. 11 S. R. 31 E., Chaves County, New Mexico (Figure 1). In January of 2007, the New Mexico Energy, Minerals, & Natural Resources Department Oil Conservation Division (NMOCD) Environmental Bureau approved a Commercial Landfarm Permit NM-01-0019. The commercial landfarm is being managed in accordance with the NMOCD approved Commercial Landfarm Permit NM-01-0019. Received soils on the landfarm are deposited in bermed cells in six-inch lifts and disked on a regular basis to enhance aeration. Groundwater below the site is at a depth between 122.62' foot (MW-2) and 130.32' foot (MW-1) below the top of casing of both monitor wells. Groundwater beneath the site has a total dissolved solids concentration of approximately 8970 milligrams per liter.

A. Scope of Work

The approved scope of work for the third quarter of monitoring year 2007 consists of collecting confirmation soil samples beneath all site cells actively landfarmed or previously active, analyzing the subsurface soil samples for total petroleum hydrocarbons (TPH), and BTEX, and then produce a map showing the sample locations, and compiling and reporting data or analyses that demonstrate the media located in the remediation cell has been remediated to an acceptable level by the NMOCD Commercial Landfarm Permit NM-01-0019.

The soil sampling adequately monitored the vadose zone beneath the facility. Appendix 3 contains the complete analytical results for soils sampled in these Cells.

The sampling protocol for the monitoring activities can be found in Appendix 1. Appendix 2 contains field notes with GPS Coordinates of sample points for this monitoring event. Laboratory analysis reports of soil samples are in Appendix 3.

B. Quarter Highlights

Third quarter 2007 sampling / monitoring was performed on October 24, 2007. This quarter's monitoring activities include the following:

- Collection of one Remediation Cell Soil samples from all active and previously active landfarm remediation cells for laboratory analysis of the parameters outlined in section (A) above.

- Preparation of this report.

ACTIVITIES PERFORMED DURING THIS QUARTER

C. Monitoring Activities

Landfarm Remediation cell soil samples were collected beneath the remediation cells and submitted to Trace Analysis Laboratory, located in Lubbock Texas and were analyzed for TPH using EPA Method 418.1, BTEX using EPA Method 8021B.

The soil sampling adequately monitored the vadose zone beneath the facility. Field parameters included a lithologic description of the soil samples, and GPS location coordinates of the soil samples. Field Notes containing this information are found in Appendix 2. Laboratory analysis reports and chain of custody forms are in Appendix 3.

II. SUMMARY AND CONCLUSIONS

A. Assessment of Remediation Activities:

Gandy Marley Inc. continues to be highly effective at managing and remediating soils and operating a professional commercial landfarm facility.

Analyses from a soil sample of the remediated soils in all Landfarm Cells show the remediated soils in all cells to contain less than <0.0100 PPM BTEX, and TPH concentrations (≤ 30.4 PPM TPH). The contaminated media in the cells has been adequately remediated and meets the requirements of WQCC Regulation 3109. Additional soils can be added to these cells for future remediation.

Perched groundwater below the site is at a depth of 122' feet to 130' feet below ground surface, and has a total dissolved solids concentration of approximately 8970 milligrams per liter.

The vadose zone beneath the facility has been adequately monitored by the subsurface soil samples collected beneath each cell in compliance with WQCC Regulation 3107. There has been no leaching of contaminated media into the vadose zone beneath the remediation cells. All sampled cells had BTEX soil concentrations below < 0.01 PPM, and TPH Concentrations ≤ 10 PPM.

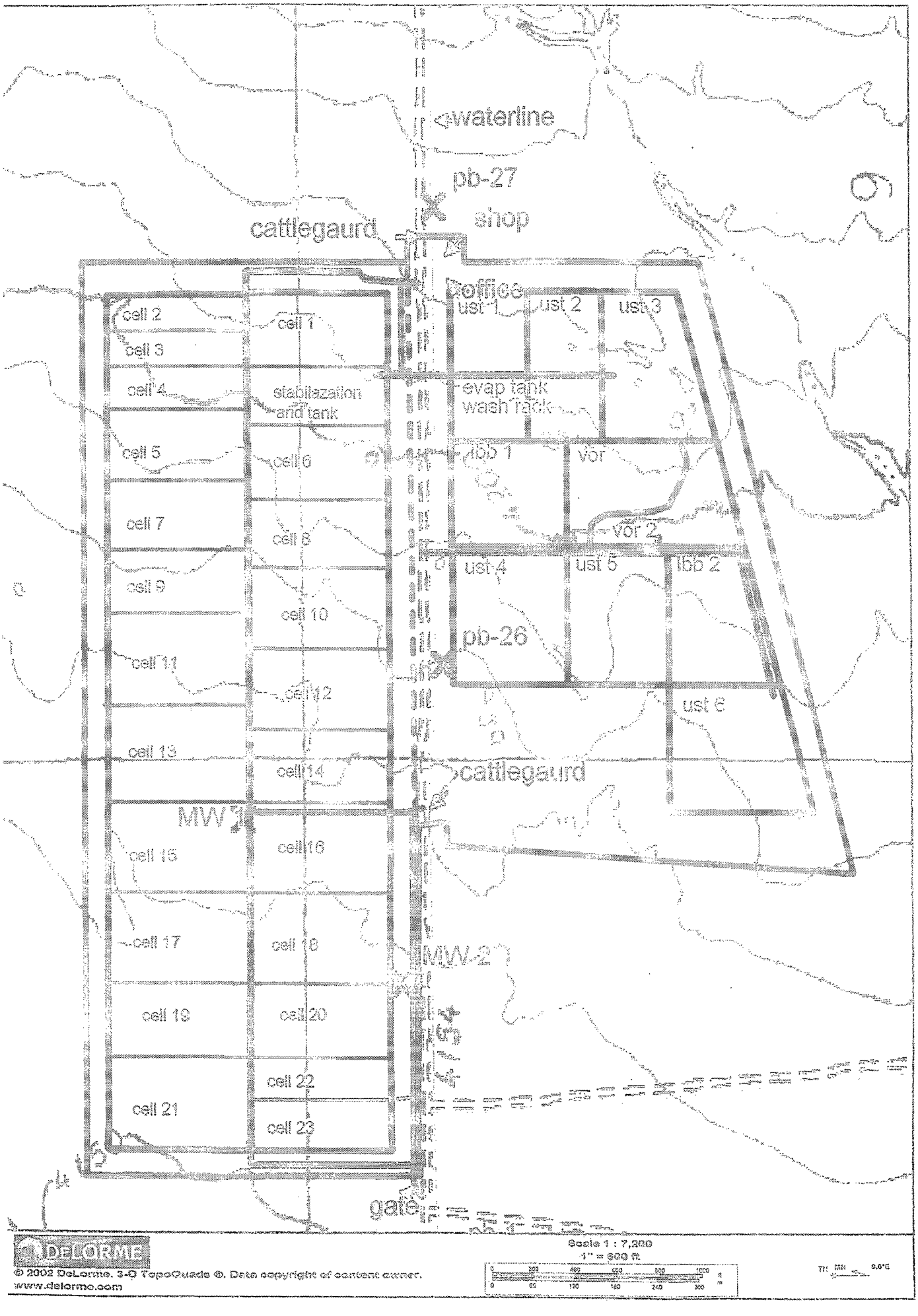
LIST OF TABLES

Table		Included	N/A
1	Lab Analysis Summary Reports of Cell Soil Samples	X	

LIST OF APPENDICES

Appendix		**Included**	**N/A**
1	Sampling Protocol	X	
2	Field Notes /with GPS Coordinates of samples	X	
3	Laboratory Reports	X	

Figures:



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1" = 600 ft

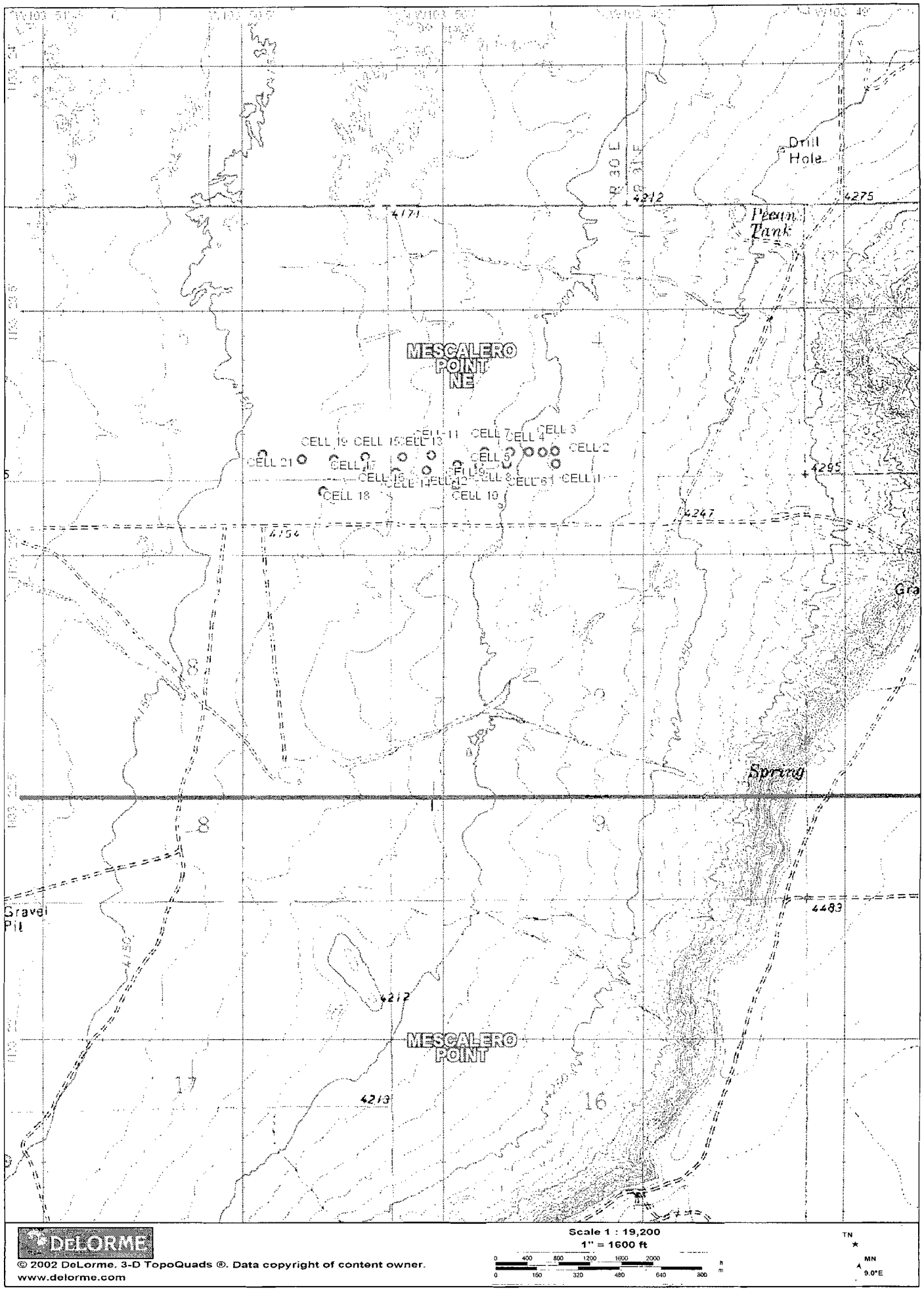
Drill Hole
4212
4275
Pecan Tank
4171
MESCALERO POINT NE
CELL 19
CELL 15
CELL 13
CELL 11
CELL 7
CELL 4
CELL 3
CELL 2
CELL 21
CELL 17
CELL 5
CELL 18
CELL 10
4295
4247
4154
Spring
Gravel Pit
4483
4212
MESCALERO POINT
4213
DELORME
© 2002 DeLorme. 3-D TopoQuads ®. Data copyright of content owner.
www.delorme.com
Scale 1 : 19,200
1" = 1600 ft
0 400 800 1200 1600 2000 ft
0 150 320 480 640 800 m
TN
MN
9.0°E

Table 1
Lab Analysis Summary Report

Summary Report

Bill Marley
Gandy Marley Inc.
Box 1658
Roswell, NM, 88202

Report Date: November 9, 2007

Work Order: 7102621

Project Location: Sec. 4,5,8,9 T.11S. R31E. Chaves Co, NM
Project Name: GMI Landfarm
Project Number: 2nd Quarter Soil Sampling 2007

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
140493	Cell 1	soil	2007-10-24	09:50	2007-10-26
140494	Cell 2	soil	2007-10-24	09:55	2007-10-26
140495	Cell 3	soil	2007-10-24	10:00	2007-10-26
140496	Cell 4	soil	2007-10-24	10:07	2007-10-26
140497	Cell 5	soil	2007-10-24	10:15	2007-10-26
140498	Cell 6	soil	2007-10-24	10:20	2007-10-26
140499	Cell 7	soil	2007-10-24	10:35	2007-10-26
140500	Cell 8	soil	2007-10-24	10:45	2007-10-26
140501	Cell 9	soil	2007-10-24	10:55	2007-10-26
140502	Cell 10	soil	2007-10-24	11:00	2007-10-26
140503	Cell 11	soil	2007-10-24	11:10	2007-10-26
140504	Cell 12	soil	2007-10-24	11:18	2007-10-26
140505	Cell 13	soil	2007-10-24	11:25	2007-10-26
140506	Cell 14	soil	2007-10-24	11:30	2007-10-26
140507	Cell 15	soil	2007-10-24	11:40	2007-10-26
140508	Cell 16	soil	2007-10-24	11:45	2007-10-26
140509	Cell 17	soil	2007-10-24	11:55	2007-10-26
140510	Cell 18	soil	2007-10-24	12:30	2007-10-26
140511	Cell 19	soil	2007-10-24	12:00	2007-10-26
140512	Cell 21	soil	2007-10-24	12:15	2007-10-26

	BTEX				MTBE	TPH 418.1
	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	TRPHC
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
140493 - Cell 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
140494 - Cell 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
140495 - Cell 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
140496 - Cell 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
140497 - Cell 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
140498 - Cell 6	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
140499 - Cell 7	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
140500 - Cell 8	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
140501 - Cell 9	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
140502 - Cell 10	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
140503 - Cell 11	<0.0100	<0.0100	<0.0100	<0.0100		<10.0

continued ...

... continued

Sample - Field Code	BTEX Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE MTBE (mg/Kg)	TPH 418.1 TRPHC (mg/Kg)
140504 - Cell 12	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
140505 - Cell 13	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
140506 - Cell 14	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
140507 - Cell 15	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
140508 - Cell 16	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
140509 - Cell 17	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
140510 - Cell 18	<0.0100	<0.0100	<0.0100	<0.0100		**30.4**
140511 - Cell 19	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
140512 - Cell 21	<0.0100	<0.0100	<0.0100	<0.0100		<10.0

Appendix 1
Sampling Protocol

Appendix 1
Sampling Protocol

Site Remediation cells were checked for the presence of phase-separated hydrocarbons (PSH).

A Gandy Marley Inc. owned and operated front end loader dug down with the loader bucket 18" inches to 24"inches below the surface of the remediation cell. An 8" inch loader mounted drill auger was then used to create a soil boring below the exposed soil surface to a depth of 36" inches below the original ground surface of the remediation cell. An AMS 3" inch Stainless steel hand auger was then used by Clayton M. Barnhill, PG (CMB Environmental & Geological Services Inc.) to collect the soil samples beneath the remediation cells. The AMS stainless steel auger and the 8" inch drilling auger were de-contaminated between sample points by cleaning with a brush in an Alconox soap solution and then rinsing with potable water. New Nitrile gloves were changed at each sample point to avoid cross contamination. Borings were backfilled with impermeable bentonite pellets and hydrated.

Samples analyzed for TPH 418.1, BTEX 8021. Soil Samples were collected in one 4 ounce glass jar containing no preservative.

Samples were immediately placed on ice in an insulated cooler and were delivered to the Trace Analysis Laboratory, located in Lubbock, Texas, for analysis. Chain of custody documentation accompanied the samples at all times.

Appendix 2
Field Notes

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Location GMI Land Farm Date 10/24/07

Project / Client 3rd Quarter Soil Sampling 2007 @ GMI Landfarm By: CMS Page 1 of 3.

Cell #	TIME	GPS Coordinates	Remarks
1	0950	33° 23.188N 103° 49. 719W	3'BGS Red Brown Clayey Sand No odor or Stain
2	0955	33° 23.214N 103° 49. 721W	3'BGS Red Sand No odor or Stain.
3	1000	33° 23.212N 103° 49. 752W	3'BGS. Red Clayey Sand No odor or Stain.
4	1007	33° 23.213N 103° 49. 786W.	3'BGS. Tan Brown Clayey Sand w/ Caliche No odor or Stain
5	1015	33° 23. 213N 103° 49. 833W	Brown 3'BGS Clayey Sand No odor or Stain
6	1020	33° 23. 188N 103° 49. 842W	Tan brown Clayey Sand @ 3'BGS No odor or Stain
7	1035	33° 23. 213N 103° 49. 897W	@ 3'BGS Tan Brown Clayey Sand No odor or Stain
8	1045	33° 23. 186N 103° 49. 911W	@ 3'BGS Tan Clayey Sand w/ White Caliche No Odor or Stain.
9	1055	33° 23. ~~186~~ 196N 103° ~~49~~ 49. 966W	@ 3'BGS Brown Clayey Sand No odor or Stain

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Location GMI Landfarm Date 10/24/07

Project / Client 3rd Quarter Soil Sampling 2007 @ GMI Landfarm By: CMS Page 2 of 3

Cell #	TIME	GPS Coordinates	Remarks
10	1100	33° 23.175N 103° 49. 972W	Tan Brown Sand w/ Caliche No Odor or Stain @ 3'BGS.
11	1110	33° 23. 207N 103° 50. 031W	Red Brown Clayey Sand @ 3'BGS No odor or Stain
12	1118	33° 23. 175N 103° 50. 043W	Brown Clayey Sand @ 3'BGS No odor or Stain
13	1125	33° 23. 203N 103° 50. 103W	Red Brown Clayey Sand No odor or Stain @ 3'BGS
14	1130	33° 23. 171N 103° 50. 120W	Tan Brown Clayey Sand w/ Caliche No Odor or Stain @ 3'BGS
15	1140	33° 23. 204N 103° 50. 196W	Red Clayey Sand @ 3'BGS No odor or Stain.
16	1145	33° 23. 176N 103° 50. 190W	Red Clayey Sand @ 3'BGS No odor or Stain

Location GMI Landfarm Date 10/24/07

Project / Client 3rd Quarter Soil Sampling 2007 @ GMI Landfarm By: CMB Page 3 of 3

Cell #	Time	GPS Coordinates	Remarks
17	1155	33° 23.198N 103° 50.274W	0-3' CLS Tan brown clayey Sand w/ Caliche No odor or stain
18	1230	~~33° 23.199N~~ ~~103° 50.354W~~ 33° 23.133N 103° 50.301W	R-1 clayey Sand No stain or odor
19	1200	33° 23.199N 103° 50.354W	Red Clayey Sand 0-2' CLS No odor or stain.
21	1215	33° 23.209N 103° 50.452W	Tan brown clayey Sand w Caliche No odor or stain.

Location _____ Date _____

Project / Client _____

Appendix 3
Laboratory Reports

TraceAnalysis, Inc.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Bill Marley
Gandy Marley Inc.
Box 1658
Roswell, NM, 88202

Report Date: November 9, 2007

Work Order: 7102621

Project Location: Sec. 4,5,8,9 T.11S. R31E. Chaves Co, NM
Project Name: GMI Landfarm
Project Number: 2nd Quarter Soil Sampling 2007

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
140493	Cell 1	soil	2007-10-24	09:50	2007-10-26
140494	Cell 2	soil	2007-10-24	09:55	2007-10-26
140495	Cell 3	soil	2007-10-24	10:00	2007-10-26
140496	Cell 4	soil	2007-10-24	10:07	2007-10-26
140497	Cell 5	soil	2007-10-24	10:15	2007-10-26
140498	Cell 6	soil	2007-10-24	10:20	2007-10-26
140499	Cell 7	soil	2007-10-24	10:35	2007-10-26
140500	Cell 8	soil	2007-10-24	10:45	2007-10-26
140501	Cell 9	soil	2007-10-24	10:55	2007-10-26
140502	Cell 10	soil	2007-10-24	11:00	2007-10-26
140503	Cell 11	soil	2007-10-24	11:10	2007-10-26
140504	Cell 12	soil	2007-10-24	11:18	2007-10-26
140505	Cell 13	soil	2007-10-24	11:25	2007-10-26
140506	Cell 14	soil	2007-10-24	11:30	2007-10-26
140507	Cell 15	soil	2007-10-24	11:40	2007-10-26
140508	Cell 16	soil	2007-10-24	11:45	2007-10-26
140509	Cell 17	soil	2007-10-24	11:55	2007-10-26
140510	Cell 18	soil	2007-10-24	12:30	2007-10-26
140511	Cell 19	soil	2007-10-24	12:00	2007-10-26
140512	Cell 21	soil	2007-10-24	12:15	2007-10-26

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Analytical Report

Sample: 140493 - Cell 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42476	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36661	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	Result	RL Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.913	mg/Kg	1	1.00	91	69.3 - 103
4-Bromofluorobenzene (4-BFB)		0.995	mg/Kg	1	1.00	100	68.8 - 120

Sample: 140493 - Cell 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42571	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	Result	RL Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 140494 - Cell 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42476	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36661	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	Result	RL Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.851	mg/Kg	1	1.00	85	69.3 - 103
4-Bromofluorobenzene (4-BFB)		0.938	mg/Kg	1	1.00	94	68.8 - 120

Sample: 140494 - Cell 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42571	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 140495 - Cell 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42476	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36661	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.868	mg/Kg	1	1.00	87	69.3 - 103
4-Bromofluorobenzene (4-BFB)		0.962	mg/Kg	1	1.00	96	68.8 - 120

Sample: 140495 - Cell 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42571	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 140496 - Cell 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42476	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36661	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.862	mg/Kg	1	1.00	86	69.3 - 103
4-Bromofluorobenzene (4-BFB)		0.896	mg/Kg	1	1.00	90	68.8 - 120

Sample: 140496 - Cell 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42571	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 140497 - Cell 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42477	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36662	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.883	mg/Kg	1	1.00	88	69.3 - 103
4-Bromofluorobenzene (4-BFB)		0.980	mg/Kg	1	1.00	98	68.8 - 120

Sample: 140497 - Cell 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42571	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 140498 - Cell 6

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42476	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36661	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.860	mg/Kg	1	1.00	86	69.3 - 103
4-Bromofluorobenzene (4-BFB)		0.960	mg/Kg	1	1.00	96	68.8 - 120

Sample: 140498 - Cell 6

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42571	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 140499 - Cell 7

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42476	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36661	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.872	mg/Kg	1	1.00	87	69.3 - 103
4-Bromofluorobenzene (4-BFB)		0.959	mg/Kg	1	1.00	96	68.8 - 120

Sample: 140499 - Cell 7

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42571	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 140500 - Cell 8

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42476	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36661	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.0100		mg/Kg	1	0.0100
Toluene		<0.0100		mg/Kg	1	0.0100
Ethylbenzene		<0.0100		mg/Kg	1	0.0100
Xylene		<0.0100		mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.867	mg/Kg	1	1.00	87	69.3 - 103
4-Bromofluorobenzene (4-BFB)		0.964	mg/Kg	1	1.00	96	68.8 - 120

Sample: 140500 - Cell 8

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42574	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	Result	RL	Units	Dilution	RL
TRPHC		<10.0		mg/Kg	1	10.0

Sample: 140501 - Cell 9

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42476	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36661	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.0100		mg/Kg	1	0.0100
Toluene		<0.0100		mg/Kg	1	0.0100
Ethylbenzene		<0.0100		mg/Kg	1	0.0100
Xylene		<0.0100		mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.868	mg/Kg	1	1.00	87	69.3 - 103
4-Bromofluorobenzene (4-BFB)		0.964	mg/Kg	1	1.00	96	68.8 - 120

Sample: 140501 - Cell 9

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42574	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	Result	RL	Units	Dilution	RL
TRPHC		<10.0		mg/Kg	1	10.0

Sample: 140502 - Cell 10

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42477	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36662	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.0100		mg/Kg	1	0.0100
Toluene		<0.0100		mg/Kg	1	0.0100
Ethylbenzene		<0.0100		mg/Kg	1	0.0100
Xylene		<0.0100		mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.844	mg/Kg	1	1.00	84	69.3 - 103
4-Bromofluorobenzene (4-BFB)		0.940	mg/Kg	1	1.00	94	68.8 - 120

Sample: 140502 - Cell 10

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42574	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	Result	RL	Units	Dilution	RL
TRPHC		<10.0		mg/Kg	1	10.0

Sample: 140503 - Cell 11

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42476	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36661	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.0100		mg/Kg	1	0.0100
Toluene		<0.0100		mg/Kg	1	0.0100
Ethylbenzene		<0.0100		mg/Kg	1	0.0100
Xylene		<0.0100		mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.856	mg/Kg	1	1.00	86	69.3 - 103
4-Bromofluorobenzene (4-BFB)		0.948	mg/Kg	1	1.00	95	68.8 - 120

Sample: 140503 - Cell 11

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42574	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 140504 - Cell 12

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42477	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36662	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.866	mg/Kg	1	1.00	87	69.3 - 103
4-Bromofluorobenzene (4-BFB)		0.968	mg/Kg	1	1.00	97	68.8 - 120

Sample: 140504 - Cell 12

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42574	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 140505 - Cell 13

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42477	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36662	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.864	mg/Kg	1	1.00	86	69.3 - 103
4-Bromofluorobenzene (4-BFB)		0.959	mg/Kg	1	1.00	96	68.8 - 120

Sample: 140505 - Cell 13

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42574	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 140506 - Cell 14

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42477	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36662	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.872	mg/Kg	1	1.00	87	69.3 - 103
4-Bromofluorobenzene (4-BFB)		0.964	mg/Kg	1	1.00	96	68.8 - 120

Sample: 140506 - Cell 14

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42574	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 140507 - Cell 15

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42477	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36662	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.886	mg/Kg	1	1.00	89	69.3 - 103
4-Bromofluorobenzene (4-BFB)		0.974	mg/Kg	1	1.00	97	68.8 - 120

Sample: 140507 - Cell 15

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42574	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 140508 - Cell 16

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42477	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36662	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.903	mg/Kg	1	1.00	90	69.3 - 103
4-Bromofluorobenzene (4-BFB)		0.995	mg/Kg	1	1.00	100	68.8 - 120

Sample: 140508 - Cell 16

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42574	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 140509 - Cell 17

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42477	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36662	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.914	mg/Kg	1	1.00	91	69.3 - 103
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	1	1.00	102	68.8 - 120

Sample: 140509 - Cell 17

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42574	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 140510 - Cell 18

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42477	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36662	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.898	mg/Kg	1	1.00	90	69.3 - 103
4-Bromofluorobenzene (4-BFB)		1.00	mg/Kg	1	1.00	100	68.8 - 120

Sample: 140510 - Cell 18

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42574	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**30.4**	mg/Kg	1	10.0

Sample: 140511 - Cell 19

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42477	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36662	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.935	mg/Kg	1	1.00	94	69.3 - 103
4-Bromofluorobenzene (4-BFB)		0.992	mg/Kg	1	1.00	99	68.8 - 120

Sample: 140511 - Cell 19

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42574	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 140512 - Cell 21

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	42477	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36662	Sample Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.850	mg/Kg	1	1.00	85	69.3 - 103
4-Bromofluorobenzene (4-BFB)		0.944	mg/Kg	1	1.00	94	68.8 - 120

Sample: 140512 - Cell 21

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	42574	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	Sample Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Method Blank (1) QC Batch: 42476

QC Batch:	42476	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36661	QC Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000860	mg/Kg	0.01
Toluene		<0.00210	mg/Kg	0.01
Ethylbenzene		<0.00988	mg/Kg	0.01
Xylene		<0.00163	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.868	mg/Kg	1	1.00	87	72.9 - 113
4-Bromofluorobenzene (4-BFB)		0.748	mg/Kg	1	1.00	75	62.6 - 112

Method Blank (1) QC Batch: 42477

QC Batch:	42477	Date Analyzed:	2007-10-26	Analyzed By:	MT
Prep Batch:	36662	QC Preparation:	2007-10-26	Prepared By:	MT

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000860	mg/Kg	0.01
Toluene		<0.00210	mg/Kg	0.01
Ethylbenzene		<0.00988	mg/Kg	0.01
Xylene		<0.00163	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.820	mg/Kg	1	1.00	82	72.9 - 113
4-Bromofluorobenzene (4-BFB)		0.693	mg/Kg	1	1.00	69	62.6 - 112

Method Blank (1) QC Batch: 42571

QC Batch:	42571	Date Analyzed:	2007-10-30	Analyzed By:	RM
Prep Batch:	36722	QC Preparation:	2007-10-29	Prepared By:	RM

Parameter	Flag	MDL Result	Units	RL
TRPHC		<5.86	mg/Kg	10

Method Blank (1) QC Batch: 42574

QC Batch: 42574 Date Analyzed: 2007-10-30 Analyzed By: RM
Prep Batch: 36722 QC Preparation: 2007-10-29 Prepared By: RM

Parameter	Flag	MDL Result	Units	RL
TRPHC		<5.86	mg/Kg	10

Laboratory Control Spike (LCS-1)

QC Batch: 42476 Date Analyzed: 2007-10-26 Analyzed By: MT
Prep Batch: 36661 QC Preparation: 2007-10-26 Prepared By: MT

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.862	mg/Kg	1	1.00	<0.000860	86	79.9 - 113
Toluene	0.895	mg/Kg	1	1.00	<0.00211	90	80.2 - 113
Ethylbenzene	0.903	mg/Kg	1	1.00	<0.000988	90	80 - 113
Xylene	2.75	mg/Kg	1	3.00	<0.00163	92	79 - 111

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.887	mg/Kg	1	1.00	<0.000860	89	79.9 - 113	3	20
Toluene	0.913	mg/Kg	1	1.00	<0.00211	91	80.2 - 113	2	20
Ethylbenzene	0.920	mg/Kg	1	1.00	<0.000988	92	80 - 113	2	20
Xylene	2.79	mg/Kg	1	3.00	<0.00163	93	79 - 111	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.959	0.911	mg/Kg	1	1.00	96	91	81.3 - 116
4-Bromofluorobenzene (4-BFB)	0.968	0.923	mg/Kg	1	1.00	97	92	85.8 - 119

Laboratory Control Spike (LCS-1)

QC Batch: 42477 Date Analyzed: 2007-10-26 Analyzed By: MT
Prep Batch: 36662 QC Preparation: 2007-10-26 Prepared By: MT

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.855	mg/Kg	1	1.00	<0.000860	86	79.9 - 113
Toluene	0.890	mg/Kg	1	1.00	<0.00211	89	80.2 - 113

continued ...

control spikes continued ...

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Ethylbenzene	0.892	mg/Kg	1	1.00	<0.000988	89	80 - 113
Xylene	2.71	mg/Kg	1	3.00	<0.00163	90	79 - 111

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.864	mg/Kg	1	1.00	<0.000860	86	79.9 - 113	1	20
Toluene	0.900	mg/Kg	1	1.00	<0.00211	90	80.2 - 113	1	20
Ethylbenzene	0.903	mg/Kg	1	1.00	<0.000988	90	80 - 113	1	20
Xylene	2.74	mg/Kg	1	3.00	<0.00163	91	79 - 111	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.896	0.920	mg/Kg	1	1.00	90	92	81.3 - 116
4-Bromofluorobenzene (4-BFB)	0.918	0.945	mg/Kg	1	1.00	92	94	85.8 - 119

Laboratory Control Spike (LCS-1)

QC Batch: 42571 | Date Analyzed: 2007-10-30 | Analyzed By: RM
Prep Batch: 36722 | QC Preparation: 2007-10-29 | Prepared By: RM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TRPHC	285	mg/Kg	1	250	<5.86	114	80.9 - 124

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
TRPHC	248	mg/Kg	1	250	<5.86	99	80.9 - 124	14	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 42574 | Date Analyzed: 2007-10-30 | Analyzed By: RM
Prep Batch: 36722 | QC Preparation: 2007-10-29 | Prepared By: RM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TRPHC	252	mg/Kg	1	250	<5.86	101	80.9 - 124

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
TRPHC	238	mg/Kg	1	250	<5.86	95	80.9 - 124	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 140463

QC Batch: 42476 | Date Analyzed: 2007-10-26 | Analyzed By: MT
Prep Batch: 36661 | QC Preparation: 2007-10-26 | Prepared By: MT

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.397	mg/Kg	1	1.00	<0.000860	40	35 - 116
Toluene	0.430	mg/Kg	1	1.00	<0.000211	43	36.4 - 122
Ethylbenzene	0.453	mg/Kg	1	1.00	<0.000988	45	41.2 - 124
Xylene	1.41	mg/Kg	1	3.00	<0.00163	47	40.6 - 123

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param		MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	[1]	0.0608	mg/Kg	1	1.00	<0.000860	6	35 - 116	147	20
Toluene	[2]	0.0670	mg/Kg	1	1.00	<0.000211	7	36.4 - 122	146	20
Ethylbenzene	[3]	0.0690	mg/Kg	1	1.00	<0.000988	7	41.2 - 124	147	20
Xylene	[4]	0.213	mg/Kg	1	3.00	<0.00163	7	40.6 - 123	148	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.982	0.893	mg/Kg	1	1	98	89	72.3 - 137
4-Bromofluorobenzene (4-BFB)	1.10	0.958	mg/Kg	1	1	110	96	67.8 - 146

Matrix Spike (MS-1) Spiked Sample: 140497

QC Batch: 42477 | Date Analyzed: 2007-10-26 | Analyzed By: MT
Prep Batch: 36662 | QC Preparation: 2007-10-26 | Prepared By: MT

Param		MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	[5]	<0.000860	mg/Kg	1	1.00	<0.000860	0	35 - 116
Toluene	[6]	<0.000211	mg/Kg	1	1.00	<0.000211	0	36.4 - 122
Ethylbenzene	[7]	<0.000988	mg/Kg	1	1.00	<0.000988	0	41.2 - 124
Xylene	[8]	<0.00163	mg/Kg	1	3.00	<0.00163	0	40.6 - 123

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param		MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	[9]	0.00	mg/Kg	1	1.00	<0.000860	0	35 - 116	0	20

continued ...

[1] MSD analyte out of range, use LCS LCSD.
[2] MSD analyte out of range, use LCS LCSD..
[3] MSD analyte out of range, use LCS LCSD.
[4] MSD analyte out of range, use LCS LCSD.
[5] Matrix spike out, use LCS LCSD
[6] Matrix spike out, use LCS LCSD
[7] Matrix spike out, use LCS LCSD
[8] Matrix spike out, use LCS LCSD
[9] Matrix spike out, use LCS LCSD

matrix spikes continued ...

Param		MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Toluene	[10]	0.00	mg/Kg	1	1.00	<0.000211	0	36.4 - 122	0	20
Ethylbenzene	[11]	0.00	mg/Kg	1	1.00	<0.000988	0	41.2 - 124	0	20
Xylene	[12]	0.00	mg/Kg	1	3.00	<0.00163	0	40.6 - 123	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.869	0.878	mg/Kg	1	1	87	88	72.3 - 137
4-Bromofluorobenzene (4-BFB)	0.974	0.977	mg/Kg	1	1	97	98	67.8 - 146

Matrix Spike (MS-1) Spiked Sample: 140501

QC Batch: 42574 | Date Analyzed: 2007-10-30 | Analyzed By: RM
Prep Batch: 36722 | QC Preparation: 2007-10-29 | Prepared By: RM

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TRPHC	302	mg/Kg	1	250	<5.86	121	30.6 - 157

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
TRPHC	310	mg/Kg	1	250	<5.86	124	30.6 - 157	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1)

QC Batch: 42476 | Date Analyzed: 2007-10-26 | Analyzed By: MT

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0895	90	85 - 115	2007-10-26
Toluene		mg/Kg	0.100	0.0912	91	85 - 115	2007-10-26
Ethylbenzene		mg/Kg	0.100	0.0934	93	85 - 115	2007-10-26
Xylene		mg/Kg	0.300	0.283	94	85 - 115	2007-10-26

Standard (CCV-1)

QC Batch: 42476 | Date Analyzed: 2007-10-26 | Analyzed By: MT

[10] Matrix spike out, use LCS LCSD
[11] Matrix spike out, use LCS LCSD
[12] Matrix spike out, use LCS LCSD

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0863	86	85 - 115	2007-10-26
Toluene		mg/Kg	0.100	0.0895	90	85 - 115	2007-10-26
Ethylbenzene		mg/Kg	0.100	0.0909	91	85 - 115	2007-10-26
Xylene		mg/Kg	0.300	0.278	93	85 - 115	2007-10-26

Standard (ICV-1)

QC Batch: 42477 Date Analyzed: 2007-10-26 Analyzed By: MT

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0858	86	85 - 115	2007-10-26
Toluene		mg/Kg	0.100	0.0883	88	85 - 115	2007-10-26
Ethylbenzene		mg/Kg	0.100	0.0883	88	85 - 115	2007-10-26
Xylene		mg/Kg	0.300	0.269	90	85 - 115	2007-10-26

Standard (CCV-1)

QC Batch: 42477 Date Analyzed: 2007-10-26 Analyzed By: MT

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0848	85	85 - 115	2007-10-26
Toluene		mg/Kg	0.100	0.0852	85	85 - 115	2007-10-26
Ethylbenzene		mg/Kg	0.100	0.0863	86	85 - 115	2007-10-26
Xylene		mg/Kg	0.300	0.262	87	85 - 115	2007-10-26

Standard (ICV-1)

QC Batch: 42571 Date Analyzed: 2007-10-30 Analyzed By: RM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	112	112	80 - 120	2007-10-30

Standard (CCV-1)

QC Batch: 42571 Date Analyzed: 2007-10-30 Analyzed By: RM

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	112	112	80 - 120	2007-10-30

Standard (ICV-1)

QC Batch: 42574 Date Analyzed: 2007-10-30 Analyzed By: RM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	112	112	80 - 120	2007-10-30

Standard (CCV-1)

QC Batch: 42574 Date Analyzed: 2007-10-30 Analyzed By: RM

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	109	109	80 - 120	2007-10-30

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296
email: lab@traceanalysis.com

TraceAnalysis, Inc.

155 McCutcheon,Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 1102621

Company Name: Gandy Marley Inc. Phone #: 505-347-0434

Address: (Street, City, Zip) PO Box 1658 Roswell NM 88202 Fax #: 505-347-0435

Contact Person: Bill Marley, Project Mgr. e-mail: gmlc@fmi.com

Invoice to: (If different from above)

Project #: 3rd Quarter Soil Sampling 2007 Project Name: GMI Landfarm

Project Location: Sec. 4,5,8,9 T.11.S. R31E Chaves Co. Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
140493	Cell 1	1	4oz		X								X	10/24/07	0950
494	Cell 2														0955
495	Cell 3														1000
496	Cell 4														1007
497	Cell 5														1015
498	Cell 6														1020
499	Cell 7														1035
500	Cell 8														1045
501	Cell 9														1055
502	Cell 10														1100
503	Cell 11														1110

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content				Turn Around Time if different from standard	Hold
	X	X																			

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	10/25/07	1000			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
				10/26/07	1130

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

LAB USE ONLY

Intact (Y) / N

Headspace Y / (N)

Temp 4 °

Log-in Review MV

REMARKS:

☐ Dry Weight Basis Required

☐ TRRP Report Required

☐ Check If Special Reporting Limits Are Needed

Carrier # Bus GLI 3043339002

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296
email: lab@traceanalysis.com

TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 7102621

Company Name: Gandy Marley Inc. Phone #: 505 347-0434
Address: (Street, City, Zip) PO Box 1658 Roswell, NM 88202 Fax #: 505 347-0435
Contact Person: Bill Marley Project Mgr e-mail: gmi@dfn.com
Invoice to: (If different from above)
Project #: 3rd Quarter Soil Sampling 2007 Project Name: GMI Landfarm
Project Location: Sec 4, 5, 8, 9 T. 11 S. R. 31 E. Chaves Co. NM Sampler Signature: [signature] PG

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
140504	Cell 12	1	4oz		X								X	10/24/07	1118
505	Cell 13														1125
506	Cell 14														1130
507	Cell 15														1140
508	Cell 16														1145
509	Cell 17														1155
510	Cell 18														1230
511	Cell 19														1200
512	Cell 21														1215

ANALYSIS REQUEST

(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content			Turn Around Time if different from standard	Hold
X	X	X																		

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	10/25/07	1000			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: [signature]	Date: 10/26/07	Time: 1130

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

LAB USE ONLY

Intact (Y) N
Headspace Y / (N)
Temp 4 °
Log-in Review mo

REMARKS:

- ☐ Dry Weight Basis Required
- ☐ TRRP Report Required
- ☐ Check If Special Reporting Limits Are Needed

Carrier # BUSC-LI 304333 9002

August 23, 2007

New Mexico Energy, Minerals, & Natural Resources Dept.
Oil Conservation Division Environmental Bureau
Attn: Mr. Brad A. Jones
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Submittal of Second Quarter Monitoring Report for Year 2007
Gandy Marley Inc., Commercial Landfarm
Gandy Marley Inc., Operator / PRP
SW/4 of Section 4, SE/4 of Section 5, NE/4 of Section 8, & NW/4 of Section 9,
T. 11 S., R.31 E., NMPM
Chaves County, New Mexico
Commercial Landfarm Permit (NM-01-0019)

Dear Mr. Jones:

Clayton M. Barnhill, CMB Environmental and Geological Services Inc., on behalf of the owner/operator, Gandy Marley Inc., submit the attached Quarterly Monitoring Report for the above-mentioned site.

If you have any questions about the contents of the report, please do not hesitate to call me. Thank you.

Sincerely,

Clayton M. Barnhill, PG
NMED PSTB Certified Scientist # 246
CMB Environmental & Geological Services, Inc.
PO Box 2304
Roswell, NM 88202-2304
Phone: (505) 622-2012 Phone Fax: (505) 625-0538
Cellular: (505) 626-1615
cmbenviro@dfn.com

Cc: Gandy Marley Inc.

COVER PAGE
QUARTERLY MONITORING REPORT

Please include the following information:

1. Site Name: **Gandy Marley Landfarm**

2. Responsible party: **Gandy Marley Inc.**

3. Responsible party mailing address (list contact person if different):

   Gandy Marley Inc.
   Attn: Bill Marley, Vice President
   Attn: Larry Gandy, Vice President
   PO Box 1658
   Roswell, NM 88202-1658

4. Commercial Landfarm Permit Number: **NM-01-0019**

5. Address/legal description:

   SW/4 of Section 4, SE/4 of Section 5, NE/4 of Section 8, & NW/4 of Section 9
   T. 11 S. R. 31 E., NMPM
   Chaves County, NM

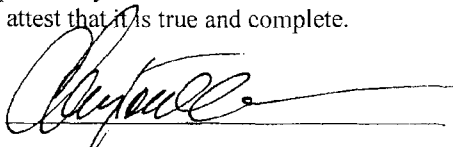
6. Author/consulting company:

   Clayton M. Barnhill, PG, CMB Environmental & Geological Services, Inc.

7. Date of report: **August 23, 2007**

STATEMENT OF FAMILIARITY

I, the undersigned, am personally familiar with the information submitted in this report and the attached documents and attest that it is true and complete.

Signature: 

Name: Clayton M. Barnhill, PG

Affiliation: CMB Environmental and Geological Services, Inc.

Title: Sr. / Principal Geologist

Certified Scientist #: 0246, State of Texas Professional Geologist 6121, exp. 12/31/07

Date: 08/23/2007

I. INTRODUCTION

CMB Environmental and Geological Services Inc., on behalf of Gandy Marley Inc., the owner/operator of the Gandy Marley Inc., Landfarm located in the SW/4 of Section 4, SE/4 of Section 5, NE/4 of Section 8, & NW/4 of Section 9, Township 11 South, Range 31 East, Chaves County, New Mexico, has prepared this quarterly monitoring report in accordance with conditions set forth in Commercial Landfarm Permit Number NM-01-0019 (Gandy Marley Inc., approved by the New Mexico Energy, Minerals, & Natural Resources Department Oil Conservation Division (NMOCD) Environmental Bureau on January 17, 2007.

The Gandy Marley Inc, Commercial Landfarm is located approximately 33 miles northwest of Tatum, NM in Sections 4, 5, 8 & 9, T. 11 S. R. 31 E., Chaves County, New Mexico (Figure 1). In January of 2007, the New Mexico Energy, Minerals, & Natural Resources Department Oil Conservation Division (NMOCD) Environmental Bureau approved a Commercial Landfarm Permit NM-01-0019. The commercial landfarm is being managed in accordance with the NMOCD approved Commercial Landfarm Permit NM-01-0019. Received soils on the landfarm are deposited in bermed cells in six-inch lifts and disked on a regular basis to enhance aeration. Groundwater below the site is at a depth between 122.62' foot (MW-2) and 130.32' foot (MW-1) below the top of casing of both monitor wells. Groundwater beneath the site has a total dissolved solids concentration of approximately 8970 milligrams per liter.

A. Scope of Work

The approved scope of work for the second quarter of monitoring year 2007 consists of collecting confirmation soil samples beneath all site cells actively landfarmed or previously active, analyzing the subsurface soil samples for total petroleum hydrocarbons (TPH), and BTEX, and then produce a map showing the sample locations, and compiling and reporting data or analyses that demonstrate the media located in the remediation cell has been remediated to an acceptable level by the NMOCD Commercial Landfarm Permit NM-01-0019.

The soil sampling adequately monitored the vadose zone beneath the facility. Appendix 3 contains the complete analytical results for soils sampled in these Cells.

The sampling protocol for the monitoring activities can be found in Appendix 1. Appendix 2 contains field notes with GPS Coordinates of sample points for this monitoring event. Laboratory analysis reports of soil samples are in Appendix 3.

B. Quarter Highlights

Second quarter 2007 sampling / monitoring was performed on July 16, 2007. This quarter's monitoring activities include the following:

- Collection of one Remediation Cell Soil samples from all active and previously active landfarm remediation cells for laboratory analysis of the parameters outlined in section (A) above.

- Preparation of this report.

ACTIVITIES PERFORMED DURING THIS QUARTER

C. Monitoring Activities

Landfarm Remediation cell soil samples were collected beneath the remediation cells and submitted to Trace Analysis Laboratory, located in Lubbock Texas and were analyzed for TPH using EPA Method 418.1, BTEX using EPA Method 8021B.

The soil sampling adequately monitored the vadose zone beneath the facility. Field parameters included a lithologic description of the soil samples, and GPS location coordinates of the soil samples. Field Notes containing this information are found in Appendix 2. Laboratory analysis reports and chain of custody forms are in Appendix 3.

II. SUMMARY AND CONCLUSIONS

A. Assessment of Remediation Activities:

Gandy Marley Inc. continues to be highly effective at managing and remediating soils and operating a professional commercial landfarm facility.

Analyses from a soil sample of the remediated soils in all Landfarm Cells show the remediated soils in all cells to contain less than <0.0100 PPM BTEX, and TPH concentrations (≤10 PPM TPH). The contaminated media in the cells has been adequately remediated and meets the requirements of WQCC Regulation 3109. Additional soils can be added to these cells for future remediation.

Perched groundwater below the site is at a depth of 122' feet to 130' feet below ground surface, and has a total dissolved solids concentration of approximately 8970 milligrams per liter.

The vadose zone beneath the facility has been adequately monitored by the subsurface soil samples collected beneath each cell in compliance with WQCC Regulation 3107. There has been no leaching of contaminated media into the vadose zone beneath the remediation cells. All sampled cells had BTEX soil concentrations below < 0.01 PPM, and TPH Concentrations ≤ 10 PPM.

LIST OF FIGURES

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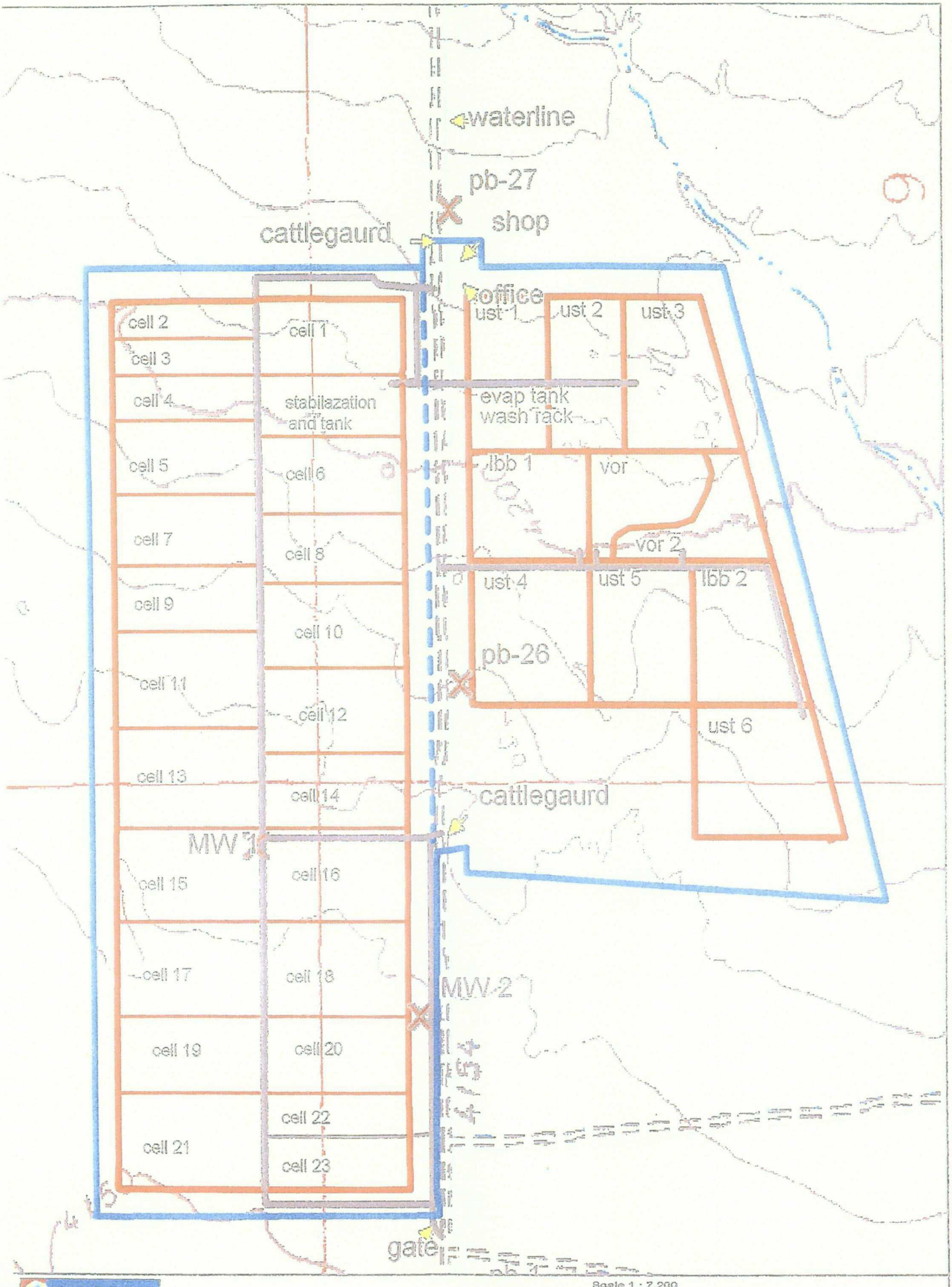
Figures: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cell 10
pb-26
cell 11
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cattlegaurd
MW 1
cell 15
cell 16
cell 17
cell 18
MW-2
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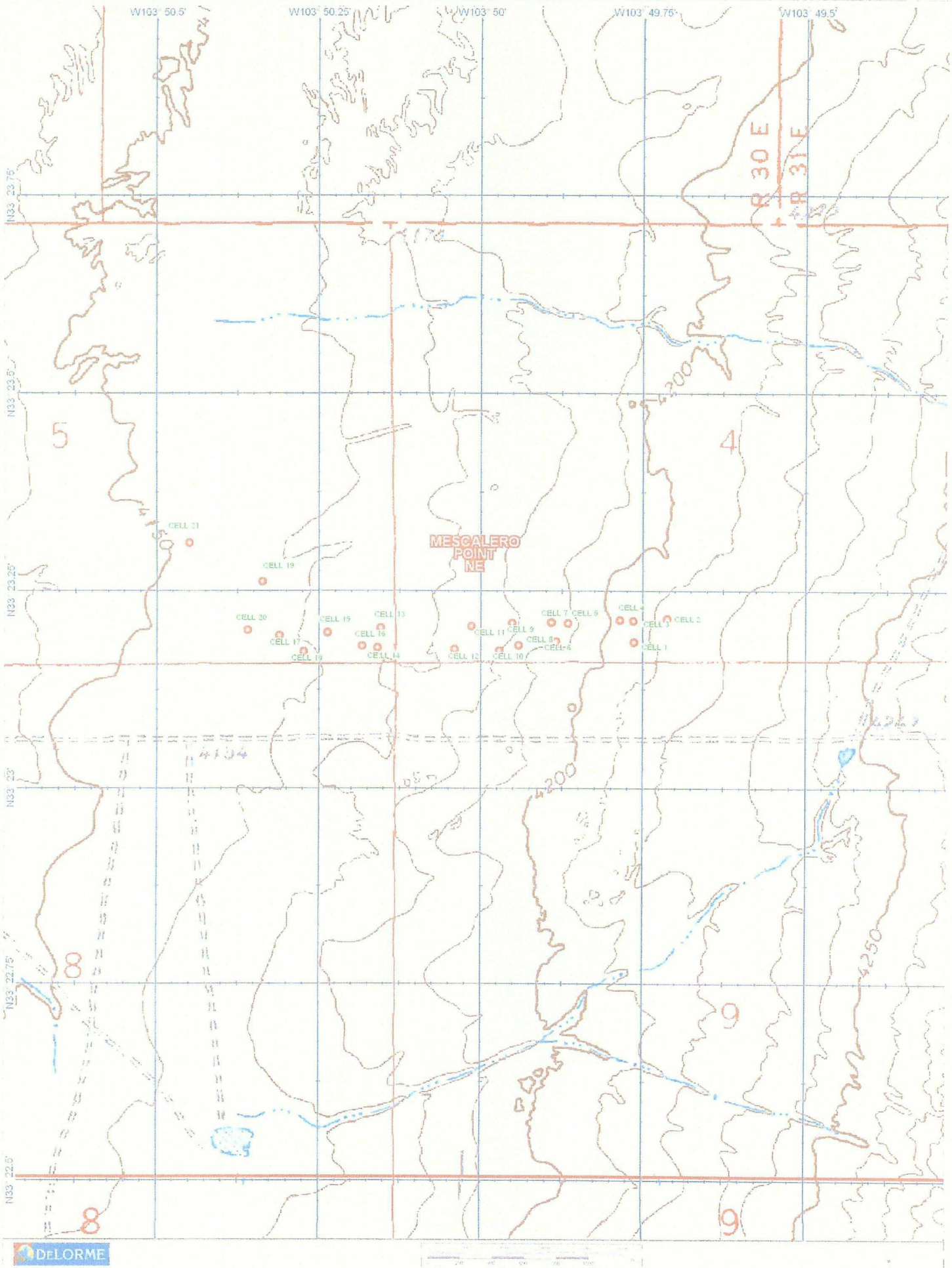
1" = 600 ft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4
8
9
MESCALERO POINT NE
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CELL 15
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CELL 14
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CELL 9
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CELL 6
CELL 7
CELL 5
CELL 4
CELL 3
CELL 2
CELL 1
4200
4250
4134

Table 1
Lab Analysis Summary Report

Summary Report

Bill Marley
Gandy Marley Inc.
Box 1658
Roswell, NM, 88202

Report Date: July 25, 2007

Work Order: 7071823

Project Location: Sec. 4,5,8,9 T.11S. R31E. Chaves Co, NM
Project Name: GMI Landfarm
Project Number: 2nd Quarter Soil Sampling 2007

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
130292	Cell 21	soil	2007-07-16	11:17	2007-07-18
130293	Cell 20	soil	2007-07-16	11:27	2007-07-18
130294	Cell 19	soil	2007-07-16	11:38	2007-07-18
130295	Cell 17	soil	2007-07-16	11:43	2007-07-18
130296	Cell 18	soil	2007-07-16	11:48	2007-07-18
130297	Cell 15	soil	2007-07-16	11:52	2007-07-18
130298	Cell 16	soil	2007-07-16	11:56	2007-07-18
130299	Cell 14	soil	2007-07-16	12:00	2007-07-18
130300	Cell 13	soil	2007-07-16	12:04	2007-07-18
130301	Cell 12	soil	2007-07-16	12:08	2007-07-18
130302	Cell 11	soil	2007-07-16	12:11	2007-07-18
130303	Cell 10	soil	2007-07-16	12:16	2007-07-18
130304	Cell 09	soil	2007-07-16	12:20	2007-07-18
130305	Cell 08	soil	2007-07-16	12:24	2007-07-18
130306	Cell 07	soil	2007-07-16	12:28	2007-07-18
130307	Cell 06	soil	2007-07-16	12:32	2007-07-18
130308	Cell 05	soil	2007-07-16	12:35	2007-07-18
130309	Cell 04	soil	2007-07-16	12:40	2007-07-18
130310	Cell 01	soil	2007-07-16	12:43	2007-07-18
130311	Cell 03	soil	2007-07-16	12:47	2007-07-18
130312	Cell 02	soil	2007-07-16	12:55	2007-07-18

	BTEX				MTBE	TPH 418.1
Sample - Field Code	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	TRPHC (mg/Kg)
130292 - Cell 21	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130293 - Cell 20	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130294 - Cell 19	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130295 - Cell 17	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130296 - Cell 18	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130297 - Cell 15	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130298 - Cell 16	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130299 - Cell 14	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130300 - Cell 13	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130301 - Cell 12	<0.0100	<0.0100	<0.0100	<0.0100		<10.0

continued ...

... continued

	BTEX				MTBE	TPH 418.1
	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	TRPHC
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
130302 - Cell 11	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130303 - Cell 10	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130304 - Cell 09	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130305 - Cell 08	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130306 - Cell 07	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130307 - Cell 06	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130308 - Cell 05	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130309 - Cell 04	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130310 - Cell 01	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130311 - Cell 03	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130312 - Cell 02	<0.0100	<0.0100	<0.0100	<0.0100		<10.0

Appendix 2
Field Notes

Location GMI LANDFARM Date 7/16/07
Project / Client 2ND QUARTER SAMPLING 2007
@GMI BY: CMB PAGE 1 of 3

CELL #	TIME	GPS COORD	REMARKS
21	1117	33°23.241N 103°50.450W	Brown Fine Sand w/ Caliche
20	1127	33°23.162 103°50.337	Brown Clayey Sand
19	1138	33°23.100 103°50.360	Red Fine Clayey Sand
17	1143	33°23.193 103°50.311	Brown Clayey Sand
18	1148	33°23.173 103°50.274	Brown Fine Sand
15	1152	33°23.197 103°50.237	Red Clayey Sand
16	1156	33°23.189 103.50.184	Red Clayey Sand w/ Caliche
14	1200	33°23.178 103°50.160	Brown Fine Sand
13	1204	33°23.203 103°50.155	Red Fine Sand
12	1208	33°23.176 103°50.041	Brown Fine Sand
11	1211	33°23.205 103°50.015	Brown Clayey w/ Caliche
10	1216	33°23.174 103°[redacted]49.972	Brown Clayey Sand

Location GMI LANDFARM Date 7/16/07
Project / Client 2ND QRT SAMPLING 2007
@GMI BY: CMB PAGE 2 of 3

CELL #	TIME	GPS COORD	REMARKS
9	1220	33°23.209N 103°49.952N	Brown Fine Sand
8	1224	33°23.181 103°49.942	Brown Fine Sand
7	1228	33°23.210 103°49.892	Brown Fine Sand
6	1232	33°23.186 103°49.885	Brown Clayey Sand w/ Caliche
5	1235	33°23.209 103°49.867	Brown Clayey Sand
4	1240	33°23.213 103°49.787	Brown Clayey w/ Caliche
1	1243	33°23.185 103°49.765	Brown Fine Sand
3	1247	33°23.212 103°49.766	Red Clayey w/ Caliche
2	1255	33°23.215 103°49.713	Red Fine Sand
VST 1	1301	33°23.004 103°49.793	Red Fine Sand
VST 2	1306	33°23.934 103°49.792	Red Fine Sand

Location GMI Landfarm Date 7/16/07

Project / Client 2nd Qtr. Sampling 2007 @GMI BY: CMB Page 3 of 3

UST 3	1310	33° 22.911	Brown
		103°49.792	Fine Sand
UST 4	1317	33°22.967	Brown
		103°49.958	Fine Sand
UST 5	1330	33°22.926	Brn/Rd Fine
		103°49.957	w/ Caliche
LBB 1	1321	33°22.991	Brown
		103°49.919	Clayey Sand
VOR	1326	33°22.930	Red Fine
		103°49.923	w/ Caliche
LBB2	1335	33°22.867	Brown
		103°49.960	Fine Sand
UST 6	1339	33°22.796	Brown
		103° 50.086	Fine Sand
UST 7	1343	33°22.767	Brown
		103°50.159	Fine Sand

Location Date

Project / Client

Appendix 3
Laboratory Reports

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 | Lubbock, Texas 79424 | 800•378•1296 | 806•794•1296 | FAX 806•794•1298
200 East Sunset Road, Suite E | El Paso, Texas 79922 | 888•588•3443 | 915•585•3443 | FAX 915•585•4944
5002 Basin Street, Suite A1 | Midland, Texas 79703 | | 432•689•6301 | FAX 432•689•6313
6016 Harris Parkway, Suite 110 | Ft. Worth, Texas 76132 | | 817•201•5260 |
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Bill Marley
Gandy Marley Inc.
Box 1658
Roswell, NM, 88202

Report Date: July 25, 2007

Work Order: 7071823

Project Location: Sec. 4,5,8,9 T.11S. R31E. Chaves Co, NM
Project Name: GMI Landfarm
Project Number: 2nd Quarter Soil Sampling 2007

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
130292	Cell 21	soil	2007-07-16	11:17	2007-07-18
130293	Cell 20	soil	2007-07-16	11:27	2007-07-18
130294	Cell 19	soil	2007-07-16	11:38	2007-07-18
130295	Cell 17	soil	2007-07-16	11:43	2007-07-18
130296	Cell 18	soil	2007-07-16	11:48	2007-07-18
130297	Cell 15	soil	2007-07-16	11:52	2007-07-18
130298	Cell 16	soil	2007-07-16	11:56	2007-07-18
130299	Cell 14	soil	2007-07-16	12:00	2007-07-18
130300	Cell 13	soil	2007-07-16	12:04	2007-07-18
130301	Cell 12	soil	2007-07-16	12:08	2007-07-18
130302	Cell 11	soil	2007-07-16	12:11	2007-07-18
130303	Cell 10	soil	2007-07-16	12:16	2007-07-18
130304	Cell 09	soil	2007-07-16	12:20	2007-07-18
130305	Cell 08	soil	2007-07-16	12:24	2007-07-18
130306	Cell 07	soil	2007-07-16	12:28	2007-07-18
130307	Cell 06	soil	2007-07-16	12:32	2007-07-18
130308	Cell 05	soil	2007-07-16	12:35	2007-07-18
130309	Cell 04	soil	2007-07-16	12:40	2007-07-18
130310	Cell 01	soil	2007-07-16	12:43	2007-07-18
130311	Cell 03	soil	2007-07-16	12:47	2007-07-18
130312	Cell 02	soil	2007-07-16	12:55	2007-07-18

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch

basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 21 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project GMI Landfarm were received by TraceAnalysis, Inc. on 2007-07-18 and assigned to work order 7071823. Samples for work order 7071823 were received intact at a temperature of 4.0 deg C.

Samples were analyzed for the following tests using their respective methods.

Test	Method
BTEX	S 8021B
TPH 418.1	E 418.1

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 7071823 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 130292 - Cell 21

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39200	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33927	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.0100		mg/Kg	1	0.0100
Toluene		<0.0100		mg/Kg	1	0.0100
Ethylbenzene		<0.0100		mg/Kg	1	0.0100
Xylene		<0.0100		mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.974	mg/Kg	1	1.00	97	52.1 - 131
4-Bromofluorobenzene (4-BFB)		0.830	mg/Kg	1	1.00	83	48.7 - 146

Sample: 130292 - Cell 21

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	Result	RL	Units	Dilution	RL
TRPHC		<10.0		mg/Kg	1	10.0

Sample: 130293 - Cell 20

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.0100		mg/Kg	1	0.0100
Toluene		<0.0100		mg/Kg	1	0.0100
Ethylbenzene		<0.0100		mg/Kg	1	0.0100
Xylene		<0.0100		mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.938	mg/Kg	1	1.00	94	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	1	1.00	102	48.7 - 146

Sample: 130293 - Cell 20

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 130294 - Cell 19

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.929	mg/Kg	1	1.00	93	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	1	1.00	104	48.7 - 146

Sample: 130294 - Cell 19

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 130295 - Cell 17

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.920	mg/Kg	1	1.00	92	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.00	mg/Kg	1	1.00	100	48.7 - 146

Sample: 130295 - Cell 17

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 130296 - Cell 18

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.932	mg/Kg	1	1.00	93	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.00	mg/Kg	1	1.00	100	48.7 - 146

Sample: 130296 - Cell 18

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 130297 - Cell 15

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.0100		mg/Kg	1	0.0100
Toluene		<0.0100		mg/Kg	1	0.0100
Ethylbenzene		<0.0100		mg/Kg	1	0.0100
Xylene		<0.0100		mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.924	mg/Kg	1	1.00	92	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.01	mg/Kg	1	1.00	101	48.7 - 146

Sample: 130297 - Cell 15

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	Result	RL	Units	Dilution	RL
TRPHC		<10.0		mg/Kg	1	10.0

Sample: 130298 - Cell 16

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.0100		mg/Kg	1	0.0100
Toluene		<0.0100		mg/Kg	1	0.0100
Ethylbenzene		<0.0100		mg/Kg	1	0.0100
Xylene		<0.0100		mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.928	mg/Kg	1	1.00	93	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.01	mg/Kg	1	1.00	101	48.7 - 146

Sample: 130298 - Cell 16

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	Result	RL	Units	Dilution	RL
TRPHC		<10.0		mg/Kg	1	10.0

Sample: 130299 - Cell 14

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.920	mg/Kg	1	1.00	92	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.00	mg/Kg	1	1.00	100	48.7 - 146

Sample: 130299 - Cell 14

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 130300 - Cell 13

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.935	mg/Kg	1	1.00	94	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	1	1.00	102	48.7 - 146

Sample: 130300 - Cell 13

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 130301 - Cell 12

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.945	mg/Kg	1	1.00	94	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.01	mg/Kg	1	1.00	101	48.7 - 146

Sample: 130301 - Cell 12

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 130302 - Cell 11

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.926	mg/Kg	1	1.00	93	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.01	mg/Kg	1	1.00	101	48.7 - 146

Sample: 130302 - Cell 11

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 130303 - Cell 10

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.925	mg/Kg	1	1.00	92	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	1	1.00	104	48.7 - 146

Sample: 130303 - Cell 10

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 130304 - Cell 09

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.925	mg/Kg	1	1.00	92	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.00	mg/Kg	1	1.00	100	48.7 - 146

Sample: 130304 - Cell 09

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 130305 - Cell 08

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.931	mg/Kg	1	1.00	93	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.01	mg/Kg	1	1.00	101	48.7 - 146

Sample: 130305 - Cell 08

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 130306 - Cell 07

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.934	mg/Kg	1	1.00	93	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.00	mg/Kg	1	1.00	100	48.7 - 146

Sample: 130306 - Cell 07

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 130307 - Cell 06

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.919	mg/Kg	1	1.00	92	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	1	1.00	104	48.7 - 146

Sample: 130307 - Cell 06

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 130308 - Cell 05

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.936	mg/Kg	1	1.00	94	52.1 - 131
4-Bromofluorobenzene (4-BFB)		0.991	mg/Kg	1	1.00	99	48.7 - 146

Sample: 130308 - Cell 05

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 130309 - Cell 04

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.923	mg/Kg	1	1.00	92	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	1	1.00	104	48.7 - 146

Sample: 130309 - Cell 04

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 130310 - Cell 01

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.939	mg/Kg	1	1.00	94	52.1 - 131
4-Bromofluorobenzene (4-BFB)		0.984	mg/Kg	1	1.00	98	48.7 - 146

Sample: 130310 - Cell 01

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 130311 - Cell 03

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.929	mg/Kg	1	1.00	93	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.05	mg/Kg	1	1.00	105	48.7 - 146

Sample: 130311 - Cell 03

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 130312 - Cell 02

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	Sample Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.926	mg/Kg	1	1.00	93	52.1 - 131
4-Bromofluorobenzene (4-BFB)		0.995	mg/Kg	1	1.00	100	48.7 - 146

Sample: 130312 - Cell 02

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	39395	Date Analyzed:	2007-07-25	Analyzed By:	SE
Prep Batch:	34104	Sample Preparation:	2007-07-25	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Method Blank (1) QC Batch: 39199

QC Batch:	39199	Date Analyzed:	2007-07-18	Analyzed By:	KB
Prep Batch:	33926	QC Preparation:	2007-07-18	Prepared By:	KB

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00333	mg/Kg	0.01
Toluene		<0.00372	mg/Kg	0.01
Ethylbenzene		<0.00206	mg/Kg	0.01
Xylene		<0.00259	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.866	mg/Kg	1	1.00	87	73.2 - 113
4-Bromofluorobenzene (4-BFB)		0.673	mg/Kg	1	1.00	67	54 - 102

Method Blank (1) QC Batch: 39200

QC Batch: 39200 | Date Analyzed: 2007-07-18 | Analyzed By: KB
Prep Batch: 33927 | QC Preparation: 2007-07-18 | Prepared By: KB

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00333	mg/Kg	0.01
Toluene		<0.00372	mg/Kg	0.01
Ethylbenzene		<0.00206	mg/Kg	0.01
Xylene		<0.00259	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.927	mg/Kg	1	1.00	93	73.2 - 113
4-Bromofluorobenzene (4-BFB)		0.549	mg/Kg	1	1.00	55	54 - 102

Method Blank (1) QC Batch: 39395

QC Batch: 39395 | Date Analyzed: 2007-07-25 | Analyzed By: SE
Prep Batch: 34104 | QC Preparation: 2007-07-25 | Prepared By: SE

Parameter	Flag	MDL Result	Units	RL
TRPHC		<5.86	mg/Kg	10

Laboratory Control Spike (LCS-1)

QC Batch: 39199 | Date Analyzed: 2007-07-18 | Analyzed By: KB
Prep Batch: 33926 | QC Preparation: 2007-07-18 | Prepared By: KB

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.941	mg/Kg	1	1.00	<0.00333	94	76.3 - 117
Toluene	0.940	mg/Kg	1	1.00	<0.00372	94	77.3 - 114
Ethylbenzene	0.915	mg/Kg	1	1.00	<0.00206	92	75.4 - 115
Xylene	2.76	mg/Kg	1	3.00	<0.00259	92	73.2 - 112

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.941	mg/Kg	1	1.00	<0.00333	94	76.3 - 117	0	20
Toluene	0.936	mg/Kg	1	1.00	<0.00372	94	77.3 - 114	0	20

continued ...

control spikes continued ...

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Ethylbenzene	0.909	mg/Kg	1	1.00	<0.00206	91	75.4 - 115	1	20
Xylene	2.74	mg/Kg	1	3.00	<0.00259	91	73.2 - 112	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.896	0.916	mg/Kg	1	1.00	90	92	74.5 - 113
4-Bromofluorobenzene (4-BFB)	0.946	0.945	mg/Kg	1	1.00	95	94	68.3 - 110

Laboratory Control Spike (LCS-1)

QC Batch: 39200 | Date Analyzed: 2007-07-18 | Analyzed By: KB
Prep Batch: 33927 | QC Preparation: 2007-07-18 | Prepared By: KB

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.980	mg/Kg	1	1.00	<0.00333	98	76.3 - 117
Toluene	0.997	mg/Kg	1	1.00	<0.00372	100	77.3 - 114
Ethylbenzene	0.989	mg/Kg	1	1.00	<0.00206	99	75.4 - 115
Xylene	2.95	mg/Kg	1	3.00	<0.00259	98	73.2 - 112

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	1.00	mg/Kg	1	1.00	<0.00333	100	76.3 - 117	2	20
Toluene	1.01	mg/Kg	1	1.00	<0.00372	101	77.3 - 114	1	20
Ethylbenzene	1.00	mg/Kg	1	1.00	<0.00206	100	75.4 - 115	1	20
Xylene	3.00	mg/Kg	1	3.00	<0.00259	100	73.2 - 112	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.04	0.950	mg/Kg	1	1.00	104	95	74.5 - 113
4-Bromofluorobenzene (4-BFB)	0.907	0.888	mg/Kg	1	1.00	91	89	68.3 - 110

Laboratory Control Spike (LCS-1)

QC Batch: 39395 | Date Analyzed: 2007-07-25 | Analyzed By: SE
Prep Batch: 34104 | QC Preparation: 2007-07-25 | Prepared By: SE

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TRPHC	244	mg/Kg	1	250	<5.86	98	80.9 - 124

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

continued ...

control spikes continued ...

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
TRPHC	242	mg/Kg	1	250	<5.86	97	80.9 - 124	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 130294

QC Batch: 39199 | Date Analyzed: 2007-07-18 | Analyzed By: KB
Prep Batch: 33926 | QC Preparation: 2007-07-18 | Prepared By: KB

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.816	mg/Kg	1	1.00	<0.00333	82	39.6 - 141
Toluene	0.853	mg/Kg	1	1.00	<0.00372	85	45.4 - 138
Ethylbenzene	0.894	mg/Kg	1	1.00	<0.00206	89	48 - 141
Xylene	2.72	mg/Kg	1	3.00	<0.00259	91	45.3 - 142

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.825	mg/Kg	1	1.00	<0.00333	82	39.6 - 141	1	20
Toluene	0.867	mg/Kg	1	1.00	<0.00372	87	45.4 - 138	2	20
Ethylbenzene	0.923	mg/Kg	1	1.00	<0.00206	92	48 - 141	3	20
Xylene	2.76	mg/Kg	1	3.00	<0.00259	92	45.3 - 142	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.921	0.927	mg/Kg	1	1	92	93	51.5 - 138
4-Bromofluorobenzene (4-BFB)	1.10	1.10	mg/Kg	1	1	110	110	52.2 - 139

Matrix Spike (MS-1) Spiked Sample: 130282

QC Batch: 39200 | Date Analyzed: 2007-07-18 | Analyzed By: KB
Prep Batch: 33927 | QC Preparation: 2007-07-18 | Prepared By: KB

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.962	mg/Kg	1	1.00	<0.00333	96	39.6 - 141
Toluene	1.03	mg/Kg	1	1.00	<0.00372	103	45.4 - 138
Ethylbenzene	1.10	mg/Kg	1	1.00	<0.00206	110	48 - 141
Xylene	3.32	mg/Kg	1	3.00	<0.00259	111	45.3 - 142

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

continued ...

matrix spikes continued ...

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.896	mg/Kg	1	1.00	<0.00333	90	39.6 - 141	7	20
Toluene	0.955	mg/Kg	1	1.00	<0.00372	96	45.4 - 138	8	20
Ethylbenzene	1.02	mg/Kg	1	1.00	<0.00206	102	48 - 141	8	20
Xylene	3.08	mg/Kg	1	3.00	<0.00259	103	45.3 - 142	8	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.18	1.13	mg/Kg	1	1	118	113	51.5 - 138
4-Bromofluorobenzene (4-BFB)	1.16	1.11	mg/Kg	1	1	116	111	52.2 - 139

Matrix Spike (MS-1) Spiked Sample: 130294

QC Batch: 39395 | Date Analyzed: 2007-07-25 | Analyzed By: SE
Prep Batch: 34104 | QC Preparation: 2007-07-25 | Prepared By: SE

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TRPHC	191	mg/Kg	1	250	<5.86	76	30.6 - 157

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
TRPHC	191	mg/Kg	1	250	<5.86	76	30.6 - 157	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1)

QC Batch: 39199 | Date Analyzed: 2007-07-18 | Analyzed By: KB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0912	91	85 - 115	2007-07-18
Toluene		mg/Kg	0.100	0.0913	91	85 - 115	2007-07-18
Ethylbenzene		mg/Kg	0.100	0.0901	90	85 - 115	2007-07-18
Xylene		mg/Kg	0.300	0.268	89	85 - 115	2007-07-18

Standard (CCV-1)

QC Batch: 39199 | Date Analyzed: 2007-07-18 | Analyzed By: KB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0926	93	85 - 115	2007-07-18
Toluene		mg/Kg	0.100	0.0928	93	85 - 115	2007-07-18
Ethylbenzene		mg/Kg	0.100	0.0914	91	85 - 115	2007-07-18
Xylene		mg/Kg	0.300	0.271	90	85 - 115	2007-07-18

Standard (ICV-1)

QC Batch: 39200 Date Analyzed: 2007-07-18 Analyzed By: KB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0960	96	85 - 115	2007-07-18
Toluene		mg/Kg	0.100	0.0977	98	85 - 115	2007-07-18
Ethylbenzene		mg/Kg	0.100	0.0955	96	85 - 115	2007-07-18
Xylene		mg/Kg	0.300	0.289	96	85 - 115	2007-07-18

Standard (CCV-1)

QC Batch: 39200 Date Analyzed: 2007-07-18 Analyzed By: KB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0955	96	85 - 115	2007-07-18
Toluene		mg/Kg	0.100	0.101	101	85 - 115	2007-07-18
Ethylbenzene		mg/Kg	0.100	0.0977	98	85 - 115	2007-07-18
Xylene		mg/Kg	0.300	0.295	98	85 - 115	2007-07-18

Standard (ICV-1)

QC Batch: 39395 Date Analyzed: 2007-07-25 Analyzed By: SE

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	113	113	80 - 120	2007-07-25

Standard (CCV-1)

QC Batch: 39395 Date Analyzed: 2007-07-25 Analyzed By: SE

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	84.8	85	80 - 120	2007-07-25

Standard (CCV-2)

QC Batch: 39395 Date Analyzed: 2007-07-25 Analyzed By: SE

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	91.0	91	80 - 120	2007-07-25

Standard (CCV-3)

QC Batch: 39395 Date Analyzed: 2007-07-25 Analyzed By: SE

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	96.8	97	80 - 120	2007-07-25

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296
email: lab@traceanalysis.com

TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 707803

Company Name: Gandy Marley Inc. Phone #: 505-347-0434
Address: (Street, City, Zip) PO Box 1658 Roswell, NM Fax #: 505-347-0433
e-mail: gmi@dfn.com
Contact Person: Bill Marley, Project Mgr.
Invoice to: (If different from above)
Project #: 2nd Quarter Soil Sampling 2007 Project Name: GMI Landfarm
Project Location: Sec. 4,5,8,9 T11S. R.31E. Chaves Co, NM Sampler Signature: [signature]

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
130292	Cell 21	1	4oz		X								X	07/16/07	1117
293	Cell 20														1127
294	Cell 19														1138
295	Cell 17														1143
296	Cell 18														1148
297	Cell 15														1152
298	Cell 16														1156
299	Cell 14														1200
300	Cell 13														1204
301	Cell 12														1208
302	Cell 11														1211

ANALYSIS REQUEST	Turn Around Time if different from standard	Hold
MTBE 8021B/602		
BTEX 8021B/602	X	
TPH 418.1/TX1005	X	
TX 1005 Extended (C35)		
PAH 8270C		
Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7		
TCLP Metals Ag As Ba Cd Cr Pb Se Hg		
TCLP Volatiles		
TCLP Semi Volatiles		
TCLP Pesticides		
RCI		
GC/MS Vol. 8260B/624		
GC/MS Semi. Vol. 8270C/625		
PCB's 8082/608		
Pesticides 8081A/608		
BOD, TSS, pH		
Moisture Content		

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	07/17/07	0800			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: [signature]	Date: 07/17/07	Time: 1120

LAB USE ONLY
Intact (Y) N
Headspace Y (N)
Temp 4 °
Log-in Review [signature]

REMARKS: Please Send Copy of Results ASAP to Cmkenvirol@dfn.com
☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

Carrier # Bus C-LI 304155 3911

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

ORIGINAL COPY

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296
email: lab@traceanalysis.com

TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 7071823

Company Name: Gandy Marley Inc.
Phone #: 505-347-0434
Address: (Street, City, Zip) PO Box 1658 Roswell NM 88202
Fax #: 505-347-0435
e-mail: gmi@dfn.com
Contact Person: Bill Marley Project Mgr.
Invoice to: (If different from above)
Project #: 2nd Quarter Soil Sampling 2007
Project Name: GMI Landfarm
Project Location: Sec. 4, 5, 8, 9, T.11-S R.31E, Chaves NM
Sampler Signature: [signature]

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content				Turn Around Time if different from standard	Hold
130303	Cell 10	1	4oz		X								X	07/16/07	1216		X	X																			
304	Cell 9	↓	↓		↓								↓	↓	1220		↓	↓																			
305	Cell 8	↓	↓		↓								↓	↓	1224		↓	↓																			
306	Cell 7	↓	↓		↓								↓	↓	1228		↓	↓																			
307	Cell 6	↓	↓		↓								↓	↓	1232		↓	↓																			
308	Cell 5	↓	↓		↓								↓	↓	1235		↓	↓																			
309	Cell 4	↓	↓		↓								↓	↓	1240		↓	↓																			
310	Cell 1	↓	↓		↓								↓	↓	1243		↓	↓																			
311	Cell 3	↓	↓		↓								↓	↓	1247		↓	↓																			
312	Cell 2	↓	↓		↓								↓	↓	1255		↓	↓																			
	Temp Blank																																				

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	07/17/07	0800			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
			[signature]	07/18/07	11:35

LAB USE ONLY
Intact (Y) / N
Headspace Y / (N)
Temp 4 °
Log-in Review [initials]
Carrier # BUS CCI J0415557/1

REMARKS: Please Send Copy of Results Asap to Gmbenviro@dfn.com

- [ ] Dry Weight Basis Required
- [ ] TRRP Report Required
- [ ] Check If Special Reporting Limits Are Needed

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

ORIGINAL COPY

Summary Report

Bill Marley
Gandy Marley Inc.
Box 1658
Roswell, NM, 88202

Report Date: July 25, 2007

Work Order: 7071823

Project Location: Sec. 4,5,8,9 T.11S. R31E. Chaves Co, NM
Project Name: GMI Landfarm
Project Number: 2nd Quarter Soil Sampling 2007

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
130292	Cell 21	soil	2007-07-16	11:17	2007-07-18
130293	Cell 20	soil	2007-07-16	11:27	2007-07-18
130294	Cell 19	soil	2007-07-16	11:38	2007-07-18
130295	Cell 17	soil	2007-07-16	11:43	2007-07-18
130296	Cell 18	soil	2007-07-16	11:48	2007-07-18
130297	Cell 15	soil	2007-07-16	11:52	2007-07-18
130298	Cell 16	soil	2007-07-16	11:56	2007-07-18
130299	Cell 14	soil	2007-07-16	12:00	2007-07-18
130300	Cell 13	soil	2007-07-16	12:04	2007-07-18
130301	Cell 12	soil	2007-07-16	12:08	2007-07-18
130302	Cell 11	soil	2007-07-16	12:11	2007-07-18
130303	Cell 10	soil	2007-07-16	12:16	2007-07-18
130304	Cell 09	soil	2007-07-16	12:20	2007-07-18
130305	Cell 08	soil	2007-07-16	12:24	2007-07-18
130306	Cell 07	soil	2007-07-16	12:28	2007-07-18
130307	Cell 06	soil	2007-07-16	12:32	2007-07-18
130308	Cell 05	soil	2007-07-16	12:35	2007-07-18
130309	Cell 04	soil	2007-07-16	12:40	2007-07-18
130310	Cell 01	soil	2007-07-16	12:43	2007-07-18
130311	Cell 03	soil	2007-07-16	12:47	2007-07-18
130312	Cell 02	soil	2007-07-16	12:55	2007-07-18

	BTEX				MTBE	TPH 418.1
Sample - Field Code	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	TRPHC (mg/Kg)
130292 - Cell 21	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130293 - Cell 20	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130294 - Cell 19	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130295 - Cell 17	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130296 - Cell 18	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130297 - Cell 15	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130298 - Cell 16	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130299 - Cell 14	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130300 - Cell 13	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130301 - Cell 12	<0.0100	<0.0100	<0.0100	<0.0100		<10.0

continued ...

... continued

	BTEX				MTBE	TPH 418.1
	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	TRPHC
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
130302 - Cell 11	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130303 - Cell 10	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130304 - Cell 09	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130305 - Cell 08	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130306 - Cell 07	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130307 - Cell 06	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130308 - Cell 05	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130309 - Cell 04	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130310 - Cell 01	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130311 - Cell 03	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
130312 - Cell 02	<0.0100	<0.0100	<0.0100	<0.0100		<10.0

May 16, 2007

2007 MAY 24 PM 12 19

New Mexico Energy, Minerals, & Natural Resources Dept.
Oil Conservation Division Environmental Bureau
Attn: Mr. Brad A. Jones
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Submittal of First Quarter Monitoring Report for Year 2007
Gandy Marley Inc., Commercial Landfarm
Gandy Marley Inc., Operator / PRP
SW/4 of Section 4, SE/4 of Section 5, NE/4 of Section 8, & NW/4 of Section 9,
T. 11 S., R.31 E., NMPM
Chaves County, New Mexico
Commercial Landfarm Permit (NM-01-0019)

Dear Mr. Jones:

Clayton M. Barnhill, CMB Environmental and Geological Services Inc., on behalf of the owner/operator, Gandy Marley Inc., submit the attached Quarterly Monitoring Report for the above-mentioned site.

If you have any questions about the contents of the report, please do not hesitate to call me. Thank you.

Sincerely,

Clayton M. Barnhill, PG
NMED PSTB Certified Scientist # 246
CMB Environmental & Geological Services, Inc.
PO Box 2304
Roswell, NM 88202-2304
Phone: (505) 622-2012 Phone Fax: (505) 625-0538
Cellular: (505) 626-1615
cmbenviro@dfn.com

Cc: Gandy Marley Inc.

COVER PAGE
QUARTERLY MONITORING REPORT

Please include the following information:

1. Site Name: **Gandy Marley Landfarm**

2. Responsible party: **Gandy Marley Inc.**

3. Responsible party mailing address (list contact person if different):
   Gandy Marley Inc.
   Attn: Bill Marley, Vice President
   PO Box 1658
   Roswell, NM 88202-1658

4. Commercial Landfarm Permit Number: **NM-01-0019**

5. Address/legal description:
   SW/4 of Section 4, SE/4 of Section 5, NE/4 of Section 8, & NW/4 of Section 9
   T. 11 S. R. 31 E., NMPM
   Chaves County, NM

6. Author/consulting company:
   Clayton M. Barnhill, PG, CMB Environmental & Geological Services, Inc.

7. Date of report: **May 16, 2007**

STATEMENT OF FAMILIARITY

I, the undersigned, am personally familiar with the information submitted in this report and the attached documents and attest that it is true and complete.

Signature: _____

Name: Clayton M. Barnhill, PG

Affiliation: CMB Environmental and Geological Services, Inc.

Title: Sr. / Principal Geologist

Certified Scientist #: 0246, State of Texas Professional Geologist 6121, exp. 12/31/07

Date: 05/14/2007

I. INTRODUCTION

CMB Environmental and Geological Services Inc., on behalf of Gandy Marley Inc., the owner/operator of the Gandy Marley Inc., Landfarm located in the SW/4 of Section 4, SE/4 of Section 5, NE/4 of Section 8, & NW/4 of Section 9, Township 11 South, Range 31 East, Chaves County, New Mexico, has prepared this quarterly monitoring report in accordance with conditions set forth in Commercial Landfarm Permit Number NM-01-0019 (Gandy Marley Inc.), approved by the New Mexico Energy, Minerals, & Natural Resources Department Oil Conservation Division (NMOCD) Environmental Bureau on January 17, 2006.

The Gandy Marley Inc, Commercial Landfarm is located approximately 33 miles northwest of Tatum, NM in Sections 4, 5, 8 & 9, T. 11 S. R. 31 E., Chaves County, New Mexico (Figure 1). In August of 2000, the New Mexico Energy, Minerals, & Natural Resources Department Oil Conservation Division (NMOCD) Environmental Bureau approved a Commercial Landfarm Permit NM-01-0019. A new permit was submitted and approved on January 17, 2006 NM-01-0019. The commercial landfarm is being managed in accordance with the NMOCD approved Commercial Landfarm Permit NM-01-0019. Received soils on the landfarm are deposited in bermed cells in six-inch lifts and disked on a regular basis to enhance aeration. Groundwater below the site is at a depth between 122.62' foot (MW-2) and 130.32' foot (MW-1) below the top of casing of both monitor wells. Groundwater beneath the site has a total dissolved solids concentration of approximately 8970 milligrams per liter.

A. Scope of Work

The approved scope of work for the first quarterly monitoring report of the year 2007 consists of collecting confirmation soil samples beneath all site cells actively landfarmed or previously active, analyzing the subsurface soil samples for total petroleum hydrocarbons (TPH), and BTEX, then produce a map showing the sample locations, and compiling and reporting data or analyses that demonstrate the media located in the remediation cell has been remediated to an acceptable level by the NMOCD Commercial Landfarm Permit NM-01-0019.

The soil sampling adequately monitored the vadose zone beneath the facility. Table 1 contains Trace Analysis Lab Sample Summary Reports of cell soil samples taken beneath all landfarm cells. Appendix 3 contains the complete analytical results for soils sampled in these Cells. A site facility map is plotted in figure 1. Soil sample locations, as per GPS Coordinates, are plotted in figure 2

The sampling protocol for the monitoring activities can be found in Appendix 1. Appendix 2 contains field notes with GPS Coordinates of sample points for this monitoring event. Laboratory analysis reports of soil samples are in Appendix 3.

B. Quarterly Monitoirng Highlights

Quarterly Soil Sampling for first quarter of Year 2007 was performed on April 12th, 2007. Monitoring activities include the following:

- Collection of one Remediation Cell Soil samples from all active and previously active landfarm remediation cells for laboratory analysis of the parameters outlined in section (A) above.

- Preparation of this report.

ACTIVITIES PERFORMED DURING THIS QUARTERLY SAMPLING EVENT

C. Monitoring Activities

Landfarm Remediation cell soil samples were collected beneath the remediation cells and submitted to Trace Analysis Laboratory, located in Lubbock Texas and were analyzed for TPH using EPA Method 418.1, and BTEX using EPA Method 8021B.

The soil sampling adequately monitored the vadose zone beneath the facility. Field parameters included a lithologic description of the soil samples, and GPS location coordinates of the soil samples. Field Notes containing this information are found in Appendix 2. Soil Sample laboratory summary results are located in Table 1. Laboratory analysis reports and chain of custody forms are in Appendix 3.

II. SUMMARY AND CONCLUSIONS

A. *Assessment of Remediation Activities:*

Gandy Marley Inc. has demonstrated in the first quarter of year 2007 that they are highly effective at managing and remediating soils and operating a professional commercial landfarm facility.

Analyses from a soil sample of the remediated soils in all Landfarm Cells show the remediated soils in all cells to contain less than <0.01 PPM BTEX, and acceptable TPH concentrations (≤10 PPM TPH).

Perched groundwater below the site is at a depth of 122' feet to 130' feet below ground surface, and has a total dissolved solids concentration of approximately 8970 milligrams per liter.

The vadose zone beneath the facility has been adequately monitored by the subsurface soil samples collected beneath each cell in compliance with WQCC Regulation 3107. There has been no leaching of contaminated media into the vadose zone beneath the remediation cells.

LIST OF FIGURES

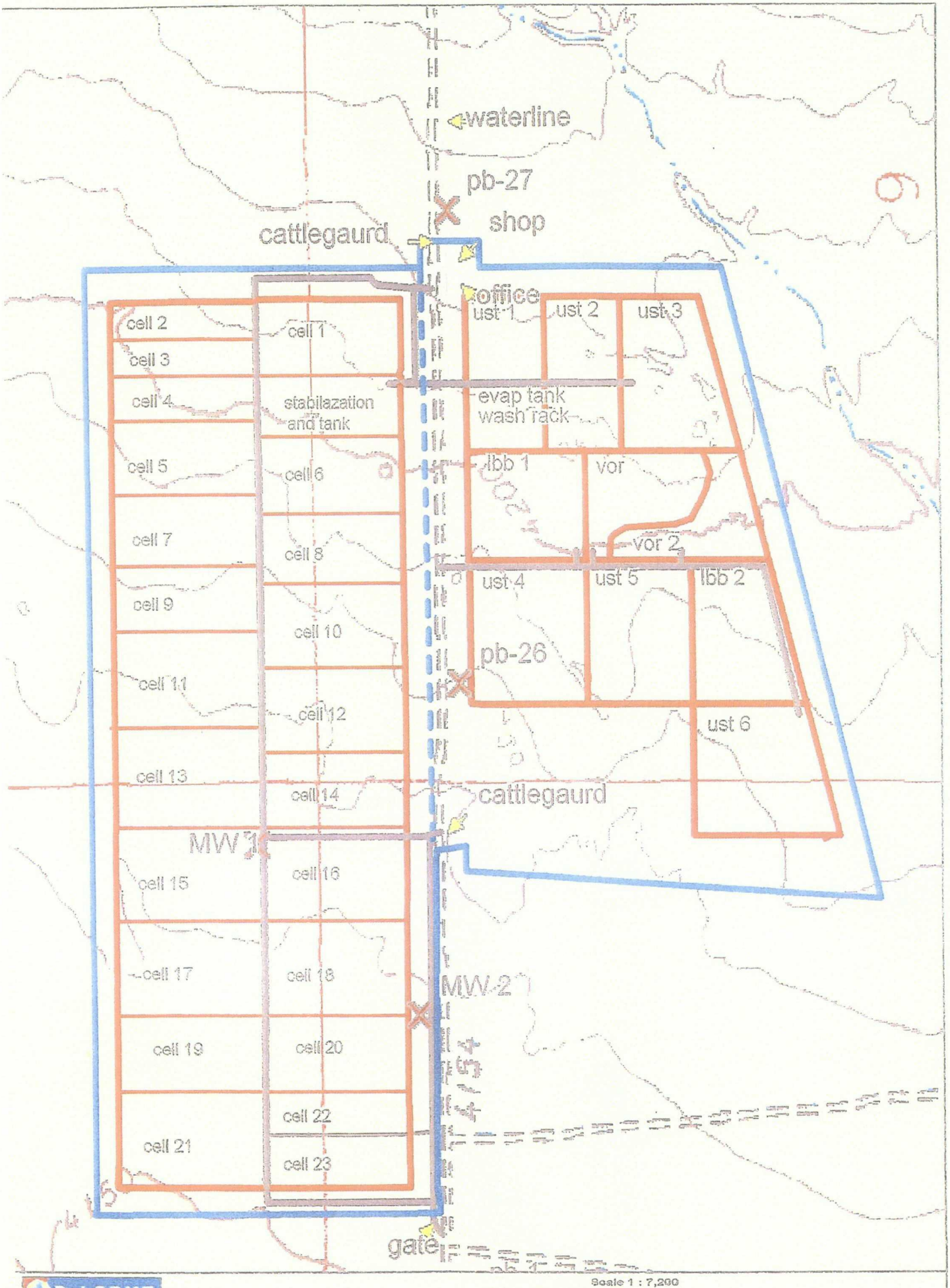
LIST OF TABLES

Table		Included	N/A
1	Lab Analysis Summary Reports of Cell Soil Samples	X	

LIST OF APPENDICES

Appendix		**Included**	**N/A**
1	Sampling Protocol	X	
2	Field Notes /with GPS Coordinates of samples	X	
3	Laboratory Reports	X	

Figures:



Scale 1 : 7,200
1" = 600 ft

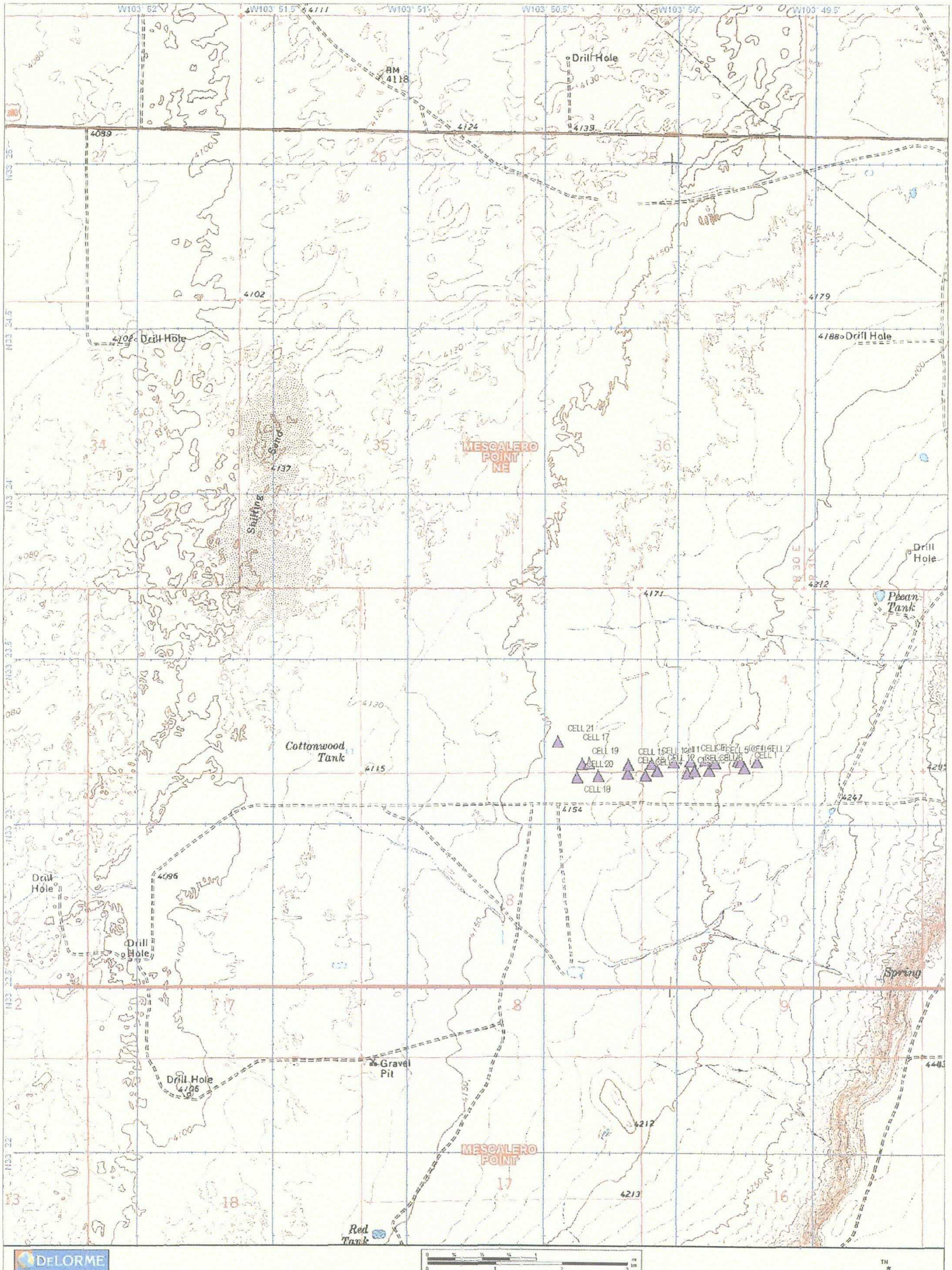

W103° 52'
W103° 51.5'
W103° 51'
W103° 50.5'
W103° 50'
W103° 49.5'
Drill Hole
BM 4118
4124
4139
4089
26
25
4102
4179
Drill Hole
Drill Hole
34
35
36
MESCALERO POINT NE
Shifting Sand
4137
Drill Hole
4212
4171
Pecan Tank
Cottonwood Tank
4120
4115
CELL 21
CELL 17
CELL 19
CELL 20
CELL 18
CELL 1
CELL 2
CELL 5
4154
4247
4096
Drill Hole
Drill Hole
8
9
Spring
7
8
9
Gravel Pit
Drill Hole
4186
4212
MESCALERO POINT
17
18
16
4213
13
Red Tank
DELORME

Table 1
Lab Analysis Summary Report

Summary Report

Bill Marley
Gandy Marley Inc.
Box 1658
Roswell, NM. 88202

Report Date: April 19, 2007

Work Order: 7041617

Project Location: Sec. 4,5,8,9 T.11.S.R.31E Chaves Co.,NM
Project Name: GMI Landfarm
Project Number: 1st Quarter Soil Sampling 2007

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
121807	Cell 21	soil	2007-04-12	10:12	2007-04-16
121808	Cell 20	soil	2007-04-12	10:32	2007-04-16
121809	Cell 18	soil	2007-04-12	10:41	2007-04-16
121810	Cell 19	soil	2007-04-12	10:54	2007-04-16
121811	Cell 17	soil	2007-04-12	11:02	2007-04-16
121812	Cell 16	soil	2007-04-12	11:10	2007-04-16
121813	Cell 15	soil	2007-04-12	11:20	2007-04-16
121814	Cell 14	soil	2007-04-12	11:30	2007-04-16
121815	Cell 13	soil	2007-04-12	11:40	2007-04-16
121816	Cell 12	soil	2007-04-12	11:50	2007-04-16
121817	Cell 11	soil	2007-04-12	12:00	2007-04-16
121818	Cell 10	soil	2007-04-12	12:10	2007-04-16
121819	Cell 9	soil	2007-04-12	12:20	2007-04-16
121820	Cell 8	soil	2007-04-12	12:30	2007-04-16
121821	Cell 7	soil	2007-04-12	12:40	2007-04-16
121822	Cell 6	soil	2007-04-12	12:50	2007-04-16
121823	Cell 5	soil	2007-04-12	13:00	2007-04-16
121824	Cell 4	soil	2007-04-12	13:10	2007-04-16
121825	Cell 3	soil	2007-04-12	13:20	2007-04-16
121826	Cell 2	soil	2007-04-12	13:30	2007-04-16
121827	Cell 1	soil	2007-04-12	13:40	2007-04-16

	BTEX				MTBE	TPH 418.1
Sample - Field Code	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	TRPHC (mg/Kg)
121807 - Cell 21	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
121808 - Cell 20	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
121809 - Cell 18	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
121810 - Cell 19	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
121811 - Cell 17	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
121812 - Cell 16	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
121813 - Cell 15	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
121814 - Cell 14	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
121815 - Cell 13	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
121816 - Cell 12	<0.0100	<0.0100	<0.0100	<0.0100		<10.0

continued ...

... continued

	BTEX				MTBE	TPH 418.1
	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	TRPHC
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
121817 - Cell 11	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
121818 - Cell 10	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<10.0
121819 - Cell 9	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
121820 - Cell 8	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
121821 - Cell 7	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
121822 - Cell 6	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
121823 - Cell 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
121824 - Cell 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
121825 - Cell 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
121826 - Cell 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
121827 - Cell 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0

Appendix 1
Sampling Protocol

Appendix 1
Sampling Protocol

Site Remediation cells were checked for the presence of phase-separated hydrocarbons (PSH).

A Gandy Marley Inc. owned and operated front end loader dug down with the loader bucket 18" inches to 24"inches below the surface of the remediation cell. An 8" inch loader mounted drill auger was then used to create a soil boring below the exposed soil surface to a depth of 36" inches below the original ground surface of the remediation cell. An AMS 3" inch Stainless steel hand auger was then used by Clayton M. Barnhill, PG (CMB Environmental & Geological Services Inc.) to collect the soil samples beneath the remediation cells. The AMS stainless steel auger and the 8" inch drilling auger were de-contaminated between sample points by cleaning with a brush in an Alconox soap solution and then rinsing with potable water. New Nitrile gloves were changed at each sample point to avoid cross contamination. Borings were backfilled with impermeable bentonite pellets and hydrated.

Samples analyzed for TPH 418.1, BTEX 8021, Hydroxide Alkalinity, Carbonate Alkalinity, Bicarbonate Alkalinity, Chloride, Specific Conductance, pH, Total Calcium, Total Magnesium, Total Potassium, Total Sodium, Sulfate, and TCLP 8 Metals. Soil Samples were collected in two 4 ounce glass jars containing no preservative.

Samples were immediately placed on ice in an insulated cooler and were delivered to the Trace Analysis Laboratory, located in Lubbock, Texas, for analysis. Chain of custody documentation accompanied the samples at all times.

Appendix 2
Field Notes

Location GMI Landfarm Date 04/12/07

Project / Client FIRST Quarter Sampling 2007

@ GMI By: CMB Page 1 of 5

Cell #	Time	GPS Coordinates	Remarks
#21	10:12	33° 23.272 N 103° 50.451 W	Brown No odor Clayey Sand/Caliche
#20	10:32	33° 23.163 N 103° 50.378 W	Brown clayy Sand No odor or stain
#18	10:41	33° 23.167 N 103° 50.247 W	Brown clayy Sand No odor or stain
#19	10:54	33° 23.203 N 103° 50.358 W	Red Sand No odor or stain
#17	11:02	33° 23.206 N 103° 50.333 W	Red Sand No odor or stain
#16	11:10	33° 23.174 N 103° 50.187 W	Brown No odor Clayey Sand Caliche
#15	11:20	33° 23.200 N 103° 50.184 W	Red clayey Sand No odor or stain
#14	11:30	33° 23.169 N 103° 50.120 W	Brown Clayey Sand No odor or stain
#13	11:40	33° 23.204 N 103° 50.098 W	Brown Clayey Sand No odor
#12	11:50	33° 23.183 N 103° 50.076 W	Brown clayey Sand No odor or stain

Location GMI Landfarm Date 04/12/07

Project / Client FIRST Quarter Sampling 2007

@ GMI By: CMB Page 2 of 5

Cell #	Time	GPS Coordinates	Remarks
#11	12:00	33° 23.209 N 103° 50.016 W	Brown to greenish Clayey Sand w/ Caliche No odor or stain
#10	12:10	33° 23.176 N 103° 49.966 W	Brown clayey Sand no odor or stain
#9	12:20	33° 23.213 N 103° 49.954 W	Tan brown clayey sand w/ caliche No odor or stain
#8	12:30	33° 23.183 N 103° 49.940 W	Brown Clayey Sand — No odor or stain
#7	12:40	33° 23.276 N 103° 49.900 W	Brown clayey Sand no odor or stain
#6	12:50	33° 23.184 N 103° 49.888 W	Brown Clayey Sand. No odor or stain
#5	13:00	33° 23.207 N 103° 49.867 W	Brown Clayey Sand No odor or stain
#4	13:10	33° 23.214 N 103° 49.783 W	Brown Clayey Sand w/ caliche No odor or stain

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Location GMI Land farm Date 04/12/07

Project / Client First Quarter Sampling 2007 @ GMI By: CMB Page 3 of 5

Cell #	Time	GPS Coordinates	Remarks
# 3	13:20	33° 23.211 N 103° 49.772 W	Tan brown clayey sand w/ caliche no odor or stain.
# 2	13:30	33° 23.212 N 103° 49.713 W	Red Sand No odor or stain
# 1	13:40	33° 23.193 N 103° 49.754 W	Tan brown clayey sand No stain or odor

9

Location _____ Date _____

Project / Client _____

Appendix 3
Laboratory Reports

TRACEANALYSIS, INC.
6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Bill Marley
Gandy Marley Inc.
Box 1658
Roswell, NM, 88202

Report Date: April 19, 2007

Work Order: 7041617

Project Location: Sec. 4,5,8,9 T.11.S.R.31E Chaves Co.,NM
Project Name: GMI Landfarm
Project Number: 1st Quarter Soil Sampling 2007

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
121807	Cell 21	soil	2007-04-12	10:12	2007-04-16
121808	Cell 20	soil	2007-04-12	10:32	2007-04-16
121809	Cell 18	soil	2007-04-12	10:41	2007-04-16
121810	Cell 19	soil	2007-04-12	10:54	2007-04-16
121811	Cell 17	soil	2007-04-12	11:02	2007-04-16
121812	Cell 16	soil	2007-04-12	11:10	2007-04-16
121813	Cell 15	soil	2007-04-12	11:20	2007-04-16
121814	Cell 14	soil	2007-04-12	11:30	2007-04-16
121815	Cell 13	soil	2007-04-12	11:40	2007-04-16
121816	Cell 12	soil	2007-04-12	11:50	2007-04-16
121817	Cell 11	soil	2007-04-12	12:00	2007-04-16
121818	Cell 10	soil	2007-04-12	12:10	2007-04-16
121819	Cell 9	soil	2007-04-12	12:20	2007-04-16
121820	Cell 8	soil	2007-04-12	12:30	2007-04-16
121821	Cell 7	soil	2007-04-12	12:40	2007-04-16
121822	Cell 6	soil	2007-04-12	12:50	2007-04-16
121823	Cell 5	soil	2007-04-12	13:00	2007-04-16
121824	Cell 4	soil	2007-04-12	13:10	2007-04-16
121825	Cell 3	soil	2007-04-12	13:20	2007-04-16
121826	Cell 2	soil	2007-04-12	13:30	2007-04-16
121827	Cell 1	soil	2007-04-12	13:40	2007-04-16

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch

basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 21 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Blair Leftwich

Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project 'GMI Landfarm' were received by TraceAnalysis, Inc. on 2007-04-16 and assigned to work order 7041617. Samples for work order 7041617 were received intact at a temperature of 4 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method
BTEX	S 8021B
MTBE	S 8021B
TPH 418.1	E 418.1

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occuring, however, it may not pertain to the samples for work order 7041617 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are preformed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropreate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 121807 - Cell 21

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36505	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31668	Sample Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.0100		mg/Kg	1	0.0100
Toluene		<0.0100		mg/Kg	1	0.0100
Ethylbenzene		<0.0100		mg/Kg	1	0.0100
Xylene		<0.0100		mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[1]	1.15	mg/Kg	1	1.00	115	81.8 - 110
4-Bromofluorobenzene (4-BFB)	[2]	1.21	mg/Kg	1	1.00	121	91.5 - 114

Sample: 121807 - Cell 21

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

Parameter	Flag	Result	RL	Units	Dilution	RL
TRPHC		<10.0		mg/Kg	1	10.0

Sample: 121808 - Cell 20

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36505	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31668	Sample Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.0100		mg/Kg	1	0.0100
Toluene		<0.0100		mg/Kg	1	0.0100
Ethylbenzene		<0.0100		mg/Kg	1	0.0100
Xylene		<0.0100		mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.09	mg/Kg	1	1.00	109	81.8 - 110
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	1	1.00	109	91.5 - 114

[1] High surrogate recovery. Sample non-detect, result bias high.
[2] High surrogate recovery. Sample non-detect, result bias high.

Sample: 121808 - Cell 20

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

Parameter	Flag	Result	RL	Units	Dilution	RL
TRPHC		<10.0		mg/Kg	1	10.0

Sample: 121809 - Cell 18

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36505	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31668	Sample Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.0100		mg/Kg	1	0.0100
Toluene		<0.0100		mg/Kg	1	0.0100
Ethylbenzene		<0.0100		mg/Kg	1	0.0100
Xylene		<0.0100		mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[3]	1.11	mg/Kg	1	1.00	111	81.8 - 110
4-Bromofluorobenzene (4-BFB)	[4]	1.16	mg/Kg	1	1.00	116	91.5 - 114

Sample: 121809 - Cell 18

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

Parameter	Flag	Result	RL	Units	Dilution	RL
TRPHC		<10.0		mg/Kg	1	10.0

Sample: 121810 - Cell 19

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36505	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31668	Sample Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.0100		mg/Kg	1	0.0100
Toluene		<0.0100		mg/Kg	1	0.0100
Ethylbenzene		<0.0100		mg/Kg	1	0.0100
Xylene		<0.0100		mg/Kg	1	0.0100

[3] High surrogate recovery. Sample non-detect, result bias high.
[4] High surrogate recovery. Sample non-detect, result bias high.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[5]	1.12	mg/Kg	1	1.00	112	81.8 - 110
4-Bromofluorobenzene (4-BFB)		1.14	mg/Kg	1	1.00	114	91.5 - 114

Sample: 121810 - Cell 19

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 121811 - Cell 17

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36505	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31668	Sample Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.10	mg/Kg	1	1.00	110	81.8 - 110
4-Bromofluorobenzene (4-BFB)		1.14	mg/Kg	1	1.00	114	91.5 - 114

Sample: 121811 - Cell 17

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 121812 - Cell 16

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36505	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31668	Sample Preparation:	2007-04-16	Prepared By:	KB

[5] High surrogate recovery. Sample non-detect, result bias high.

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[6]	1.16	mg/Kg	1	1.00	116	81.8 - 110
4-Bromofluorobenzene (4-BFB)	[7]	1.21	mg/Kg	1	1.00	121	91.5 - 114

Sample: 121812 - Cell 16

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 121813 - Cell 15

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36505	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31668	Sample Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[8]	1.15	mg/Kg	1	1.00	115	81.8 - 110
4-Bromofluorobenzene (4-BFB)	[9]	1.22	mg/Kg	1	1.00	122	91.5 - 114

Sample: 121813 - Cell 15

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

[6] High surrogate recovery. Sample non-detect, result bias high.
[7] High surrogate recovery. Sample non-detect, result bias high.
[8] High surrogate recovery. Sample non-detect, result bias high.
[9] High surrogate recovery. Sample non-detect, result bias high.

Sample: 121814 - Cell 14

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36505	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31668	Sample Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.10	mg/Kg	1	1.00	110	81.8 - 110
4-Bromofluorobenzene (4-BFB)	[10]	1.17	mg/Kg	1	1.00	117	91.5 - 114

Sample: 121814 - Cell 14

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 121815 - Cell 13

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36505	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31668	Sample Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[11]	1.13	mg/Kg	1	1.00	113	81.8 - 110
4-Bromofluorobenzene (4-BFB)	[12]	1.17	mg/Kg	1	1.00	117	91.5 - 114

Sample: 121815 - Cell 13

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

[10] High surrogate recovery. Sample non-detect, result bias high.
[11] High surrogate recovery. Sample non-detect, result bias high.
[12] High surrogate recovery. Sample non-detect, result bias high.

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 121816 - Cell 12

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36505	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31668	Sample Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[13]	1.14	mg/Kg	1	1.00	114	81.8 - 110
4-Bromofluorobenzene (4-BFB)	[14]	1.20	mg/Kg	1	1.00	120	91.5 - 114

Sample: 121816 - Cell 12

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 121817 - Cell 11

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36505	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31668	Sample Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

[13] High surrogate recovery. Sample non-detect, result bias high.
[14] High surrogate recovery. Sample non-detect, result bias high.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.08	mg/Kg	1	1.00	108	81.8 - 110
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	1	1.00	109	91.5 - 114

Sample: 121817 - Cell 11

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 121818 - Cell 10

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36505	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31668	Sample Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
MTBE		<0.0100	mg/Kg	1	0.0100
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.10	mg/Kg	1	1.00	110	81.8 - 110
4-Bromofluorobenzene (4-BFB)	[15]	1.16	mg/Kg	1	1.00	116	91.5 - 114

Sample: 121818 - Cell 10

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 121819 - Cell 9

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36505	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31668	Sample Preparation:	2007-04-16	Prepared By:	KB

[15] High surrogate recovery. Sample non-detect, result bias high.

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[16]	1.14	mg/Kg	1	1.00	114	81.8 - 110
4-Bromofluorobenzene (4-BFB)	[17]	1.20	mg/Kg	1	1.00	120	91.5 - 114

Sample: 121819 - Cell 9

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 121820 - Cell 8

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36505	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31668	Sample Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[18]	1.11	mg/Kg	1	1.00	111	81.8 - 110
4-Bromofluorobenzene (4-BFB)	[19]	1.16	mg/Kg	1	1.00	116	91.5 - 114

Sample: 121820 - Cell 8

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

[16] High surrogate recovery. Sample non-detect, result bias high.
[17] High surrogate recovery. Sample non-detect, result bias high.
[18] High surrogate recovery. Sample non-detect, result bias high.
[19] High surrogate recovery. Sample non-detect, result bias high.

Sample: 121821 - Cell 7

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36505	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31668	Sample Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[20]	1.13	mg/Kg	1	1.00	113	81.8 - 110
4-Bromofluorobenzene (4-BFB)	[21]	1.19	mg/Kg	1	1.00	119	91.5 - 114

Sample: 121821 - Cell 7

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 121822 - Cell 6

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36505	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31668	Sample Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.09	mg/Kg	1	1.00	109	81.8 - 110
4-Bromofluorobenzene (4-BFB)		1.13	mg/Kg	1	1.00	113	91.5 - 114

Sample: 121822 - Cell 6

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

[20] High surrogate recovery. Sample non-detect, result bias high.
[21] High surrogate recovery. Sample non-detect, result bias high.

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 121823 - Cell 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36502	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31666	Sample Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.852	mg/Kg	1	1.00	85	52.1 - 131
4-Bromofluorobenzene (4-BFB)		0.969	mg/Kg	1	1.00	97	48.7 - 146

Sample: 121823 - Cell 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 121824 - Cell 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36502	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31666	Sample Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.845	mg/Kg	1	1.00	84	52.1 - 131
4-Bromofluorobenzene (4-BFB)		0.959	mg/Kg	1	1.00	96	48.7 - 146

Sample: 121824 - Cell 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 121825 - Cell 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36502	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31666	Sample Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.986	mg/Kg	1	1.00	99	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.12	mg/Kg	1	1.00	112	48.7 - 146

Sample: 121825 - Cell 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 121826 - Cell 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36502	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31666	Sample Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.04	mg/Kg	1	1.00	104	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.15	mg/Kg	1	1.00	115	48.7 - 146

Sample: 121826 - Cell 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Sample: 121827 - Cell 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	36502	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31666	Sample Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.959	mg/Kg	1	1.00	96	52.1 - 131
4-Bromofluorobenzene (4-BFB)		1.07	mg/Kg	1	1.00	107	48.7 - 146

Sample: 121827 - Cell 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	36546	Date Analyzed:	2007-04-17	Analyzed By:	SP
Prep Batch:	31701	Sample Preparation:	2007-04-17	Prepared By:	SP

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		<10.0	mg/Kg	1	10.0

Method Blank (1) QC Batch: 36502

QC Batch:	36502	Date Analyzed:	2007-04-16	Analyzed By:	KB
Prep Batch:	31666	QC Preparation:	2007-04-16	Prepared By:	KB

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00333	mg/Kg	0.01
Toluene		<0.00372	mg/Kg	0.01
Ethylbenzene		<0.00206	mg/Kg	0.01
Xylene		<0.00259	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.837	mg/Kg	1	1.00	84	73.2 - 113
4-Bromofluorobenzene (4-BFB)		0.730	mg/Kg	1	1.00	73	54 - 102

Method Blank (1) QC Batch: 36505

QC Batch: 36505 | Date Analyzed: 2007-04-16 | Analyzed By: KB
Prep Batch: 31668 | QC Preparation: 2007-04-16 | Prepared By: KB

Parameter	Flag	MDL Result	Units	RL
MTBE		<0.00107	mg/Kg	0.01
Benzene		<0.000860	mg/Kg	0.01
Toluene		<0.00210	mg/Kg	0.01
Ethylbenzene		<0.00988	mg/Kg	0.01
Xylene		<0.00163	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.890	mg/Kg	1	1.00	89	70.6 - 102
4-Bromofluorobenzene (4-BFB)		0.570	mg/Kg	1	1.00	57	50.82 - 112

Method Blank (1) QC Batch: 36546

QC Batch: 36546 | Date Analyzed: 2007-04-17 | Analyzed By: SP
Prep Batch: 31701 | QC Preparation: 2007-04-17 | Prepared By: SP

Parameter	Flag	MDL Result	Units	RL
TRPHC		<5.86	mg/Kg	10

Laboratory Control Spike (LCS-1)

QC Batch: 36502 | Date Analyzed: 2007-04-16 | Analyzed By: KB
Prep Batch: 31666 | QC Preparation: 2007-04-16 | Prepared By: KB

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.907	mg/Kg	1	1.00	<0.00333	91	76.3 - 117
Toluene	0.912	mg/Kg	1	1.00	<0.00372	91	77.3 - 114

continued ...

control spikes continued ...

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Ethylbenzene	0.907	mg/Kg	1	1.00	<0.00206	91	75.4 - 115
Xylene	2.72	mg/Kg	1	3.00	<0.00259	91	73.2 - 112

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.897	mg/Kg	1	1.00	<0.00333	90	76.3 - 117	1	20
Toluene	0.902	mg/Kg	1	1.00	<0.00372	90	77.3 - 114	1	20
Ethylbenzene	0.899	mg/Kg	1	1.00	<0.00206	90	75.4 - 115	1	20
Xylene	2.70	mg/Kg	1	3.00	<0.00259	90	73.2 - 112	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.888	0.884	mg/Kg	1	1.00	89	88	74.5 - 113
4-Bromofluorobenzene (4-BFB)	0.942	0.937	mg/Kg	1	1.00	94	94	68.3 - 110

Laboratory Control Spike (LCS-1)

QC Batch: 36505 | Date Analyzed: 2007-04-16 | Analyzed By: KB
Prep Batch: 31668 | QC Preparation: 2007-04-16 | Prepared By: KB

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
MTBE	0.887	mg/Kg	1	1.00	<0.00107	89	62.5 - 130.5
Benzene	0.922	mg/Kg	1	1.00	<0.000860	92	76.9 - 114.7
Toluene	0.921	mg/Kg	1	1.00	<0.00211	92	77.3 - 113.7
Ethylbenzene	0.907	mg/Kg	1	1.00	<0.000988	91	79.5 - 112.5
Xylene	2.72	mg/Kg	1	3.00	<0.00163	91	81.8 - 111.8

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
MTBE	0.876	mg/Kg	1	1.00	<0.00107	88	62.5 - 130.5	1	20
Benzene	0.920	mg/Kg	1	1.00	<0.000860	92	76.9 - 114.7	0	20
Toluene	0.917	mg/Kg	1	1.00	<0.00211	92	77.3 - 113.7	0	20
Ethylbenzene	0.901	mg/Kg	1	1.00	<0.000988	90	79.5 - 112.5	1	20
Xylene	2.71	mg/Kg	1	3.00	<0.00163	90	81.8 - 111.8	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.04	1.04	mg/Kg	1	1.00	104	104	82.8 - 112
4-Bromofluorobenzene (4-BFB)	1.04	1.06	mg/Kg	1	1.00	104	106	81.7 - 115

Laboratory Control Spike (LCS-1)

QC Batch: 36546 | Date Analyzed: 2007-04-17 | Analyzed By: SP
Prep Batch: 31701 | QC Preparation: 2007-04-17 | Prepared By: SP

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TRPHC	235	mg/Kg	1	250	<5.86	94	80.9 - 124

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
TRPHC	236	mg/Kg	1	250	<5.86	94	80.9 - 124	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 121825

QC Batch: 36502 | Date Analyzed: 2007-04-16 | Analyzed By: KB
Prep Batch: 31666 | QC Preparation: 2007-04-16 | Prepared By: KB

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.683	mg/Kg	1	1.00	<0.00333	68	39.6 - 141
Toluene	0.730	mg/Kg	1	1.00	<0.00372	73	45.4 - 138
Ethylbenzene	0.789	mg/Kg	1	1.00	<0.00206	79	48 - 141
Xylene	2.39	mg/Kg	1	3.00	<0.00259	80	45.3 - 142

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.717	mg/Kg	1	1.00	<0.00333	72	39.6 - 141	5	20
Toluene	0.762	mg/Kg	1	1.00	<0.00372	76	45.4 - 138	4	20
Ethylbenzene	0.823	mg/Kg	1	1.00	<0.00206	82	48 - 141	4	20
Xylene	2.50	mg/Kg	1	3.00	<0.00259	83	45.3 - 142	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.780	0.827	mg/Kg	1	1	78	83	51.5 - 138
4-Bromofluorobenzene (4-BFB)	0.941	0.984	mg/Kg	1	1	94	98	52.2 - 139

Matrix Spike (MS-1) Spiked Sample: 121807

QC Batch: 36505 | Date Analyzed: 2007-04-16 | Analyzed By: KB
Prep Batch: 31668 | QC Preparation: 2007-04-16 | Prepared By: KB

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
MTBE	0.712	mg/Kg	1	1.00	<0.00107	71	41 - 116
Benzene	0.838	mg/Kg	1	1.00	<0.000860	84	55.7 - 117
Toluene	0.883	mg/Kg	1	1.00	<0.000211	88	58.3 - 134
Ethylbenzene	0.941	mg/Kg	1	1.00	<0.000988	94	58.8 - 146
Xylene	2.86	mg/Kg	1	3.00	<0.00163	95	59.3 - 148

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
MTBE	0.748	mg/Kg	1	1.00	<0.00107	75	41 - 116	5	14.7
Benzene	0.869	mg/Kg	1	1.00	<0.000860	87	55.7 - 117	4	20
Toluene	0.916	mg/Kg	1	1.00	<0.000211	92	58.3 - 134	4	20
Ethylbenzene	0.977	mg/Kg	1	1.00	<0.000988	98	58.8 - 146	4	20
Xylene	2.97	mg/Kg	1	3.00	<0.00163	99	59.3 - 148	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate		MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	[22]	1.22	1.19	mg/Kg	1	1	122	119	83.5 - 119
4-Bromofluorobenzene (4-BFB)		1.24	1.20	mg/Kg	1	1	124	120	85 - 131

Matrix Spike (MS-1) Spiked Sample: 121810

QC Batch: 36546 | Date Analyzed: 2007-04-17 | Analyzed By: SP
Prep Batch: 31701 | QC Preparation: 2007-04-17 | Prepared By: SP

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TRPHC	236	mg/Kg	1	250	<5.86	94	30.6 - 157

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
TRPHC	235	mg/Kg	1	250	<5.86	94	30.6 - 157	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1)

QC Batch: 36502 | Date Analyzed: 2007-04-16 | Analyzed By: KB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0872	87	85 - 115	2007-04-16
Toluene		mg/Kg	0.100	0.0919	92	85 - 115	2007-04-16
Ethylbenzene		mg/Kg	0.100	0.0912	91	85 - 115	2007-04-16
Xylene		mg/Kg	0.300	0.275	92	85 - 115	2007-04-16

Standard (CCV-1)

QC Batch: 36502 | Date Analyzed: 2007-04-16 | Analyzed By: KB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0880	88	85 - 115	2007-04-16

continued ...

[22]Surrogate recovery out of control on MS/MSD due to matrix interference. LCS/LCSD show method to be in control.

standard continued ...

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Toluene		mg/Kg	0.100	0.0887	89	85 - 115	2007-04-16
Ethylbenzene		mg/Kg	0.100	0.0900	90	85 - 115	2007-04-16
Xylene		mg/Kg	0.300	0.271	90	85 - 115	2007-04-16

Standard (ICV-1)

QC Batch: 36505 Date Analyzed: 2007-04-16 Analyzed By: KB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/Kg	0.100	0.0935	94	80 - 120	2007-04-16
Benzene		mg/Kg	0.100	0.0957	96	85 - 115	2007-04-16
Toluene		mg/Kg	0.100	0.0962	96	85 - 115	2007-04-16
Ethylbenzene		mg/Kg	0.100	0.0955	96	85 - 115	2007-04-16
Xylene		mg/Kg	0.300	0.286	95	85 - 115	2007-04-16

Standard (CCV-1)

QC Batch: 36505 Date Analyzed: 2007-04-16 Analyzed By: KB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/Kg	0.100	0.0910	91	80 - 120	2007-04-16
Benzene		mg/Kg	0.100	0.0951	95	85 - 115	2007-04-16
Toluene		mg/Kg	0.100	0.0937	94	85 - 115	2007-04-16
Ethylbenzene		mg/Kg	0.100	0.0942	94	85 - 115	2007-04-16
Xylene		mg/Kg	0.300	0.285	95	85 - 115	2007-04-16

Standard (ICV-1)

QC Batch: 36546 Date Analyzed: 2007-04-17 Analyzed By: SP

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	115	115	80 - 120	2007-04-17

Standard (CCV-1)

QC Batch: 36546 Date Analyzed: 2007-04-17 Analyzed By: SP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	114	114	80 - 120	2007-04-17

Standard (CCV-2)

QC Batch: 36546 Date Analyzed: 2007-04-17 Analyzed By: SP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	112	112	80 - 120	2007-04-17

Standard (CCV-3)

QC Batch: 36546 Date Analyzed: 2007-04-17 Analyzed By: SP

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	111	111	80 - 120	2007-04-17

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El Paso, Texas 79932
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1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 704617

Company Name: Gandy Marley Inc. Phone #: 505-347-0434

Address: (Street, City, Zip) PO Box 1658 Roswell, NM 88202 Fax #: 505-347-0435

Contact Person: Bill Marley, Project Mgr. E-mail: GMIc dfn.com

Invoice to: (If different from above)

Project #: 1st Quarter Soil Sampling 2007 Project Name: GMI Landfarm

Project Location (including state): Sec. 4,5,8,9 T.11.S. R.31E. Chaves Co. N.M. Sampler Signature: RG

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
121807	Cell 21	1	1402 G/256		X								X	4/13/07	10:12
08	Cell 20														10:32
09	Cell 18														10:41
10	Cell 19														10:54
11	Cell 17														11:02
12	Cell 16														11:10
13	Cell 15														11:20
14	Cell 14														11:30
15	Cell 13														11:40
16	Cell 12														11:50
17	Cell 11														12:00

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B / 602 / 8260B / 624	BTEX 8021B / 602 / 8260B / 624	(PH 418.1) TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	Turn Around Time if different from standard	Hold
	X	X																

Relinquished by: Date: Time:
04/15/07 1400

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received at Laboratory by: Date: Time:
Rhonda Ripley 4/16/07 11:15

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

ORIGINAL COPY

LAB USE ONLY

Intact (Y) N

Headspace Y / N

Temp 4°C

Log-in-Review ahd

REMARKS: Please Send Copy of Results ASAP to cmbenvirc dfn.com

☐ Dry Weight Basis Required

☐ TRRP Report Required

☐ Check If Special Reporting Limits Are Needed

Carrier # FedEx 2290 3900

PAGE 2 OF 2

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1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 7041617

Company Name: GANDY MARLEY INC.
Phone #: 505-347-0434
Address: (Street, City, Zip) PO Box 1658 Roswell NM 88202
Fax #: 505-347-0435
Contact Person: Bill Marley / Project Mgr
E-mail: GMI@dtn.com
Invoice to: (If different from above)
Project #: 1st Quarter Soil Sampling 2007
Project Name: GMI Landfarm
Project Location (including state): Sec. 4,5,8,9 T.11-S. R.31E. Chaves NM
Sampler Signature: [signature]

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	WATER	SOIL	AIR	SLUDGE	HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	DATE	TIME	MTBE 8021B / 602 / 8260B / 624	BTEX (8021B) / 602 / 8260B / 624	TPH (418.1) / TX1005 / TX1005 Ext(C35)
121818	Cell 10	1	14oz Glass		X								X	4/12/07	12:10		X	X
19	Cell 9	↓	↓		↓								↓	↓	12:20		↓	↓
20	Cell 8	↓	↓		↓								↓	↓	12:30		↓	↓
21	Cell 7	↓	↓		↓								↓	↓	12:40		↓	↓
22	Cell 6	↓	↓		↓								↓	↓	12:50		↓	↓
23	Cell 5	↓	↓		↓								↓	↓	13:00		↓	↓
24	Cell 4	↓	↓		↓								↓	↓	13:10		↓	↓
25	Cell 3	↓	↓		↓								↓	↓	13:20		↓	↓
26	Cell 2	↓	↓		↓								↓	↓	13:30		↓	↓
27	Cell 1	↓	↓		↓								↓	↓	13:40		↓	↓

ANALYSIS REQUEST (Circle or Specify Method No.) — other columns (none marked): TPH 8015 GRO / DRO / TVHC; PAH 8270C / 625; Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7; TCLP Metals Ag As Ba Cd Cr Pb Se Hg; TCLP Volatiles; TCLP Semi Volatiles; TCLP Pesticides; RCI; GC/MS Vol. 8260B / 624; GC/MS Semi. Vol. 8270C / 625; PCB's 8082 / 608; Pesticides 8081A / 608; BOD, TSS, pH; Moisture Content; Turn Around Time if different from standard; Hold

Relinquished by: [signature]	Date: 04/15/07	Time: 1400	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: [signature]	Date: 4-16-07	Time: 11:15

LAB USE ONLY
Intact (Y) / N
Headspace Y / N
Temp 4.0 °C
Log-in-Review [initials]

REMARKS: Please Send Copy of Results ASAP to cmbenviro@dtn.com.
☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

Carrier # Bus [illegible] 303993909

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

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