

NM1 - 19

MONITORING REPORTS

YEAR(S):

2006

January 31, 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

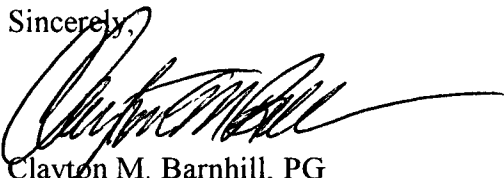
**Re: Submittal of Annual Monitoring Report for Year 2006
Gandy Marley Inc., Commercial Landfarm
Gandy Marley Inc., Operator / PRP
SW/4 of Section 4, SE/4 of Section 5, NE/4 of Section 8, & NW/4 of Section 9,
T. 11 S., R.31 E., NMPM
Chaves County, New Mexico
Commercial Landfarm Permit (NM-01-0019)**

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
QUARTERLY MONITORING REPORT**

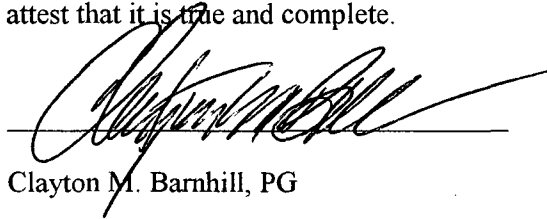
Please include the following information:

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: 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: **January 31, 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:

01/31/2007

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 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 2006 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 2006 was performed on December 27th 2006. This Year End 2006 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 2006 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 (≤ 34 PPM TPH). Chlorides concentrations are below 250 PPM in all cells with the exception of Cell #'s 20, 19, 17, 16, 14, 11, & 7. Cells 15, 18, 20, 21 and 22 are cells which previously accepted salt contaminated soils and drilling muds 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. Soil Chloride Concentrations in cells are in 20, 19, 16, and 11 are above 250 PPM chloride soil concentration. The chloride soil concentrations in cells 7, 13, and 17 are within <29 PPM, of the 250 mg/liter Chloride concentration / drinking water standard. The soil chloride concentrations above 250 PPM, with the exception of cells where drilling mud was applied earlier, are probably sample outliers, and not indicative of the true average soil chloride concentrations in the cells. The State of New Mexico does not have a soil standard for 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:

Figure 1:
GMI Site Facility Map: Year End Report 2006
CMB Environmental & Geological Services, Inc.
January 31, 2007

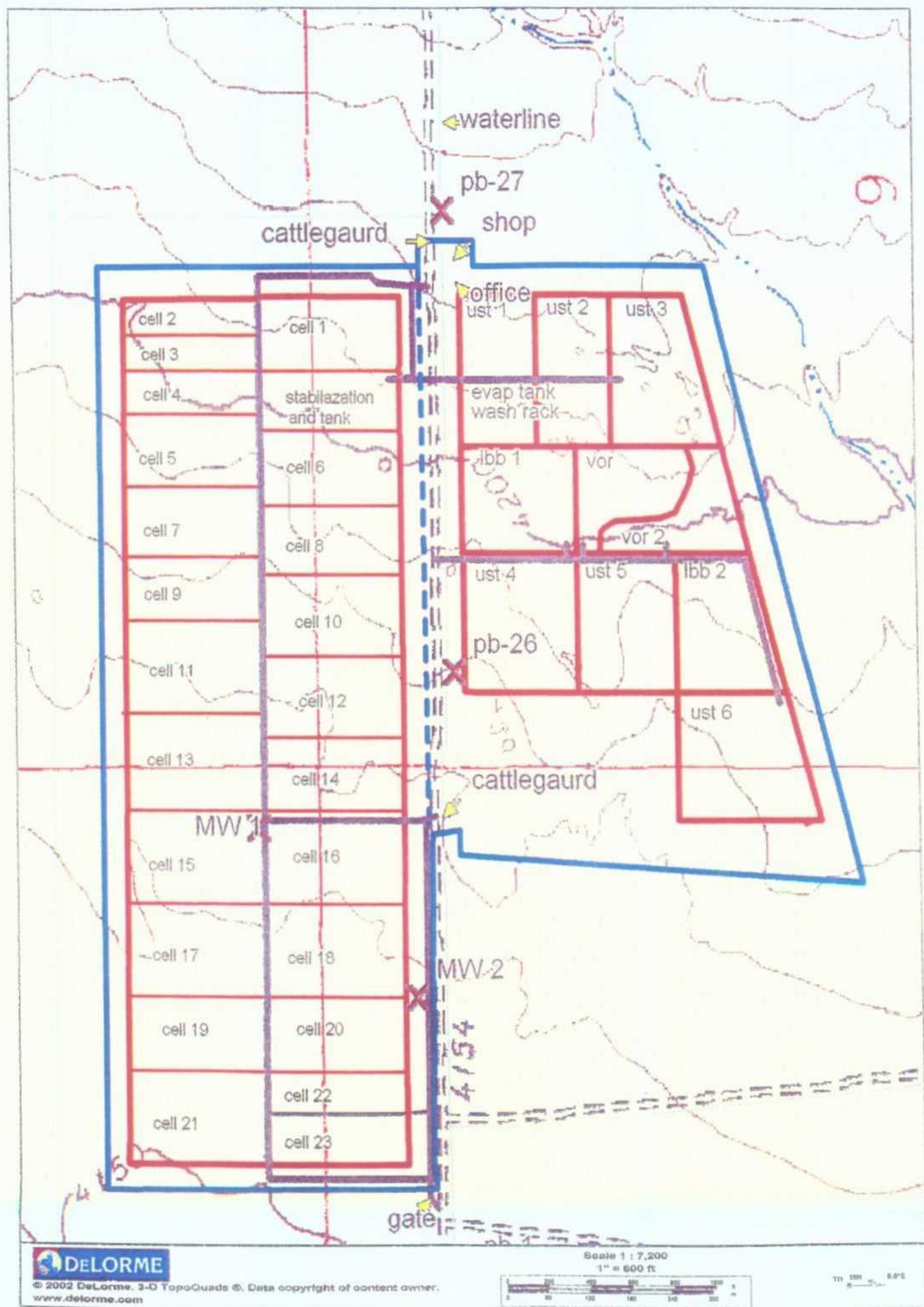


Figure 2:

GMI Site Facility Map: Year End Report 2006
CMB Environmental & Geological Services, Inc.
Soil Sample Locations, as per GPS
January 31, 2007

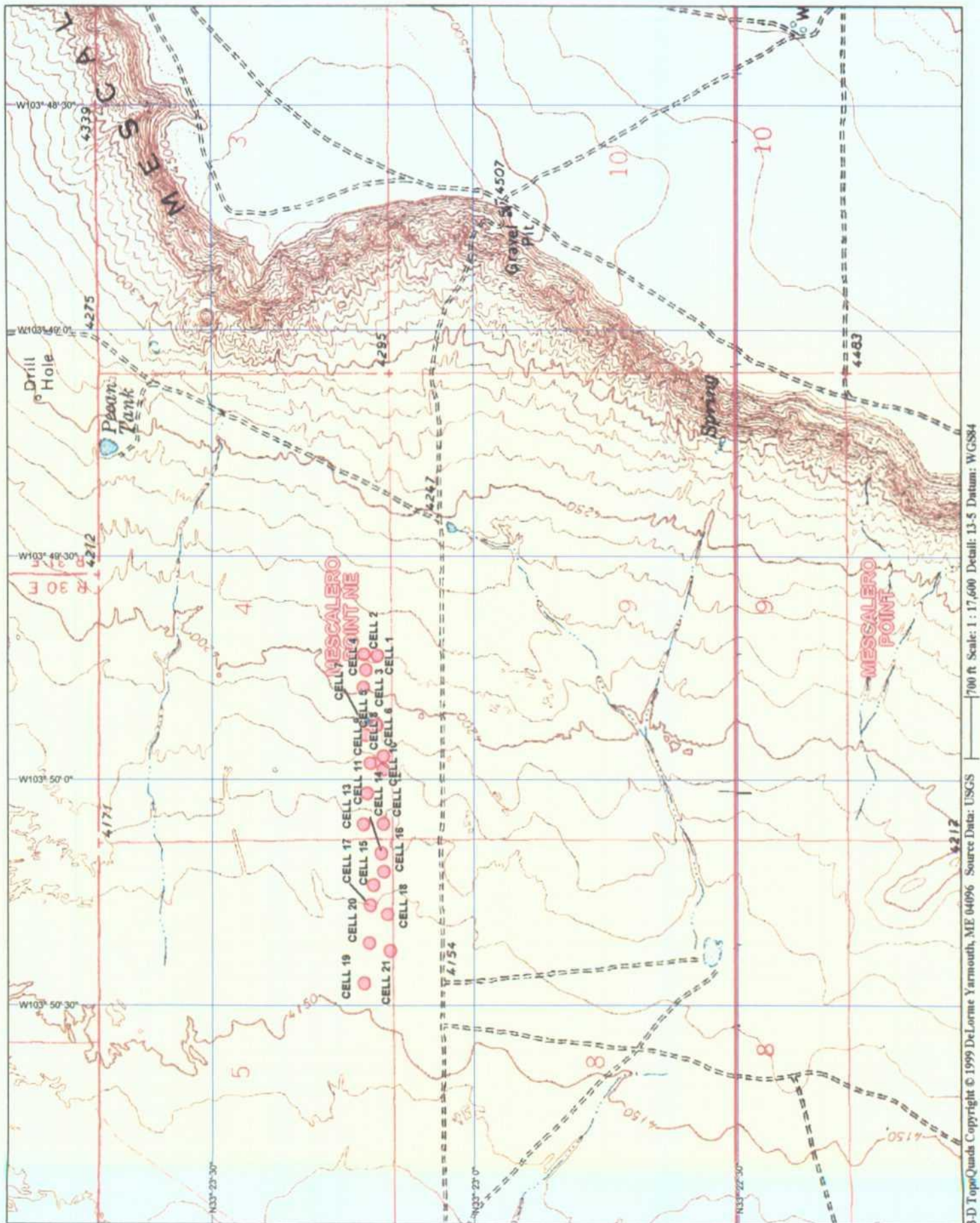


Table 1:
Lab Analysis Summary Reports

Report Date: January 9, 2007
Annual Year End Sampling 2006

Work Order: 7010211
GMI Landfarm

Page Number: 1 of 12
Sec 4,5,8,9 T.11 S.R. 31E Chaves Co.,NM

Summary Report

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

Report Date: January 9, 2007

Work Order: 7010211



Project Location: Sec 4,5,8,9 T.11 S.R. 31E Chaves Co.,NM
Project Name: GMI Landfarm
Project Number: Annual Year End Sampling 2006

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
112922	Cell 21	soil	2006-12-27	10:36	2006-12-30
112923	Cell 20	soil	2006-12-27	10:44	2006-12-30
112924	Cell 18	soil	2006-12-27	11:00	2006-12-30
112925	Cell 19	soil	2006-12-27	11:32	2006-12-30
112926	Cell 17	soil	2006-12-27	11:41	2006-12-30
112927	Cell 16	soil	2006-12-27	11:47	2006-12-30
112928	Cell 15	soil	2006-12-27	11:54	2006-12-30
112929	Cell 14	soil	2006-12-27	12:00	2006-12-30
112930	Cell 13	soil	2006-12-27	12:07	2006-12-30
112931	Cell 12	soil	2006-12-27	12:12	2006-12-30
112932	Cell 11	soil	2006-12-27	12:17	2006-12-30
112933	Cell 10	soil	2006-12-27	12:24	2006-12-30
112934	Cell 9	soil	2006-12-27	12:29	2006-12-30
112935	Cell 8	soil	2006-12-27	12:36	2006-12-30
112936	Cell 7	soil	2006-12-27	12:48	2006-12-30
112937	Cell 6	soil	2006-12-27	12:51	2006-12-30
112938	Cell 5	soil	2006-12-27	12:54	2006-12-30
112939	Cell 4	soil	2006-12-27	12:58	2006-12-30
112940	Cell 3	soil	2006-12-27	13:02	2006-12-30
112941	Cell 2	soil	2006-12-27	13:07	2006-12-30
112942	Cell 1	soil	2006-12-27	13:10	2006-12-30

Sample - Field Code	BTEX				MTBE	TPH 418.1
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	TRPHC (mg/Kg)
112922 - Cell 21	<0.0100	<0.0100	<0.0100	<0.0100		22.2
112923 - Cell 20	<0.0100	<0.0100	<0.0100	<0.0100		18.1
112924 - Cell 18	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
112925 - Cell 19	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
112926 - Cell 17	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
112927 - Cell 16	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
112928 - Cell 15	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
112929 - Cell 14	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
112930 - Cell 13	<0.0100	<0.0100	<0.0100	<0.0100		16.9
112931 - Cell 12	<0.0100	<0.0100	<0.0100	<0.0100		17.9

continued ...

... continued

Sample - Field Code	BTEX				MTBE	TPH 418.1
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	TRPHC (mg/Kg)
112932 - Cell 11	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
112933 - Cell 10	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
112934 - Cell 9	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
112935 - Cell 8	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
112936 - Cell 7	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
112937 - Cell 6	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
112938 - Cell 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
112939 - Cell 4	<0.0100	<0.0100	<0.0100	<0.0100		17.8
112940 - Cell 3	<0.0100	<0.0100	<0.0100	<0.0100		17.7
112941 - Cell 2	<0.0100	<0.0100	<0.0100	<0.0100		33.6
112942 - Cell 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0

Sample: 112922 - Cell 21

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		78.0	mg/Kg as CaCo3	4.00
Total Alkalinity		78.0	mg/Kg as CaCo3	4.00
Chloride		41.5	mg/Kg	1.00
Specific Conductance		344	µMHOS/cm	0.00
pH		8.02	s.u.	0.00
Total Calcium		87700	mg/Kg	0.500
Total Magnesium		3110	mg/Kg	0.500
Total Potassium		1490	mg/Kg	0.500
Total Sodium		331	mg/Kg	0.500
Sulfate		28.1	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		2.14	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: 112923 - Cell 20

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
Chloride		797	mg/Kg	1.00
Specific Conductance		4050	µMHOS/cm	0.00
pH		7.82	s.u.	0.00
Total Calcium		80600	mg/Kg	0.500
Total Magnesium		3990	mg/Kg	0.500
Total Potassium		987	mg/Kg	0.500
Total Sodium		1020	mg/Kg	0.500

continued ...

sample 112923 continued ...

Param	Flag	Result	Units	RL
Sulfate		1010	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		0.781	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: 112924 - Cell 18

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
Chloride		244	mg/Kg	1.00
Specific Conductance		1280	µMHOS/cm	0.00
pH		8.65	s.u.	0.00
Total Calcium		115000	mg/Kg	0.500
Total Magnesium		4070	mg/Kg	0.500
Total Potassium		977	mg/Kg	0.500
Total Sodium		762	mg/Kg	0.500
Sulfate		194	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		1.74	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: 112925 - Cell 19

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		28.0	mg/Kg as CaCo3	4.00
Total Alkalinity		28.0	mg/Kg as CaCo3	4.00
Chloride		2760	mg/Kg	1.00
Specific Conductance		8210	µMHOS/cm	0.00
pH		7.64	s.u.	0.00
Total Calcium		12400	mg/Kg	0.500
Total Magnesium		1980	mg/Kg	0.500
Total Potassium		1230	mg/Kg	0.500
Total Sodium		1540	mg/Kg	0.500
Sulfate		361	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125

continued ...

sample 112925 continued ...

Param	Flag	Result	Units	RL
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		1.28	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: 112926 - 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		38.0	mg/Kg as CaCo3	4.00
Total Alkalinity		38.0	mg/Kg as CaCo3	4.00
Chloride		255	mg/Kg	1.00
Specific Conductance		1200	µMHOS/cm	0.00
pH		8.30	s.u.	0.00
Total Calcium		87700	mg/Kg	0.500
Total Magnesium		1470	mg/Kg	0.500
Total Potassium		617	mg/Kg	0.500
Total Sodium		519	mg/Kg	0.500
Sulfate		144	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		1.44	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: 112927 - 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		42.0	mg/Kg as CaCo3	4.00
Total Alkalinity		42.0	mg/Kg as CaCo3	4.00
Chloride		643	mg/Kg	1.00
Specific Conductance		2910	µMHOS/cm	0.00
pH		7.98	s.u.	0.00
Total Calcium		48100	mg/Kg	0.500
Total Magnesium		1730	mg/Kg	0.500
Total Potassium		988	mg/Kg	0.500
Total Sodium		897	mg/Kg	0.500
Sulfate		446	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		1.55	mg/L	0.100

continued ...

sample 112927 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: 112928 - Cell 15

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		68.0	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		1200	mg/Kg as CaCo3	4.00
Total Alkalinity		1270	mg/Kg as CaCo3	4.00
Chloride		62.4	mg/Kg	1.00
Specific Conductance		739	µMHOS/cm	0.00
pH		9.35	s.u.	0.00
Total Calcium		8400	mg/Kg	0.500
Total Magnesium		1540	mg/Kg	0.500
Total Potassium		1200	mg/Kg	0.500
Total Sodium		913	mg/Kg	0.500
Sulfate		87.8	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		1.38	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: 112929 - 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		72.0	mg/Kg as CaCo3	4.00
Total Alkalinity		72.0	mg/Kg as CaCo3	4.00
Chloride		564	mg/Kg	1.00
Specific Conductance		2110	µMHOS/cm	0.00
pH		8.91	s.u.	0.00
Total Calcium		88200	mg/Kg	0.500
Total Magnesium		2450	mg/Kg	0.500
Total Potassium		710	mg/Kg	0.500
Total Sodium		1260	mg/Kg	0.500
Sulfate		107	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		2.17	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100

continued ...

sample 112929 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: 112930 - Cell 13

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		53.0	mg/Kg as CaCo3	4.00
Total Alkalinity		53.0	mg/Kg as CaCo3	4.00
Chloride		253	mg/Kg	1.00
Specific Conductance		1770	µMHOS/cm	0.00
pH		8.20	s.u.	0.00
Total Calcium		45300	mg/Kg	0.500
Total Magnesium		3270	mg/Kg	0.500
Total Potassium		1600	mg/Kg	0.500
Total Sodium		674	mg/Kg	0.500
Sulfate		425	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		1.10	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: 112931 - 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		44.0	mg/Kg as CaCo3	4.00
Total Alkalinity		44.0	mg/Kg as CaCo3	4.00
Chloride		13.8	mg/Kg	1.00
Specific Conductance		240	µMHOS/cm	0.00
pH		8.48	s.u.	0.00
Total Calcium		2550	mg/Kg	0.500
Total Magnesium		1660	mg/Kg	0.500
Total Potassium		1930	mg/Kg	0.500
Total Sodium		211	mg/Kg	0.500
Sulfate		47.8	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		1.87	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 112931 continued ...

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

Sample: 112932 - 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		36.0	mg/Kg as CaCo3	4.00
Total Alkalinity		36.0	mg/Kg as CaCo3	4.00
Chloride		739	mg/Kg	1.00
Specific Conductance		2650	μMHOS/cm	0.00
pH		7.78	s.u.	0.00
Total Calcium		51000	mg/Kg	0.500
Total Magnesium		2320	mg/Kg	0.500
Total Potassium		1100	mg/Kg	0.500
Total Sodium		425	mg/Kg	0.500
Sulfate		167	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		1.71	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: 112933 - Cell 10

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		60.0	mg/Kg as CaCo3	4.00
Total Alkalinity		60.0	mg/Kg as CaCo3	4.00
Chloride		213	mg/Kg	1.00
Specific Conductance		1890	μMHOS/cm	0.00
pH		8.09	s.u.	0.00
Total Calcium		116000	mg/Kg	0.500
Total Magnesium		4690	mg/Kg	0.500
Total Potassium		1080	mg/Kg	0.500
Total Sodium		1070	mg/Kg	0.500
Sulfate		518	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		1.54	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: 112934 - Cell 9

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		75.0	mg/Kg as CaCo3	4.00
Total Alkalinity		75.0	mg/Kg as CaCo3	4.00
Chloride		29.6	mg/Kg	1.00
Specific Conductance		819	μMHOS/cm	0.00
pH		8.50	s.u.	0.00
Total Calcium		33400	mg/Kg	0.500
Total Magnesium		2470	mg/Kg	0.500
Total Potassium		1380	mg/Kg	0.500
Total Sodium		604	mg/Kg	0.500
Sulfate		254	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		1.97	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: 112935 - Cell 8

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
Chloride		98.1	mg/Kg	1.00
Specific Conductance		2350	μMHOS/cm	0.00
pH		8.02	s.u.	0.00
Total Calcium		56000	mg/Kg	0.500
Total Magnesium		3480	mg/Kg	0.500
Total Potassium		1030	mg/Kg	0.500
Total Sodium		591	mg/Kg	0.500
Sulfate		1290	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		1.44	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: 112936 - 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

continued ...

sample 112936 continued ...

Param	Flag	Result	Units	RL
Bicarbonate Alkalinity		60.0	mg/Kg as CaCo3	4.00
Total Alkalinity		60.0	mg/Kg as CaCo3	4.00
Chloride		278	mg/Kg	1.00
Specific Conductance		1420	μMHOS/cm	0.00
pH		8.08	s.u.	0.00
Total Calcium		45500	mg/Kg	0.500
Total Magnesium		3560	mg/Kg	0.500
Total Potassium		2190	mg/Kg	0.500
Total Sodium		495	mg/Kg	0.500
Sulfate		163	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		2.16	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: 112937 - Cell 6

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		82.0	mg/Kg as CaCo3	4.00
Total Alkalinity		82.0	mg/Kg as CaCo3	4.00
Chloride		183	mg/Kg	1.00
Specific Conductance		1760	μMHOS/cm	0.00
pH		8.10	s.u.	0.00
Total Calcium		7060	mg/Kg	0.500
Total Magnesium		2780	mg/Kg	0.500
Total Potassium		2420	mg/Kg	0.500
Total Sodium		721	mg/Kg	0.500
Sulfate		480	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		1.38	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: 112938 - 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		86.0	mg/Kg as CaCo3	4.00
Total Alkalinity		86.0	mg/Kg as CaCo3	4.00

continued ...

sample 112938 continued ...

Param	Flag	Result	Units	RL
Chloride		35.0	mg/Kg	1.00
Specific Conductance		711	µMHOS/cm	0.00
pH		8.21	s.u.	0.00
Total Calcium		43200	mg/Kg	0.500
Total Magnesium		2300	mg/Kg	0.500
Total Potassium		1650	mg/Kg	0.500
Total Sodium		328	mg/Kg	0.500
Sulfate		176	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		1.57	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: 112939 - 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		106	mg/Kg as CaCo3	4.00
Total Alkalinity		106	mg/Kg as CaCo3	4.00
Chloride		26.1	mg/Kg	1.00
Specific Conductance		762	µMHOS/cm	0.00
pH		8.90	s.u.	0.00
Total Calcium		17000	mg/Kg	0.500
Total Magnesium		2620	mg/Kg	0.500
Total Potassium		1520	mg/Kg	0.500
Total Sodium		784	mg/Kg	0.500
Sulfate		202	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		1.83	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: 112940 - Cell 3

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		57.0	mg/Kg as CaCo3	4.00
Total Alkalinity		57.0	mg/Kg as CaCo3	4.00
Chloride		10.5	mg/Kg	1.00
Specific Conductance		524	µMHOS/cm	0.00

continued ...

sample 112940 continued ...

Param	Flag	Result	Units	RL
pH		8.48	s.u.	0.00
Total Calcium		8510	mg/Kg	0.500
Total Magnesium		2000	mg/Kg	0.500
Total Potassium		1300	mg/Kg	0.500
Total Sodium		332	mg/Kg	0.500
Sulfate		196	mg/Kg	2.00
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: 112941 - 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		50.0	mg/Kg as CaCo3	4.00
Total Alkalinity		50.0	mg/Kg as CaCo3	4.00
Chloride		118	mg/Kg	1.00
Specific Conductance		925	µMHOS/cm	0.00
pH		8.01	s.u.	0.00
Total Calcium		11600	mg/Kg	0.500
Total Magnesium		2400	mg/Kg	0.500
Total Potassium		2180	mg/Kg	0.500
Total Sodium		371	mg/Kg	0.500
Sulfate		213	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		2.14	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: 112942 - Cell 1

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		70.0	mg/Kg as CaCo3	4.00
Total Alkalinity		70.0	mg/Kg as CaCo3	4.00
Chloride		213	mg/Kg	1.00
Specific Conductance		1720	µMHOS/cm	0.00
pH		8.13	s.u.	0.00
Total Calcium		66400	mg/Kg	0.500

continued ...

Report Date: January 9, 2007
Annual Year End Sampling 2006

Work Order: 7010211
GMI Landfarm

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Sec 4,5,8,9 T.11 S.R. 31E Chaves Co.,NM

sample 112942 continued ...

Param	Flag	Result	Units	RL
Total Magnesium		2520	mg/Kg	0.500
Total Potassium		1630	mg/Kg	0.500
Total Sodium		679	mg/Kg	0.500
Sulfate		438	mg/Kg	2.00
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

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



THE REPRODUCTION OF

THE

FOLLOWING

DOCUMENT (S)

CANNOT BE IMPROVED

DUE TO

THE CONDITION OF

THE ORIGINAL

Location GMI Landfarm Date 12/27/06
 Project / Client 2006 Year End Sampling
@ GMI by CMB

PAGE 1 of 4

Cell #	TIME/GPS Coordinates	Remarks
#21	1036 33°23.212N	Brown Fine Sand w/ Caliche
#20	1044 33°23.162N	Brown
	103°50.379W	Fine Sand
#18	1100 33°23.167N	Brown
	103°50.298W	Clayey Sand
#19	1132 33°23.202N	Red Clayey
	103°50.362W	Sand w/ Caliche
#17	1141 33°23.200N	Brown
	103°50.278W	Fine Sand
#16	1147 33°23.174N	Brown
	103°50.203W	Fine Sand
#15	1154 33°23.194N	Red
	103°50.233W	Clayey Sand

Location GMI Landfarm Date 12/27/06
 Project / Client 2006 Year End Sampling
@ GMI by CMB Page 2 of 4

Cell # / TIME / GPS Coordinates / Remarks

#14	1200 33°23.179N	Brown
	103°50.163W	Clayey Sand
#13	1207 33°23.213N	Red
	103°50.099W	Clayey Sand
#12	1212 33°23.175N	Red Clayey
	103°50.098W	Sand
#11	1217 33°23.206N	Brown
	103°50.031W	Fine Sand
#10	1224 33°23.175N	Brown
	103°49.978W	Fine Sand
#9	1229 33°23.200N	Red Clayey
	103°49.964W	Sand w/ Caliche
#8	1236 33°23.175N	Brown Fine
	103°49.948W	Sand
#7	1248 33°23.209N	Brown
	103°49.901W	Clayey Sand

Location GMT Landfarm Date _____Project / Client 2006 Year End Sampling@GMT BY CMB Page 3 of 4Cell# / TIME / GPS Coordinates / Remarks

#6 1251 33°23.187N Red

103°49.879W Clayey Sand

#5 1254 33°23.208N Brown

103°49.867W Fine Sand

#4 1258 33°23.213N Red Fine

103°49.795W Sand

#3 1302 33°23.208N Red Fine

103°49.756W Sand

#2 1307 33°23.212N Red Fine

103°49.721W Sand

#1 1310 33°23.186N Brown

103°49.724W Fine Sand

UST#3 1327 33°22.901N Red Fine

103°49.776W Sand

UST#2 1330 33°22.973N Red Clayey

103°49.793W Sand

Location GMT Landfarm Date 12/27/06Project / Client 2006 Year End Sampling@GMT by CMB Page 4 of 4Cell# / TIME / GPS Coordinates / Remarks

UST#1 1334 33°23.008N Red

103°49.788W Fine Sand

UST#4 1341 33°23.005N Red Fine

103°49.951W Sand w/ Caliche

LBB#1 1345 33°22.998N Brown

103°49.905W Fine Sand

VOR 1352 33°22.932N Red Fine

103°49.925W Sand

UST#5 1358 33°22.897N Red Fine

103°49.961W Sand w/ Caliche

~~1399~~ LBB#2 1403 33°22.819N Red Fine

103°49.947W Sand

UST#6 1407 33°22.799N Brown

103°50.084W Fine Sand

UST#7 1410 33°22.797N Brown

103°50.141W Fine Sand

Appendix 3

Laboratory Analytical Results



6701 Aberdeen Avenue, Suite 9
155 McCutcheon, Suite H

Lubbock, Texas 79424
El Paso, Texas 79932

800•378•1296
888•588•3443
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915•585•3443

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Analytical and Quality Control Report

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

Report Date: January 9, 2007

Work Order: 7010211



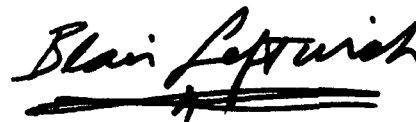
Project Location: Sec 4,5,8,9 T.11 S.R. 31E Chaves Co.,NM
Project Name: GMI Landfarm
Project Number: Annual Year End Sampling 2006

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
112922	Cell 21	soil	2006-12-27	10:36	2006-12-30
112923	Cell 20	soil	2006-12-27	10:44	2006-12-30
112924	Cell 18	soil	2006-12-27	11:00	2006-12-30
112925	Cell 19	soil	2006-12-27	11:32	2006-12-30
112926	Cell 17	soil	2006-12-27	11:41	2006-12-30
112927	Cell 16	soil	2006-12-27	11:47	2006-12-30
112928	Cell 15	soil	2006-12-27	11:54	2006-12-30
112929	Cell 14	soil	2006-12-27	12:00	2006-12-30
112930	Cell 13	soil	2006-12-27	12:07	2006-12-30
112931	Cell 12	soil	2006-12-27	12:12	2006-12-30
112932	Cell 11	soil	2006-12-27	12:17	2006-12-30
112933	Cell 10	soil	2006-12-27	12:24	2006-12-30
112934	Cell 9	soil	2006-12-27	12:29	2006-12-30
112935	Cell 8	soil	2006-12-27	12:36	2006-12-30
112936	Cell 7	soil	2006-12-27	12:48	2006-12-30
112937	Cell 6	soil	2006-12-27	12:51	2006-12-30
112938	Cell 5	soil	2006-12-27	12:54	2006-12-30
112939	Cell 4	soil	2006-12-27	12:58	2006-12-30
112940	Cell 3	soil	2006-12-27	13:02	2006-12-30
112941	Cell 2	soil	2006-12-27	13:07	2006-12-30
112942	Cell 1	soil	2006-12-27	13:10	2006-12-30

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.

A handwritten signature in black ink, reading "Blair Leftwich". The signature is written in a cursive style and is positioned above a horizontal line.

Dr. Blair Leftwich, Director

Standard Flags

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

Analytical Report

Sample: 112922 - Cell 21

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	33373	Date Analyzed:	2007-01-04	Analyzed By:	JS
Prep Batch:	28988	Sample Preparation:	2007-01-02	Prepared By:	JS

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		78.0	mg/Kg as CaCo3	1	4.00
Total Alkalinity		78.0	mg/Kg as CaCo3	1	4.00

Sample: 112922 - Cell 21

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	33332	Date Analyzed:	2007-01-03	Analyzed By:	MT
Prep Batch:	28972	Sample Preparation:	2007-01-03	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)		1.04	mg/Kg	1	1.00	104	87 - 110
4-Bromofluorobenzene (4-BFB)		1.08	mg/Kg	1	1.00	108	93 - 122

Sample: 112922 - Cell 21

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33302	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28949	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		41.5	mg/Kg	5	1.00

Sample: 112922 - Cell 21

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	33306	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28939	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		344	μMHOS/cm	1	0.00

Sample: 112922 - Cell 21

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	33315	Date Analyzed:	2007-01-02	Analyzed By:	JS
Prep Batch:	28957	Sample Preparation:	2007-01-02	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		8.02	s.u.	1	0.00

Sample: 112922 - Cell 21

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	33434	Date Analyzed:	2007-01-06	Analyzed By:	TP
Prep Batch:	29019	Sample Preparation:	2007-01-04	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		87700	mg/Kg	10	0.500
Total Magnesium		3110	mg/Kg	1	0.500
Total Potassium		1490	mg/Kg	1	0.500
Total Sodium		331	mg/Kg	1	0.500

Sample: 112922 - Cell 21

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33302	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28949	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		28.1	mg/Kg	5	2.00

Sample: 112922 - Cell 21

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	33366	Date Analyzed:	2007-01-04	Analyzed By:	RR
Prep Batch:	28980	Sample Preparation:	2007-01-03	Prepared By:	TS
		TCLP Extraction:	2007-01-03	Prepared By:	TS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	33379	Date Analyzed:	2007-01-04	Analyzed By:	TP
Prep Batch:	29008	Sample Preparation:		Prepared By:	TP
		TCLP Extraction:	2007-01-04	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		2.14	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: 112922 - Cell 21

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	33334	Date Analyzed:	2007-01-03	Analyzed By:	SE
Prep Batch:	28974	Sample Preparation:	2007-01-03	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		22.2	mg/Kg	1	10.0

Sample: 112923 - Cell 20

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	33373	Date Analyzed:	2007-01-04	Analyzed By:	JS
Prep Batch:	28988	Sample Preparation:	2007-01-02	Prepared By:	JS

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: 112923 - Cell 20

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	33297	Date Analyzed:	2007-01-02	Analyzed By:	KB
Prep Batch:	28944	Sample Preparation:	2007-01-02	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)		1.07	mg/Kg	1	1.00	107	87 - 110

continued...

sample continued...

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-Bromofluorobenzene (4-BFB)		1.11	mg/Kg	1	1.00	111	93 - 122

Sample: 112923 - Cell 20

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33302	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28949	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		797	mg/Kg	100	1.00

Sample: 112923 - Cell 20

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	33306	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28939	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		4050	μ MHOS/cm	1	0.00

Sample: 112923 - Cell 20

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	33315	Date Analyzed:	2007-01-02	Analyzed By:	JS
Prep Batch:	28957	Sample Preparation:	2007-01-02	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		7.82	s.u.	1	0.00

Sample: 112923 - Cell 20

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	33434	Date Analyzed:	2007-01-06	Analyzed By:	TP
Prep Batch:	29019	Sample Preparation:	2007-01-04	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		80600	mg/Kg	10	0.500
Total Magnesium		3990	mg/Kg	1	0.500
Total Potassium		987	mg/Kg	1	0.500
Total Sodium		1020	mg/Kg	1	0.500

Sample: 112923 - Cell 20

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33302	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28949	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		1010	mg/Kg	100	2.00

Sample: 112923 - Cell 20

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	33369	Date Analyzed:	2007-01-04	Analyzed By:	RR
Prep Batch:	28984	Sample Preparation:	2007-01-03	Prepared By:	TS
		TCLP Extraction:	2007-01-03	Prepared By:	TS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	33379	Date Analyzed:	2007-01-04	Analyzed By:	TP
Prep Batch:	29008	Sample Preparation:		Prepared By:	TP
		TCLP Extraction:	2007-01-04	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		0.781	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: 112923 - Cell 20

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	33334	Date Analyzed:	2007-01-03	Analyzed By:	SE
Prep Batch:	28974	Sample Preparation:	2007-01-03	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		18.1	mg/Kg	1	10.0

Sample: 112924 - Cell 18

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	33373	Date Analyzed:	2007-01-04	Analyzed By:	JS
Prep Batch:	28988	Sample Preparation:	2007-01-02	Prepared By:	JS

continued...

sample 112924 continued...

Parameter	Flag	RL Result	Units	Dilution	RL
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: 112924 - Cell 18

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5035
QC Batch: 33297	Date Analyzed: 2007-01-02	Analyzed By: KB
Prep Batch: 28944	Sample Preparation: 2007-01-02	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	87 - 110
4-Bromofluorobenzene (4-BFB)		1.12	mg/Kg	1	1.00	112	93 - 122

Sample: 112924 - Cell 18

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 33302	Date Analyzed: 2007-01-02	Analyzed By: WB
Prep Batch: 28949	Sample Preparation: 2007-01-02	Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		244	mg/Kg	10	1.00

Sample: 112924 - Cell 18

Analysis: Conductivity	Analytical Method: SM 2510B	Prep Method: N/A
QC Batch: 33306	Date Analyzed: 2007-01-02	Analyzed By: WB
Prep Batch: 28939	Sample Preparation: 2007-01-02	Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		1280	µMHOS/cm	1	0.00

Sample: 112924 - Cell 18

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	33315	Date Analyzed:	2007-01-02	Analyzed By:	JS
Prep Batch:	28957	Sample Preparation:	2007-01-02	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		8.65	s.u.	1	0.00

Sample: 112924 - Cell 18

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	33434	Date Analyzed:	2007-01-06	Analyzed By:	TP
Prep Batch:	29019	Sample Preparation:	2007-01-04	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		115000	mg/Kg	10	0.500
Total Magnesium		4070	mg/Kg	1	0.500
Total Potassium		977	mg/Kg	1	0.500
Total Sodium		762	mg/Kg	1	0.500

Sample: 112924 - Cell 18

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33302	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28949	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		194	mg/Kg	5	2.00

Sample: 112924 - Cell 18

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	33369	Date Analyzed:	2007-01-04	Analyzed By:	RR
Prep Batch:	28984	Sample Preparation:	2007-01-03	Prepared By:	TS
		TCLP Extraction:	2007-01-03	Prepared By:	TS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	33379	Date Analyzed:	2007-01-04	Analyzed By:	TP
Prep Batch:	29008	Sample Preparation:		Prepared By:	TP
		TCLP Extraction:	2007-01-04	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		1.74	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500

continued ...

sample 112924 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
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: 112924 - Cell 18

Analysis: TPH 418.1 Analytical Method: E 418.1 Prep Method: N/A
QC Batch: 33334 Date Analyzed: 2007-01-03 Analyzed By: SE
Prep Batch: 28974 Sample Preparation: 2007-01-03 Prepared By: SE

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

Sample: 112925 - Cell 19

Analysis: Alkalinity Analytical Method: SM 2320B Prep Method: N/A
QC Batch: 33373 Date Analyzed: 2007-01-04 Analyzed By: JS
Prep Batch: 28988 Sample Preparation: 2007-01-02 Prepared By: JS

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		28.0	mg/Kg as CaCo3	1	4.00
Total Alkalinity		28.0	mg/Kg as CaCo3	1	4.00

Sample: 112925 - Cell 19

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
QC Batch: 33297 Date Analyzed: 2007-01-02 Analyzed By: KB
Prep Batch: 28944 Sample Preparation: 2007-01-02 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)		1.08	mg/Kg	1	1.00	108	87 - 110
4-Bromofluorobenzene (4-BFB)		1.12	mg/Kg	1	1.00	112	93 - 122

Sample: 112925 - Cell 19

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33302	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28949	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		2760	mg/Kg	500	1.00

Sample: 112925 - Cell 19

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	33306	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28939	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		8210	μ MHOS/cm	1	0.00

Sample: 112925 - Cell 19

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	33315	Date Analyzed:	2007-01-02	Analyzed By:	JS
Prep Batch:	28957	Sample Preparation:	2007-01-02	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		7.64	s.u.	1	0.00

Sample: 112925 - Cell 19

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	33434	Date Analyzed:	2007-01-06	Analyzed By:	TP
Prep Batch:	29019	Sample Preparation:	2007-01-04	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		12400	mg/Kg	10	0.500
Total Magnesium		1980	mg/Kg	1	0.500
Total Potassium		1230	mg/Kg	1	0.500
Total Sodium		1540	mg/Kg	1	0.500

Sample: 112925 - Cell 19

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33302	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28949	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		361	mg/Kg	50	2.00

Sample: 112925 - Cell 19

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	33369	Date Analyzed:	2007-01-04	Analyzed By:	RR
Prep Batch:	28984	Sample Preparation:	2007-01-03	Prepared By:	TS
		TCLP Extraction:	2007-01-03	Prepared By:	TS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	33379	Date Analyzed:	2007-01-04	Analyzed By:	TP
Prep Batch:	29008	Sample Preparation:		Prepared By:	TP
		TCLP Extraction:	2007-01-04	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		1.28	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: 112925 - Cell 19

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	33334	Date Analyzed:	2007-01-03	Analyzed By:	SE
Prep Batch:	28974	Sample Preparation:	2007-01-03	Prepared By:	SE

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

Sample: 112926 - Cell 17

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	33373	Date Analyzed:	2007-01-04	Analyzed By:	JS
Prep Batch:	28988	Sample Preparation:	2007-01-02	Prepared By:	JS

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		38.0	mg/Kg as CaCo3	1	4.00
Total Alkalinity		38.0	mg/Kg as CaCo3	1	4.00

Sample: 112926 - Cell 17

Analysis: BTEX
QC Batch: 33297
Prep Batch: 28944

Analytical Method: S 8021B
Date Analyzed: 2007-01-02
Sample Preparation: 2007-01-02

Prep Method: S 5035
Analyzed By: KB
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)		1.06	mg/Kg	1	1.00	106	87 - 110
4-Bromofluorobenzene (4-BFB)		1.08	mg/Kg	1	1.00	108	93 - 122

Sample: 112926 - Cell 17

Analysis: Chloride (IC)
QC Batch: 33302
Prep Batch: 28949

Analytical Method: E 300.0
Date Analyzed: 2007-01-02
Sample Preparation: 2007-01-02

Prep Method: N/A
Analyzed By: WB
Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		255	mg/Kg	10	1.00

Sample: 112926 - Cell 17

Analysis: Conductivity
QC Batch: 33306
Prep Batch: 28939

Analytical Method: SM 2510B
Date Analyzed: 2007-01-02
Sample Preparation: 2007-01-02

Prep Method: N/A
Analyzed By: WB
Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		1200	μ MHOS/cm	1	0.00

Sample: 112926 - Cell 17

Analysis: pH
QC Batch: 33315
Prep Batch: 28957

Analytical Method: SM 4500-H+
Date Analyzed: 2007-01-02
Sample Preparation: 2007-01-02

Prep Method: N/A
Analyzed By: JS
Prepared By: JS

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

Sample: 112926 - Cell 17

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	33434	Date Analyzed:	2007-01-06	Analyzed By:	TP
Prep Batch:	29019	Sample Preparation:	2007-01-04	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		87700	mg/Kg	10	0.500
Total Magnesium		1470	mg/Kg	1	0.500
Total Potassium		617	mg/Kg	1	0.500
Total Sodium		519	mg/Kg	1	0.500

Sample: 112926 - Cell 17

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33302	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28949	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		144	mg/Kg	5	2.00

Sample: 112926 - Cell 17

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	33369	Date Analyzed:	2007-01-04	Analyzed By:	RR
Prep Batch:	28984	Sample Preparation:	2007-01-03	Prepared By:	TS
		TCLP Extraction:	2007-01-03	Prepared By:	TS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	33379	Date Analyzed:	2007-01-04	Analyzed By:	TP
Prep Batch:	29008	Sample Preparation:		Prepared By:	TP
		TCLP Extraction:	2007-01-04	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		1.44	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: 112926 - Cell 17

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	33334	Date Analyzed:	2007-01-03	Analyzed By:	SE
Prep Batch:	28974	Sample Preparation:	2007-01-03	Prepared By:	SE

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

Sample: 112927 - Cell 16

Analysis: Alkalinity Analytical Method: SM 2320B Prep Method: N/A
QC Batch: 33373 Date Analyzed: 2007-01-04 Analyzed By: JS
Prep Batch: 28988 Sample Preparation: 2007-01-02 Prepared By: JS

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		42.0	mg/Kg as CaCo3	1	4.00
Total Alkalinity		42.0	mg/Kg as CaCo3	1	4.00

Sample: 112927 - Cell 16

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
QC Batch: 33297 Date Analyzed: 2007-01-02 Analyzed By: KB
Prep Batch: 28944 Sample Preparation: 2007-01-02 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)		1.05	mg/Kg	1	1.00	105	87 - 110
4-Bromofluorobenzene (4-BFB)		1.06	mg/Kg	1	1.00	106	93 - 122

Sample: 112927 - Cell 16

Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
QC Batch: 33303 Date Analyzed: 2007-01-02 Analyzed By: WB
Prep Batch: 28950 Sample Preparation: 2007-01-02 Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		643	mg/Kg	50	1.00

Sample: 112927 - Cell 16

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	33306	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28939	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		2910	μ MHOS/cm	1	0.00

Sample: 112927 - Cell 16

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	33315	Date Analyzed:	2007-01-02	Analyzed By:	JS
Prep Batch:	28957	Sample Preparation:	2007-01-02	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		7.98	s.u.	1	0.00

Sample: 112927 - Cell 16

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	33434	Date Analyzed:	2007-01-06	Analyzed By:	TP
Prep Batch:	29019	Sample Preparation:	2007-01-04	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		48100	mg/Kg	10	0.500
Total Magnesium		1730	mg/Kg	1	0.500
Total Potassium		988	mg/Kg	1	0.500
Total Sodium		897	mg/Kg	1	0.500

Sample: 112927 - Cell 16

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33303	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28950	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		446	mg/Kg	50	2.00

Sample: 112927 - Cell 16

Analysis: TCLP Total 8 Metals
QC Batch: 33369
Prep Batch: 28984

Analytical Method: S 6010B
Date Analyzed: 2007-01-04
Sample Preparation: 2007-01-03
TCLP Extraction: 2007-01-03
Analytical Method: S 7470A
Date Analyzed: 2007-01-04
Sample Preparation: 2007-01-04
TCLP Extraction: 2007-01-04

Prep Method: TCLP 1311
Analyzed By: RR
Prepared By: TS
Prepared By: TS
Prep Method: TCLP 1311
Analyzed By: TP
Prepared By: TP
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		1.55	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: 112927 - Cell 16

Analysis: TPH 418.1
QC Batch: 33334
Prep Batch: 28974

Analytical Method: E 418.1
Date Analyzed: 2007-01-03
Sample Preparation: 2007-01-03

Prep Method: N/A
Analyzed By: SE
Prepared By: SE

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

Sample: 112928 - Cell 15

Analysis: Alkalinity
QC Batch: 33373
Prep Batch: 28988

Analytical Method: SM 2320B
Date Analyzed: 2007-01-04
Sample Preparation: 2007-01-02

Prep Method: N/A
Analyzed By: JS
Prepared By: JS

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Carbonate Alkalinity		68.0	mg/Kg as CaCo3	1	1.00
Bicarbonate Alkalinity		1200	mg/Kg as CaCo3	1	4.00
Total Alkalinity		1270	mg/Kg as CaCo3	1	4.00

Sample: 112928 - Cell 15

Analysis: BTEX
QC Batch: 33297
Prep Batch: 28944

Analytical Method: S 8021B
Date Analyzed: 2007-01-02
Sample Preparation: 2007-01-02

Prep Method: S 5035
Analyzed By: KB
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)		1.06	mg/Kg	1	1.00	106	87 - 110
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	1	1.00	102	93 - 122

Sample: 112928 - Cell 15

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 33303	Date Analyzed: 2007-01-02	Analyzed By: WB
Prep Batch: 28950	Sample Preparation: 2007-01-02	Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		62.4	mg/Kg	5	1.00

Sample: 112928 - Cell 15

Analysis: Conductivity	Analytical Method: SM 2510B	Prep Method: N/A
QC Batch: 33306	Date Analyzed: 2007-01-02	Analyzed By: WB
Prep Batch: 28939	Sample Preparation: 2007-01-02	Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		739	μ MHOS/cm	1	0.00

Sample: 112928 - Cell 15

Analysis: pH	Analytical Method: SM 4500-H+	Prep Method: N/A
QC Batch: 33315	Date Analyzed: 2007-01-02	Analyzed By: JS
Prep Batch: 28957	Sample Preparation: 2007-01-02	Prepared By: JS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		9.35	s.u.	1	0.00

Sample: 112928 - Cell 15

Analysis: Salts, Total	Analytical Method: S 6010B	Prep Method: S 3050B
QC Batch: 33434	Date Analyzed: 2007-01-06	Analyzed By: TP
Prep Batch: 29019	Sample Preparation: 2007-01-04	Prepared By: TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		8400	mg/Kg	1	0.500
Total Magnesium		1540	mg/Kg	1	0.500
Total Potassium		1200	mg/Kg	1	0.500
Total Sodium		913	mg/Kg	1	0.500

Sample: 112928 - Cell 15

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33303	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28950	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		87.8	mg/Kg	5	2.00

Sample: 112928 - Cell 15

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	33369	Date Analyzed:	2007-01-04	Analyzed By:	RR
Prep Batch:	28984	Sample Preparation:	2007-01-03	Prepared By:	TS
		TCLP Extraction:	2007-01-03	Prepared By:	TS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	33379	Date Analyzed:	2007-01-04	Analyzed By:	TP
Prep Batch:	29008	Sample Preparation:		Prepared By:	TP
		TCLP Extraction:	2007-01-04	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		1.38	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: 112928 - Cell 15

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	33334	Date Analyzed:	2007-01-03	Analyzed By:	SE
Prep Batch:	28974	Sample Preparation:	2007-01-03	Prepared By:	SE

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

Sample: 112929 - Cell 14

Analysis: Alkalinity Analytical Method: SM 2320B Prep Method: N/A
QC Batch: 33373 Date Analyzed: 2007-01-04 Analyzed By: JS
Prep Batch: 28988 Sample Preparation: 2007-01-02 Prepared By: JS

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		72.0	mg/Kg as CaCo3	1	4.00
Total Alkalinity		72.0	mg/Kg as CaCo3	1	4.00

Sample: 112929 - Cell 14

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
QC Batch: 33297 Date Analyzed: 2007-01-02 Analyzed By: KB
Prep Batch: 28944 Sample Preparation: 2007-01-02 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	87 - 110
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	1	1.00	102	93 - 122

Sample: 112929 - Cell 14

Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
QC Batch: 33303 Date Analyzed: 2007-01-02 Analyzed By: WB
Prep Batch: 28950 Sample Preparation: 2007-01-02 Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		564	mg/Kg	50	1.00

Sample: 112929 - Cell 14

Analysis: Conductivity Analytical Method: SM 2510B Prep Method: N/A
QC Batch: 33306 Date Analyzed: 2007-01-02 Analyzed By: WB
Prep Batch: 28939 Sample Preparation: 2007-01-02 Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		2110	µMHOS/cm	1	0.00

Sample: 112929 - Cell 14

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	33315	Date Analyzed:	2007-01-02	Analyzed By:	JS
Prep Batch:	28957	Sample Preparation:	2007-01-02	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		8.91	s.u.	1	0.00

Sample: 112929 - Cell 14

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	33434	Date Analyzed:	2007-01-06	Analyzed By:	TP
Prep Batch:	29019	Sample Preparation:	2007-01-04	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		88200	mg/Kg	10	0.500
Total Magnesium		2450	mg/Kg	1	0.500
Total Potassium		710	mg/Kg	1	0.500
Total Sodium		1260	mg/Kg	1	0.500

Sample: 112929 - Cell 14

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33303	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28950	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		107	mg/Kg	5	2.00

Sample: 112929 - Cell 14

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	33369	Date Analyzed:	2007-01-04	Analyzed By:	RR
Prep Batch:	28984	Sample Preparation:	2007-01-03	Prepared By:	TS
		TCLP Extraction:	2007-01-03	Prepared By:	TS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	33379	Date Analyzed:	2007-01-04	Analyzed By:	TP
Prep Batch:	29008	Sample Preparation:		Prepared By:	TP
		TCLP Extraction:	2007-01-04	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		2.17	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500

continued...

sample 112929 continued...

Parameter	Flag	RL Result	Units	Dilution	RL
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: 112929 - Cell 14

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	33334	Date Analyzed:	2007-01-03	Analyzed By:	SE
Prep Batch:	28974	Sample Preparation:	2007-01-03	Prepared By:	SE

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

Sample: 112930 - Cell 13

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	33373	Date Analyzed:	2007-01-04	Analyzed By:	JS
Prep Batch:	28988	Sample Preparation:	2007-01-02	Prepared By:	JS

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		53.0	mg/Kg as CaCo3	1	4.00
Total Alkalinity		53.0	mg/Kg as CaCo3	1	4.00

Sample: 112930 - Cell 13

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	33297	Date Analyzed:	2007-01-02	Analyzed By:	KB
Prep Batch:	28944	Sample Preparation:	2007-01-02	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	87 - 110
4-Bromofluorobenzene (4-BFB)		1.03	mg/Kg	1	1.00	103	93 - 122

Sample: 112930 - Cell 13

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33303	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28950	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		253	mg/Kg	5	1.00

Sample: 112930 - Cell 13

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	33306	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28939	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		1770	μMHOS/cm	1	0.00

Sample: 112930 - Cell 13

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	33315	Date Analyzed:	2007-01-02	Analyzed By:	JS
Prep Batch:	28957	Sample Preparation:	2007-01-02	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		8.20	s.u.	1	0.00

Sample: 112930 - Cell 13

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	33434	Date Analyzed:	2007-01-06	Analyzed By:	TP
Prep Batch:	29019	Sample Preparation:	2007-01-04	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		45300	mg/Kg	10	0.500
Total Magnesium		3270	mg/Kg	1	0.500
Total Potassium		1600	mg/Kg	1	0.500
Total Sodium		674	mg/Kg	1	0.500

Sample: 112930 - Cell 13

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33303	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28950	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		425	mg/Kg	10	2.00

Sample: 112930 - Cell 13

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	33369	Date Analyzed:	2007-01-04	Analyzed By:	RR
Prep Batch:	28984	Sample Preparation:	2007-01-03	Prepared By:	TS
		TCLP Extraction:	2007-01-03	Prepared By:	TS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	33380	Date Analyzed:	2007-01-04	Analyzed By:	TP
Prep Batch:	29008	Sample Preparation:		Prepared By:	TP
		TCLP Extraction:	2007-01-04	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		1.10	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: 112930 - Cell 13

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	33334	Date Analyzed:	2007-01-03	Analyzed By:	SE
Prep Batch:	28974	Sample Preparation:	2007-01-03	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		16.9	mg/Kg	1	10.0

Sample: 112931 - Cell 12

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	33373	Date Analyzed:	2007-01-04	Analyzed By:	JS
Prep Batch:	28988	Sample Preparation:	2007-01-02	Prepared By:	JS

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		44.0	mg/Kg as CaCo3	1	4.00
Total Alkalinity		44.0	mg/Kg as CaCo3	1	4.00

Sample: 112931 - Cell 12

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	33297	Date Analyzed:	2007-01-02	Analyzed By:	KB
Prep Batch:	28944	Sample Preparation:	2007-01-02	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	87 - 110
4-Bromofluorobenzene (4-BFB)		1.07	mg/Kg	1	1.00	107	93 - 122

Sample: 112931 - Cell 12

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33303	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28950	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		13.8	mg/Kg	5	1.00

Sample: 112931 - Cell 12

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	33306	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28939	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		240	µMHOS/cm	1	0.00

Sample: 112931 - Cell 12

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	33315	Date Analyzed:	2007-01-02	Analyzed By:	JS
Prep Batch:	28957	Sample Preparation:	2007-01-02	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		8.48	s.u.	1	0.00

Sample: 112931 - Cell 12

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	33434	Date Analyzed:	2007-01-06	Analyzed By:	TP
Prep Batch:	29019	Sample Preparation:	2007-01-04	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		2550	mg/Kg	1	0.500
Total Magnesium		1660	mg/Kg	1	0.500
Total Potassium		1930	mg/Kg	1	0.500
Total Sodium		211	mg/Kg	1	0.500

Sample: 112931 - Cell 12

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33303	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28950	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		47.8	mg/Kg	5	2.00

Sample: 112931 - Cell 12

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	33369	Date Analyzed:	2007-01-04	Analyzed By:	RR
Prep Batch:	28984	Sample Preparation:	2007-01-03	Prepared By:	TS
		TCLP Extraction:	2007-01-03	Prepared By:	TS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	33380	Date Analyzed:	2007-01-04	Analyzed By:	TP
Prep Batch:	29008	Sample Preparation:		Prepared By:	TP
		TCLP Extraction:	2007-01-04	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		1.87	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: 112931 - Cell 12

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	33334	Date Analyzed:	2007-01-03	Analyzed By:	SE
Prep Batch:	28974	Sample Preparation:	2007-01-03	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		17.9	mg/Kg	1	10.0

Sample: 112932 - Cell 11

Analysis: Alkalinity Analytical Method: SM 2320B Prep Method: N/A
QC Batch: 33374 Date Analyzed: 2007-01-04 Analyzed By: JS
Prep Batch: 28989 Sample Preparation: 2007-01-02 Prepared By: JS

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: 112932 - Cell 11

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
QC Batch: 33297 Date Analyzed: 2007-01-02 Analyzed By: KB
Prep Batch: 28944 Sample Preparation: 2007-01-02 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	87 - 110
4-Bromofluorobenzene (4-BFB)		1.08	mg/Kg	1	1.00	108	93 - 122

Sample: 112932 - Cell 11

Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
QC Batch: 33304 Date Analyzed: 2007-01-03 Analyzed By: WB
Prep Batch: 28951 Sample Preparation: 2007-01-02 Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		739	mg/Kg	50	1.00

Sample: 112932 - Cell 11

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	33307	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28941	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		2650	μMHOS/cm	1	0.00

Sample: 112932 - Cell 11

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	33317	Date Analyzed:	2007-01-02	Analyzed By:	JS
Prep Batch:	28959	Sample Preparation:	2007-01-02	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		7.78	s.u.	1	0.00

Sample: 112932 - Cell 11

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	33435	Date Analyzed:	2007-01-07	Analyzed By:	TP
Prep Batch:	29019	Sample Preparation:	2007-01-04	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		51000	mg/Kg	10	0.500
Total Magnesium		2320	mg/Kg	1	0.500
Total Potassium		1100	mg/Kg	1	0.500
Total Sodium		425	mg/Kg	1	0.500

Sample: 112932 - Cell 11

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33304	Date Analyzed:	2007-01-03	Analyzed By:	WB
Prep Batch:	28951	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		167	mg/Kg	5	2.00

Sample: 112932 - Cell 11

Analysis: TCLP Total 8 Metals
QC Batch: 33369
Prep Batch: 28984

Analytical Method: S 6010B
Date Analyzed: 2007-01-04
Sample Preparation: 2007-01-03
TCLP Extraction: 2007-01-03
Analytical Method: S 7470A
Date Analyzed: 2007-01-04
Sample Preparation: 2007-01-04
TCLP Extraction: 2007-01-04

Prep Method: TCLP 1311
Analyzed By: RR
Prepared By: TS
Prepared By: TS
Prep Method: TCLP 1311
Analyzed By: TP
Prepared By: TP
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		1.71	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: 112932 - Cell 11

Analysis: TPH 418.1
QC Batch: 33334
Prep Batch: 28974

Analytical Method: E 418.1
Date Analyzed: 2007-01-03
Sample Preparation: 2007-01-03

Prep Method: N/A
Analyzed By: SE
Prepared By: SE

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

Sample: 112933 - Cell 10

Analysis: Alkalinity
QC Batch: 33374
Prep Batch: 28989

Analytical Method: SM 2320B
Date Analyzed: 2007-01-04
Sample Preparation: 2007-01-02

Prep Method: N/A
Analyzed By: JS
Prepared By: JS

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		60.0	mg/Kg as CaCo3	1	4.00
Total Alkalinity		60.0	mg/Kg as CaCo3	1	4.00

Sample: 112933 - Cell 10

Analysis: BTEX
QC Batch: 33297
Prep Batch: 28944

Analytical Method: S 8021B
Date Analyzed: 2007-01-02
Sample Preparation: 2007-01-02

Prep Method: S 5035
Analyzed By: KB
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	87 - 110
4-Bromofluorobenzene (4-BFB)		1.01	mg/Kg	1	1.00	101	93 - 122

Sample: 112933 - Cell 10

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33303	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28950	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		213	mg/Kg	5	1.00

Sample: 112933 - Cell 10

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	33307	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28941	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		1890	μ MHOS/cm	1	0.00

Sample: 112933 - Cell 10

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	33317	Date Analyzed:	2007-01-02	Analyzed By:	JS
Prep Batch:	28959	Sample Preparation:	2007-01-02	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		8.09	s.u.	1	0.00

Sample: 112933 - Cell 10

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	33435	Date Analyzed:	2007-01-07	Analyzed By:	TP
Prep Batch:	29019	Sample Preparation:	2007-01-04	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		116000	mg/Kg	10	0.500
Total Magnesium		4690	mg/Kg	1	0.500
Total Potassium		1080	mg/Kg	1	0.500
Total Sodium		1070	mg/Kg	1	0.500

Sample: 112933 - Cell 10

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33303	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28950	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		518	mg/Kg	50	2.00

Sample: 112933 - Cell 10

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	33372	Date Analyzed:	2007-01-04	Analyzed By:	RR
Prep Batch:	28984	Sample Preparation:	2007-01-03	Prepared By:	TS
		TCLP Extraction:	2007-01-03	Prepared By:	TS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	33380	Date Analyzed:	2007-01-04	Analyzed By:	TP
Prep Batch:	29008	Sample Preparation:		Prepared By:	TP
		TCLP Extraction:	2007-01-04	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		1.54	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: 112933 - Cell 10

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	33334	Date Analyzed:	2007-01-03	Analyzed By:	SE
Prep Batch:	28974	Sample Preparation:	2007-01-03	Prepared By:	SE

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

Sample: 112934 - Cell 9

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	33374	Date Analyzed:	2007-01-04	Analyzed By:	JS
Prep Batch:	28989	Sample Preparation:	2007-01-02	Prepared By:	JS

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		75.0	mg/Kg as CaCo3	1	4.00
Total Alkalinity		75.0	mg/Kg as CaCo3	1	4.00

Sample: 112934 - Cell 9

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	33297	Date Analyzed:	2007-01-02	Analyzed By:	KB
Prep Batch:	28944	Sample Preparation:	2007-01-02	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)		1.05	mg/Kg	1	1.00	105	87 - 110
4-Bromofluorobenzene (4-BFB)		1.08	mg/Kg	1	1.00	108	93 - 122

Sample: 112934 - Cell 9

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33304	Date Analyzed:	2007-01-03	Analyzed By:	WB
Prep Batch:	28951	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		29.6	mg/Kg	5	1.00

Sample: 112934 - Cell 9

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	33307	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28941	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		819	μMHOS/cm	1	0.00

Sample: 112934 - Cell 9

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	33317	Date Analyzed:	2007-01-02	Analyzed By:	JS
Prep Batch:	28959	Sample Preparation:	2007-01-02	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		8.50	s.u.	1	0.00

Sample: 112934 - Cell 9

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	33435	Date Analyzed:	2007-01-07	Analyzed By:	TP
Prep Batch:	29019	Sample Preparation:	2007-01-04	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		33400	mg/Kg	10	0.500
Total Magnesium		2470	mg/Kg	1	0.500
Total Potassium		1380	mg/Kg	1	0.500
Total Sodium		604	mg/Kg	1	0.500

Sample: 112934 - Cell 9

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33304	Date Analyzed:	2007-01-03	Analyzed By:	WB
Prep Batch:	28951	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		254	mg/Kg	5	2.00

Sample: 112934 - Cell 9

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	33372	Date Analyzed:	2007-01-04	Analyzed By:	RR
Prep Batch:	28984	Sample Preparation:	2007-01-03	Prepared By:	TS
		TCLP Extraction:	2007-01-03	Prepared By:	TS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	33380	Date Analyzed:	2007-01-04	Analyzed By:	TP
Prep Batch:	29008	Sample Preparation:		Prepared By:	TP
		TCLP Extraction:	2007-01-04	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		1.97	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500

continued...

sample 112934 continued...

Parameter	Flag	RL Result	Units	Dilution	RL
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: 112934 - Cell 9

Analysis: TPH 418.1 Analytical Method: E 418.1 Prep Method: N/A
QC Batch: 33334 Date Analyzed: 2007-01-03 Analyzed By: SE
Prep Batch: 28974 Sample Preparation: 2007-01-03 Prepared By: SE

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

Sample: 112935 - Cell 8

Analysis: Alkalinity Analytical Method: SM 2320B Prep Method: N/A
QC Batch: 33374 Date Analyzed: 2007-01-04 Analyzed By: JS
Prep Batch: 28989 Sample Preparation: 2007-01-02 Prepared By: JS

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: 112935 - Cell 8

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
QC Batch: 33297 Date Analyzed: 2007-01-02 Analyzed By: KB
Prep Batch: 28944 Sample Preparation: 2007-01-02 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)		1.05	mg/Kg	1	1.00	105	87 - 110
4-Bromofluorobenzene (4-BFB)		1.08	mg/Kg	1	1.00	108	93 - 122

Sample: 112935 - Cell 8

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33304	Date Analyzed:	2007-01-03	Analyzed By:	WB
Prep Batch:	28951	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		98.1	mg/Kg	5	1.00

Sample: 112935 - Cell 8

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	33307	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28941	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		2350	μMHOS/cm	1	0.00

Sample: 112935 - Cell 8

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	33317	Date Analyzed:	2007-01-02	Analyzed By:	JS
Prep Batch:	28959	Sample Preparation:	2007-01-02	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		8.02	s.u.	1	0.00

Sample: 112935 - Cell 8

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	33435	Date Analyzed:	2007-01-07	Analyzed By:	TP
Prep Batch:	29019	Sample Preparation:	2007-01-04	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		56000	mg/Kg	10	0.500
Total Magnesium		3480	mg/Kg	1	0.500
Total Potassium		1030	mg/Kg	1	0.500
Total Sodium		591	mg/Kg	1	0.500

Sample: 112935 - Cell 8

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33304	Date Analyzed:	2007-01-03	Analyzed By:	WB
Prep Batch:	28951	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		1290	mg/Kg	50	2.00

Sample: 112935 - Cell 8

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	33372	Date Analyzed:	2007-01-04	Analyzed By:	RR
Prep Batch:	28984	Sample Preparation:	2007-01-03	Prepared By:	TS
		TCLP Extraction:	2007-01-03	Prepared By:	TS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	33380	Date Analyzed:	2007-01-04	Analyzed By:	TP
Prep Batch:	29008	Sample Preparation:		Prepared By:	TP
		TCLP Extraction:	2007-01-04	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		1.44	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: 112935 - Cell 8

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	33334	Date Analyzed:	2007-01-03	Analyzed By:	SE
Prep Batch:	28974	Sample Preparation:	2007-01-03	Prepared By:	SE

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

Sample: 112936 - Cell 7

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	33374	Date Analyzed:	2007-01-04	Analyzed By:	JS
Prep Batch:	28989	Sample Preparation:	2007-01-02	Prepared By:	JS

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		60.0	mg/Kg as CaCo3	1	4.00
Total Alkalinity		60.0	mg/Kg as CaCo3	1	4.00

Sample: 112936 - Cell 7

Analysis: BTEX
QC Batch: 33297
Prep Batch: 28944

Analytical Method: S 8021B
Date Analyzed: 2007-01-02
Sample Preparation: 2007-01-02

Prep Method: S 5035
Analyzed By: KB
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	87 - 110
4-Bromofluorobenzene (4-BFB)		1.08	mg/Kg	1	1.00	108	93 - 122

Sample: 112936 - Cell 7

Analysis: Chloride (IC)
QC Batch: 33304
Prep Batch: 28951

Analytical Method: E 300.0
Date Analyzed: 2007-01-03
Sample Preparation: 2007-01-02

Prep Method: N/A
Analyzed By: WB
Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		278	mg/Kg	10	1.00

Sample: 112936 - Cell 7

Analysis: Conductivity
QC Batch: 33307
Prep Batch: 28941

Analytical Method: SM 2510B
Date Analyzed: 2007-01-02
Sample Preparation: 2007-01-02

Prep Method: N/A
Analyzed By: WB
Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		1420	µMHOS/cm	1	0.00

Sample: 112936 - Cell 7

Analysis: pH
QC Batch: 33317
Prep Batch: 28959

Analytical Method: SM 4500-H+
Date Analyzed: 2007-01-02
Sample Preparation: 2007-01-02

Prep Method: N/A
Analyzed By: JS
Prepared By: JS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		8.08	s.u.	1	0.00

Sample: 112936 - Cell 7

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	33435	Date Analyzed:	2007-01-07	Analyzed By:	TP
Prep Batch:	29019	Sample Preparation:	2007-01-04	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		45500	mg/Kg	10	0.500
Total Magnesium		3560	mg/Kg	1	0.500
Total Potassium		2190	mg/Kg	1	0.500
Total Sodium		495	mg/Kg	1	0.500

Sample: 112936 - Cell 7

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33304	Date Analyzed:	2007-01-03	Analyzed By:	WB
Prep Batch:	28951	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		163	mg/Kg	10	2.00

Sample: 112936 - Cell 7

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	33372	Date Analyzed:	2007-01-04	Analyzed By:	RR
Prep Batch:	28984	Sample Preparation:	2007-01-03	Prepared By:	TS
		TCLP Extraction:	2007-01-03	Prepared By:	TS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	33380	Date Analyzed:	2007-01-04	Analyzed By:	TP
Prep Batch:	29008	Sample Preparation:		Prepared By:	TP
		TCLP Extraction:	2007-01-04	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		2.16	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: 112936 - Cell 7

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	33334	Date Analyzed:	2007-01-03	Analyzed By:	SE
Prep Batch:	28974	Sample Preparation:	2007-01-03	Prepared By:	SE

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

Sample: 112937 - Cell 6

Analysis: Alkalinity	Analytical Method: SM 2320B	Prep Method: N/A
QC Batch: 33374	Date Analyzed: 2007-01-04	Analyzed By: JS
Prep Batch: 28989	Sample Preparation: 2007-01-02	Prepared By: JS

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		82.0	mg/Kg as CaCo3	1	4.00
Total Alkalinity		82.0	mg/Kg as CaCo3	1	4.00

Sample: 112937 - Cell 6

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5035
QC Batch: 33297	Date Analyzed: 2007-01-02	Analyzed By: KB
Prep Batch: 28944	Sample Preparation: 2007-01-02	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)		1.05	mg/Kg	1	1.00	105	87 - 110
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	1	1.00	104	93 - 122

Sample: 112937 - Cell 6

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 33304	Date Analyzed: 2007-01-03	Analyzed By: WB
Prep Batch: 28951	Sample Preparation: 2007-01-02	Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		183	mg/Kg	5	1.00

Sample: 112937 - Cell 6

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	33307	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28941	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		1760	μ MHOS/cm	1	0.00

Sample: 112937 - Cell 6

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	33317	Date Analyzed:	2007-01-02	Analyzed By:	JS
Prep Batch:	28959	Sample Preparation:	2007-01-02	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		8.10	s.u.	1	0.00

Sample: 112937 - Cell 6

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	33435	Date Analyzed:	2007-01-07	Analyzed By:	TP
Prep Batch:	29019	Sample Preparation:	2007-01-04	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		7060	mg/Kg	1	0.500
Total Magnesium		2780	mg/Kg	1	0.500
Total Potassium		2420	mg/Kg	1	0.500
Total Sodium		721	mg/Kg	1	0.500

Sample: 112937 - Cell 6

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33304	Date Analyzed:	2007-01-03	Analyzed By:	WB
Prep Batch:	28951	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		480	mg/Kg	10	2.00

Sample: 112937 - Cell 6

Analysis: TCLP Total 8 Metals
QC Batch: 33372
Prep Batch: 28984

Analytical Method: S 6010B
Date Analyzed: 2007-01-04
Sample Preparation: 2007-01-03
TCLP Extraction: 2007-01-03
Analytical Method: S 7470A
Date Analyzed: 2007-01-04
Sample Preparation: 2007-01-04
TCLP Extraction: 2007-01-04

Prep Method: TCLP 1311
Analyzed By: RR
Prepared By: TS
Prepared By: TS
Prep Method: TCLP 1311
Analyzed By: TP
Prepared By: TP
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		1.38	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: 112937 - Cell 6

Analysis: TPH 418.1
QC Batch: 33334
Prep Batch: 28974

Analytical Method: E 418.1
Date Analyzed: 2007-01-03
Sample Preparation: 2007-01-03

Prep Method: N/A
Analyzed By: SE
Prepared By: SE

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

Sample: 112938 - Cell 5

Analysis: Alkalinity
QC Batch: 33374
Prep Batch: 28989

Analytical Method: SM 2320B
Date Analyzed: 2007-01-04
Sample Preparation: 2007-01-02

Prep Method: N/A
Analyzed By: JS
Prepared By: JS

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		86.0	mg/Kg as CaCo3	1	4.00
Total Alkalinity		86.0	mg/Kg as CaCo3	1	4.00

Sample: 112938 - Cell 5

Analysis: BTEX
QC Batch: 33297
Prep Batch: 28944

Analytical Method: S 8021B
Date Analyzed: 2007-01-02
Sample Preparation: 2007-01-02

Prep Method: S 5035
Analyzed By: KB
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	87 - 110
4-Bromofluorobenzene (4-BFB)		1.08	mg/Kg	1	1.00	108	93 - 122

Sample: 112938 - Cell 5

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 33304	Date Analyzed: 2007-01-03	Analyzed By: WB
Prep Batch: 28951	Sample Preparation: 2007-01-02	Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		35.0	mg/Kg	5	1.00

Sample: 112938 - Cell 5

Analysis: Conductivity	Analytical Method: SM 2510B	Prep Method: N/A
QC Batch: 33307	Date Analyzed: 2007-01-02	Analyzed By: WB
Prep Batch: 28941	Sample Preparation: 2007-01-02	Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		711	μMHOS/cm	1	0.00

Sample: 112938 - Cell 5

Analysis: pH	Analytical Method: SM 4500-H+	Prep Method: N/A
QC Batch: 33317	Date Analyzed: 2007-01-02	Analyzed By: JS
Prep Batch: 28959	Sample Preparation: 2007-01-02	Prepared By: JS

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

Sample: 112938 - Cell 5

Analysis: Salts, Total	Analytical Method: S 6010B	Prep Method: S 3050B
QC Batch: 33435	Date Analyzed: 2007-01-07	Analyzed By: TP
Prep Batch: 29019	Sample Preparation: 2007-01-04	Prepared By: TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		43200	mg/Kg	10	0.500
Total Magnesium		2300	mg/Kg	1	0.500
Total Potassium		1650	mg/Kg	1	0.500
Total Sodium		328	mg/Kg	1	0.500

Sample: 112938 - Cell 5

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33304	Date Analyzed:	2007-01-03	Analyzed By:	WB
Prep Batch:	28951	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		176	mg/Kg	5	2.00

Sample: 112938 - Cell 5

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	33372	Date Analyzed:	2007-01-04	Analyzed By:	RR
Prep Batch:	28984	Sample Preparation:	2007-01-03	Prepared By:	TS
		TCLP Extraction:	2007-01-03	Prepared By:	TS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	33380	Date Analyzed:	2007-01-04	Analyzed By:	TP
Prep Batch:	29008	Sample Preparation:		Prepared By:	TP
		TCLP Extraction:	2007-01-04	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		1.57	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: 112938 - Cell 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	33334	Date Analyzed:	2007-01-03	Analyzed By:	SE
Prep Batch:	28974	Sample Preparation:	2007-01-03	Prepared By:	SE

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

Sample: 112939 - Cell 4

Analysis: Alkalinity	Analytical Method: SM 2320B	Prep Method: N/A
QC Batch: 33374	Date Analyzed: 2007-01-04	Analyzed By: JS
Prep Batch: 28989	Sample Preparation: 2007-01-02	Prepared By: JS

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		106	mg/Kg as CaCo3	1	4.00
Total Alkalinity		106	mg/Kg as CaCo3	1	4.00

Sample: 112939 - Cell 4

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5035
QC Batch: 33297	Date Analyzed: 2007-01-02	Analyzed By: KB
Prep Batch: 28944	Sample Preparation: 2007-01-02	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	87 - 110
4-Bromofluorobenzene (4-BFB)		1.06	mg/Kg	1	1.00	106	93 - 122

Sample: 112939 - Cell 4

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 33305	Date Analyzed: 2007-01-03	Analyzed By: WB
Prep Batch: 28952	Sample Preparation: 2007-01-02	Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		26.1	mg/Kg	5	1.00

Sample: 112939 - Cell 4

Analysis: Conductivity	Analytical Method: SM 2510B	Prep Method: N/A
QC Batch: 33307	Date Analyzed: 2007-01-02	Analyzed By: WB
Prep Batch: 28941	Sample Preparation: 2007-01-02	Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		762	μMHOS/cm	1	0.00

Sample: 112939 - Cell 4

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	33317	Date Analyzed:	2007-01-02	Analyzed By:	JS
Prep Batch:	28959	Sample Preparation:	2007-01-02	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		8.90	s.u.	1	0.00

Sample: 112939 - Cell 4

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	33435	Date Analyzed:	2007-01-07	Analyzed By:	TP
Prep Batch:	29019	Sample Preparation:	2007-01-04	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		17000	mg/Kg	10	0.500
Total Magnesium		2620	mg/Kg	1	0.500
Total Potassium		1520	mg/Kg	1	0.500
Total Sodium		784	mg/Kg	1	0.500

Sample: 112939 - Cell 4

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33305	Date Analyzed:	2007-01-03	Analyzed By:	WB
Prep Batch:	28952	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		202	mg/Kg	5	2.00

Sample: 112939 - Cell 4

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	33372	Date Analyzed:	2007-01-04	Analyzed By:	RR
Prep Batch:	28984	Sample Preparation:	2007-01-03	Prepared By:	TS

		TCLP Extraction:	2007-01-03	Prepared By:	TS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	33380	Date Analyzed:	2007-01-04	Analyzed By:	TP
Prep Batch:	29008	Sample Preparation:		Prepared By:	TP
		TCLP Extraction:	2007-01-04	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		1.83	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500

continued...

sample 112939 continued...

Parameter	Flag	RL Result	Units	Dilution	RL
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: 112939 - Cell 4

Analysis: TPH 418.1	Analytical Method: E 418.1	Prep Method: N/A
QC Batch: 33334	Date Analyzed: 2007-01-03	Analyzed By: SE
Prep Batch: 28974	Sample Preparation: 2007-01-03	Prepared By: SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		17.8	mg/Kg	1	10.0

Sample: 112940 - Cell 3

Analysis: Alkalinity	Analytical Method: SM 2320B	Prep Method: N/A
QC Batch: 33374	Date Analyzed: 2007-01-04	Analyzed By: JS
Prep Batch: 28989	Sample Preparation: 2007-01-02	Prepared By: JS

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		57.0	mg/Kg as CaCo3	1	4.00
Total Alkalinity		57.0	mg/Kg as CaCo3	1	4.00

Sample: 112940 - Cell 3

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5035
QC Batch: 33297	Date Analyzed: 2007-01-02	Analyzed By: KB
Prep Batch: 28944	Sample Preparation: 2007-01-02	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	1.11	mg/Kg	1	1.00	111	87 - 110

continued...

¹High surrogate recovery. Sample non-detect, result bias high.

sample continued ...

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-Bromofluorobenzene (4-BFB)		1.12	mg/Kg	1	1.00	112	93 - 122

Sample: 112940 - Cell 3

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33305	Date Analyzed:	2007-01-03	Analyzed By:	WB
Prep Batch:	28952	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		10.5	mg/Kg	5	1.00

Sample: 112940 - Cell 3

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	33307	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28941	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		524	μMHOS/cm	1	0.00

Sample: 112940 - Cell 3

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	33317	Date Analyzed:	2007-01-02	Analyzed By:	JS
Prep Batch:	28959	Sample Preparation:	2007-01-02	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		8.48	s.u.	1	0.00

Sample: 112940 - Cell 3

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	33435	Date Analyzed:	2007-01-07	Analyzed By:	TP
Prep Batch:	29019	Sample Preparation:	2007-01-04	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		8510	mg/Kg	1	0.500
Total Magnesium		2000	mg/Kg	1	0.500
Total Potassium		1300	mg/Kg	1	0.500
Total Sodium		332	mg/Kg	1	0.500

Sample: 112940 - Cell 3

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33305	Date Analyzed:	2007-01-03	Analyzed By:	WB
Prep Batch:	28952	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		196	mg/Kg	5	2.00

Sample: 112940 - Cell 3

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	33372	Date Analyzed:	2007-01-04	Analyzed By:	RR
Prep Batch:	28984	Sample Preparation:	2007-01-03	Prepared By:	TS
		TCLP Extraction:	2007-01-03	Prepared By:	TS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	33381	Date Analyzed:	2007-01-04	Analyzed By:	TP
Prep Batch:	29010	Sample Preparation:		Prepared By:	TP
		TCLP Extraction:	2007-01-04	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		1.79	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: 112940 - Cell 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	33334	Date Analyzed:	2007-01-03	Analyzed By:	SE
Prep Batch:	28974	Sample Preparation:	2007-01-03	Prepared By:	SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		17.7	mg/Kg	1	10.0

Sample: 112941 - Cell 2

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	33375	Date Analyzed:	2007-01-04	Analyzed By:	JS
Prep Batch:	28990	Sample Preparation:	2007-01-02	Prepared By:	JS

continued...

sample 112941 continued...

Parameter	Flag	RL Result	Units	Dilution	RL
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		50.0	mg/Kg as CaCo3	1	4.00
Total Alkalinity		50.0	mg/Kg as CaCo3	1	4.00

Sample: 112941 - Cell 2

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
QC Batch: 33297 Date Analyzed: 2007-01-02 Analyzed By: KB
Prep Batch: 28944 Sample Preparation: 2007-01-02 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	87 - 110
4-Bromofluorobenzene (4-BFB)		1.07	mg/Kg	1	1.00	107	93 - 122

Sample: 112941 - Cell 2

Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
QC Batch: 33305 Date Analyzed: 2007-01-03 Analyzed By: WB
Prep Batch: 28952 Sample Preparation: 2007-01-02 Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		118	mg/Kg	5	1.00

Sample: 112941 - Cell 2

Analysis: Conductivity Analytical Method: SM 2510B Prep Method: N/A
QC Batch: 33307 Date Analyzed: 2007-01-02 Analyzed By: WB
Prep Batch: 28941 Sample Preparation: 2007-01-02 Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		925	µMHOS/cm	1	0.00

Sample: 112941 - Cell 2

Analysis: pH	Analytical Method: SM 4500-H+	Prep Method: N/A
QC Batch: 33317	Date Analyzed: 2007-01-02	Analyzed By: JS
Prep Batch: 28959	Sample Preparation: 2007-01-02	Prepared By: JS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		8.01	s.u.	1	0.00

Sample: 112941 - Cell 2

Analysis: Salts, Total	Analytical Method: S 6010B	Prep Method: S 3050B
QC Batch: 33435	Date Analyzed: 2007-01-07	Analyzed By: TP
Prep Batch: 29019	Sample Preparation: 2007-01-04	Prepared By: TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		11600	mg/Kg	10	0.500
Total Magnesium		2400	mg/Kg	1	0.500
Total Potassium		2180	mg/Kg	1	0.500
Total Sodium		371	mg/Kg	1	0.500

Sample: 112941 - Cell 2

Analysis: SO4 (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 33305	Date Analyzed: 2007-01-03	Analyzed By: WB
Prep Batch: 28952	Sample Preparation: 2007-01-02	Prepared By: WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		213	mg/Kg	5	2.00

Sample: 112941 - Cell 2

Analysis: TCLP Total 8 Metals	Analytical Method: S 6010B	Prep Method: TCLP 1311
QC Batch: 33372	Date Analyzed: 2007-01-04	Analyzed By: RR
Prep Batch: 28984	Sample Preparation: 2007-01-03	Prepared By: TS
	TCLP Extraction: 2007-01-03	Prepared By: TS
Analysis: TCLP Total 8 Metals	Analytical Method: S 7470A	Prep Method: TCLP 1311
QC Batch: 33381	Date Analyzed: 2007-01-04	Analyzed By: TP
Prep Batch: 29010	Sample Preparation: 2007-01-04	Prepared By: TP
	TCLP Extraction: 2007-01-04	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		2.14	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500

continued ...

sample 112941 continued...

Parameter	Flag	RL Result	Units	Dilution	RL
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: 112941 - Cell 2

Analysis: TPH 418.1 Analytical Method: E 418.1 Prep Method: N/A
QC Batch: 33334 Date Analyzed: 2007-01-03 Analyzed By: SE
Prep Batch: 28974 Sample Preparation: 2007-01-03 Prepared By: SE

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		33.6	mg/Kg	1	10.0

Sample: 112942 - Cell 1

Analysis: Alkalinity Analytical Method: SM 2320B Prep Method: N/A
QC Batch: 33375 Date Analyzed: 2007-01-04 Analyzed By: JS
Prep Batch: 28990 Sample Preparation: 2007-01-02 Prepared By: JS

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		70.0	mg/Kg as CaCo3	1	4.00
Total Alkalinity		70.0	mg/Kg as CaCo3	1	4.00

Sample: 112942 - Cell 1

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
QC Batch: 33297 Date Analyzed: 2007-01-02 Analyzed By: KB
Prep Batch: 28944 Sample Preparation: 2007-01-02 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	87 - 110
4-Bromofluorobenzene (4-BFB)		1.07	mg/Kg	1	1.00	107	93 - 122

Sample: 112942 - Cell 1

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33305	Date Analyzed:	2007-01-03	Analyzed By:	WB
Prep Batch:	28952	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		213	mg/Kg	5	1.00

Sample: 112942 - Cell 1

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	33308	Date Analyzed:	2007-01-02	Analyzed By:	WB
Prep Batch:	28942	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		1720	μ MHOS/cm	1	0.00

Sample: 112942 - Cell 1

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	33319	Date Analyzed:	2007-01-02	Analyzed By:	JS
Prep Batch:	28960	Sample Preparation:	2007-01-02	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		8.13	s.u.	1	0.00

Sample: 112942 - Cell 1

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	33436	Date Analyzed:	2007-01-07	Analyzed By:	TP
Prep Batch:	29020	Sample Preparation:	2007-01-04	Prepared By:	TS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		66400	mg/Kg	10	0.500
Total Magnesium		2520	mg/Kg	1	0.500
Total Potassium		1630	mg/Kg	1	0.500
Total Sodium		679	mg/Kg	1	0.500

Sample: 112942 - Cell 1

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	33305	Date Analyzed:	2007-01-03	Analyzed By:	WB
Prep Batch:	28952	Sample Preparation:	2007-01-02	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		438	mg/Kg	10	2.00

Sample: 112942 - Cell 1

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	33372	Date Analyzed:	2007-01-04	Analyzed By:	RR
Prep Batch:	28984	Sample Preparation:	2007-01-03	Prepared By:	TS
		TCLP Extraction:	2007-01-03	Prepared By:	TS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	33381	Date Analyzed:	2007-01-04	Analyzed By:	TP
Prep Batch:	29010	Sample Preparation:		Prepared By:	TP
		TCLP Extraction:	2007-01-04	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: 112942 - Cell 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	33334	Date Analyzed:	2007-01-03	Analyzed By:	SE
Prep Batch:	28974	Sample Preparation:	2007-01-03	Prepared By:	SE

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

Method Blank (1) QC Batch: 33297

QC Batch:	33297	Date Analyzed:	2007-01-02	Analyzed By:	KB
Prep Batch:	28944	QC Preparation:	2007-01-02	Prepared By:	KB

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000644	mg/Kg	0.01
Toluene		<0.00194	mg/Kg	0.01
Ethylbenzene		<0.00347	mg/Kg	0.01
Xylene		<0.00340	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.936	mg/Kg	1	1.00	94	73.8 - 102
4-Bromofluorobenzene (4-BFB)		0.903	mg/Kg	1	1.00	90	68.4 - 100

Matrix Blank (1) QC Batch: 33302

QC Batch: 33302 Date Analyzed: 2007-01-02 Analyzed By: WB
Prep Batch: 28949 QC Preparation: 2007-01-02 Prepared By: JS

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.0222	mg/Kg	1

Matrix Blank (1) QC Batch: 33302

QC Batch: 33302 Date Analyzed: 2007-01-02 Analyzed By: WB
Prep Batch: 28949 QC Preparation: 2007-01-02 Prepared By: JS

Parameter	Flag	MDL Result	Units	RL
Sulfate		<0.0581	mg/Kg	2

Matrix Blank (1) QC Batch: 33303

QC Batch: 33303 Date Analyzed: 2007-01-02 Analyzed By: WB
Prep Batch: 28950 QC Preparation: 2007-01-02 Prepared By: JS

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.0222	mg/Kg	1

Matrix Blank (1) QC Batch: 33303

QC Batch: 33303 Date Analyzed: 2007-01-02 Analyzed By: WB
Prep Batch: 28950 QC Preparation: 2007-01-02 Prepared By: JS

Parameter	Flag	MDL Result	Units	RL
Sulfate		<0.0581	mg/Kg	2

Matrix Blank (1) QC Batch: 33304

QC Batch: 33304 Date Analyzed: 2007-01-03 Analyzed By: WB
Prep Batch: 28951 QC Preparation: 2007-01-02 Prepared By: JS

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.0222	mg/Kg	1

Matrix Blank (1) QC Batch: 33304

QC Batch: 33304
Prep Batch: 28951

Date Analyzed: 2007-01-03
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Parameter	Flag	MDL Result	Units	RL
Sulfate		<0.0581	mg/Kg	2

Matrix Blank (1) QC Batch: 33305

QC Batch: 33305
Prep Batch: 28952

Date Analyzed: 2007-01-03
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.0222	mg/Kg	1

Matrix Blank (1) QC Batch: 33305

QC Batch: 33305
Prep Batch: 28952

Date Analyzed: 2007-01-03
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Parameter	Flag	MDL Result	Units	RL
Sulfate		<0.0581	mg/Kg	2

Method Blank (1) QC Batch: 33306

QC Batch: 33306
Prep Batch: 28939

Date Analyzed: 2007-01-02
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Parameter	Flag	MDL Result	Units	RL
Specific Conductance		3.79	μ MHOS/cm	

Method Blank (1) QC Batch: 33307

QC Batch: 33307
Prep Batch: 28941

Date Analyzed: 2007-01-02
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Parameter	Flag	MDL Result	Units	RL
Specific Conductance		3.68	μ MHOS/cm	

Method Blank (1) QC Batch: 33308

QC Batch: 33308 Date Analyzed: 2007-01-02 Analyzed By: WB
Prep Batch: 28942 QC Preparation: 2007-01-02 Prepared By: JS

Parameter	Flag	MDL Result	Units	RL
Specific Conductance		3.93	μ MHOS/cm	

Method Blank (1) QC Batch: 33332

QC Batch: 33332 Date Analyzed: 2007-01-03 Analyzed By: MT
Prep Batch: 28972 QC Preparation: 2007-01-03 Prepared By: MT

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000644	mg/Kg	0.01
Toluene		<0.00194	mg/Kg	0.01
Ethylbenzene		<0.00347	mg/Kg	0.01
Xylene		<0.00340	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.929	mg/Kg	1	1.00	93	73.8 - 102
4-Bromofluorobenzene (4-BFB)		0.917	mg/Kg	1	1.00	92	68.4 - 100

Method Blank (1) QC Batch: 33334

QC Batch: 33334 Date Analyzed: 2007-01-03 Analyzed By: SE
Prep Batch: 28974 QC Preparation: 2007-01-03 Prepared By: SE

Parameter	Flag	MDL Result	Units	RL
TRPHC		<5.91	mg/Kg	10

Method Blank (1) QC Batch: 33366

QC Batch: 33366 Date Analyzed: 2007-01-04 Analyzed By: RR
Prep Batch: 28980 QC Preparation: 2007-01-03 Prepared By: TS

Parameter	Flag	MDL Result	Units	RL
TCLP Silver		<0.00780	mg/L	0.125
TCLP Arsenic		<0.0590	mg/L	0.1

continued ...

method blank continued...

Parameter	Flag	MDL Result	Units	RL
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: 33369

QC Batch: 33369
Prep Batch: 28984

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-03

Analyzed By: RR
Prepared By: TS

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: 33372

QC Batch: 33372
Prep Batch: 28984

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-03

Analyzed By: RR
Prepared By: TS

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: 33373

QC Batch: 33373
Prep Batch: 28988

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-02

Analyzed By: JS
Prepared By: JS

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		14.0	mg/Kg as CaCo3	4

continued...

method blank continued ...

Parameter	Flag	MDL Result	Units	RL
Total Alkalinity		14.0	mg/Kg as CaCo3	4

Method Blank (1) QC Batch: 33374

QC Batch: 33374
Prep Batch: 28989

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-02

Analyzed By: JS
Prepared By: JS

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		14.0	mg/Kg as CaCo3	4
Total Alkalinity		14.0	mg/Kg as CaCo3	4

Method Blank (1) QC Batch: 33375

QC Batch: 33375
Prep Batch: 28990

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-02

Analyzed By: JS
Prepared By: JS

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		28.0	mg/Kg as CaCo3	4
Total Alkalinity		28.0	mg/Kg as CaCo3	4

Method Blank (1) QC Batch: 33379

QC Batch: 33379
Prep Batch: 29008

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-04

Analyzed By: TP
Prepared By: TP

Parameter	Flag	MDL Result	Units	RL
TCLP Mercury		<0.0000360	mg/L	0.0005

Method Blank (1) QC Batch: 33380

QC Batch: 33380
Prep Batch: 29008

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-04

Analyzed By: TP
Prepared By: TP

Parameter	Flag	MDL Result	Units	RL
TCLP Mercury		<0.0000360	mg/L	0.0005

Method Blank (1) QC Batch: 33381

QC Batch: 33381
Prep Batch: 29010

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-04

Analyzed By: TP
Prepared By: TP

Parameter	Flag	MDL Result	Units	RL
TCLP Mercury		<0.0000360	mg/L	0.0005

Method Blank (1) QC Batch: 33434

QC Batch: 33434
Prep Batch: 29019

Date Analyzed: 2007-01-06
QC Preparation: 2007-01-04

Analyzed By: TP
Prepared By: TS

Parameter	Flag	MDL Result	Units	RL
Total Calcium		230	mg/Kg	0.5
Total Magnesium		25.9	mg/Kg	0.5
Total Potassium		<0.354	mg/Kg	0.5
Total Sodium		413	mg/Kg	0.5

Method Blank (1) QC Batch: 33435

QC Batch: 33435
Prep Batch: 29019

Date Analyzed: 2007-01-07
QC Preparation: 2007-01-04

Analyzed By: TP
Prepared By: TS

Parameter	Flag	MDL Result	Units	RL
Total Calcium		230	mg/Kg	0.5
Total Magnesium		25.9	mg/Kg	0.5
Total Potassium		<0.354	mg/Kg	0.5
Total Sodium		413	mg/Kg	0.5

Method Blank (1) QC Batch: 33436

QC Batch: 33436
Prep Batch: 29020

Date Analyzed: 2007-01-07
QC Preparation: 2007-01-04

Analyzed By: TP
Prepared By: TS

Parameter	Flag	MDL Result	Units	RL
Total Calcium		165	mg/Kg	0.5
Total Magnesium		17.9	mg/Kg	0.5
Total Potassium		<0.354	mg/Kg	0.5
Total Sodium		313	mg/Kg	0.5

Duplicates (1)

QC Batch: 33306
Prep Batch: 28939

Date Analyzed: 2007-01-02
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Specific Conductance	243	240	μ MHOS/cm	1	1	2.5

Duplicates (1)

QC Batch: 33307 Date Analyzed: 2007-01-02 Analyzed By: WB
Prep Batch: 28941 QC Preparation: 2007-01-02 Prepared By: JS

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Specific Conductance	952	925	μ MHOS/cm	1	3	2.5

Duplicates (1)

QC Batch: 33308 Date Analyzed: 2007-01-02 Analyzed By: WB
Prep Batch: 28942 QC Preparation: 2007-01-02 Prepared By: JS

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Specific Conductance	1700	1720	μ MHOS/cm	1	1	2.5

Duplicates (1)

QC Batch: 33315 Date Analyzed: 2007-01-02 Analyzed By: JS
Prep Batch: 28957 QC Preparation: 2007-01-02 Prepared By: JS

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
pH	9.42	9.35	s.u.	1	1	5

Duplicates (1)

QC Batch: 33317 Date Analyzed: 2007-01-02 Analyzed By: JS
Prep Batch: 28959 QC Preparation: 2007-01-02 Prepared By: JS

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
pH	8.18	8.21	s.u.	1	0	5

Duplicates (1)

QC Batch: 33319 Date Analyzed: 2007-01-02 Analyzed By: JS
Prep Batch: 28960 QC Preparation: 2007-01-02 Prepared By: JS

continued...

<i>duplicate continued ...</i>					
Param	Duplicate Result	Sample Result	Units	Dilution	RPD Limit
Param	Duplicate Result	Sample Result	Units	Dilution	RPD Limit
pH	8.16	8.13	s.u.	1	0 5

Duplicates (1)

QC Batch: 33373
Prep Batch: 28988

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-02

Analyzed By: JS
Prepared By: JS

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Hydroxide Alkalinity	<1.00	<1.00	mg/Kg as CaCo3	1	0	20
Carbonate Alkalinity	<1.00	<1.00	mg/Kg as CaCo3	1	0	20
Bicarbonate Alkalinity	53.0	53.0	mg/Kg as CaCo3	1	0	20
Total Alkalinity	53.0	53.0	mg/Kg as CaCo3	1	0	20

Duplicates (1)

QC Batch: 33374
Prep Batch: 28989

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-02

Analyzed By: JS
Prepared By: JS

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Hydroxide Alkalinity	<1.00	<1.00	mg/Kg as CaCo3	1	0	20
Carbonate Alkalinity	<1.00	<1.00	mg/Kg as CaCo3	1	0	20
Bicarbonate Alkalinity	53.0	57.0	mg/Kg as CaCo3	1	7	20
Total Alkalinity	53.0	57.0	mg/Kg as CaCo3	1	7	20

Duplicates (1)

QC Batch: 33375
Prep Batch: 28990

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-02

Analyzed By: JS
Prepared By: JS

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Hydroxide Alkalinity	<1.00	<1.00	mg/Kg as CaCo3	1	0	20
Carbonate Alkalinity	<1.00	<1.00	mg/Kg as CaCo3	1	0	20
Bicarbonate Alkalinity	50.0	50.0	mg/Kg as CaCo3	1	0	20
Total Alkalinity	50.0	50.0	mg/Kg as CaCo3	1	0	20

Laboratory Control Spike (LCS-1)

QC Batch: 33297
Prep Batch: 28944

Date Analyzed: 2007-01-02
QC Preparation: 2007-01-02

Analyzed By: KB
Prepared By: KB

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.902	mg/Kg	1	1.00	<0.000644	90	76.4 - 116
Toluene	0.913	mg/Kg	1	1.00	<0.00194	91	76.8 - 115
Ethylbenzene	0.938	mg/Kg	1	1.00	<0.00347	94	75.8 - 116
Xylene	2.91	mg/Kg	1	3.00	<0.00340	97	76.1 - 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
Benzene	0.914	mg/Kg	1	1.00	<0.000644	91	76.4 - 116	1	20
Toluene	0.922	mg/Kg	1	1.00	<0.00194	92	76.8 - 115	1	20
Ethylbenzene	0.948	mg/Kg	1	1.00	<0.00347	95	75.8 - 116	1	20
Xylene	2.94	mg/Kg	1	3.00	<0.00340	98	76.1 - 116	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)	0.997	1.00	mg/Kg	1	1.00	100	100	80.4 - 114
4-Bromofluorobenzene (4-BFB)	1.02	1.03	mg/Kg	1	1.00	102	103	83.3 - 113

Laboratory Control Spike (LCS-1)

QC Batch: 33302
Prep Batch: 28949

Date Analyzed: 2007-01-02
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	12.3	mg/Kg	1	12.5	<0.0222	98	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	12.8	mg/Kg	1	12.5	<0.0222	102	90 - 110	4	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: 33302
Prep Batch: 28949

Date Analyzed: 2007-01-02
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Sulfate	12.7	mg/Kg	1	12.5	<0.0581	102	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	12.5	mg/Kg	1	12.5	<0.0581	100	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: 33303
Prep Batch: 28950

Date Analyzed: 2007-01-02
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	12.5	mg/Kg	1	12.5	<0.0222	100	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	12.6	mg/Kg	1	12.5	<0.0222	101	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: 33303
Prep Batch: 28950

Date Analyzed: 2007-01-02
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Sulfate	12.6	mg/Kg	1	12.5	<0.0581	101	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	12.5	mg/Kg	1	12.5	<0.0581	100	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: 33304
Prep Batch: 28951

Date Analyzed: 2007-01-03
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	12.4	mg/Kg	2	12.5	<0.0444	100	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	12.6	mg/Kg	2	12.5	<0.0444	101	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: 33304
Prep Batch: 28951

Date Analyzed: 2007-01-03
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Sulfate	12.7	mg/Kg	2	12.5	<0.116	101	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	12.6	mg/Kg	2	12.5	<0.116	101	90 - 110	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: 33305
Prep Batch: 28952

Date Analyzed: 2007-01-03
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	12.6	mg/Kg	1	12.5	<0.0222	101	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	12.6	mg/Kg	1	12.5	<0.0222	101	90 - 110	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: 33305
Prep Batch: 28952

Date Analyzed: 2007-01-03
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Sulfate	12.8	mg/Kg	1	12.5	<0.0581	102	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	12.9	mg/Kg	1	12.5	<0.0581	103	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: 33332
Prep Batch: 28972

Date Analyzed: 2007-01-03
QC Preparation: 2007-01-03

Analyzed By: MT
Prepared By: MT

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.867	mg/Kg	1	1.00	<0.000644	87	76.4 - 116

continued...

control spikes continued...

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Toluene	0.866	mg/Kg	1	1.00	<0.00194	87	76.8 - 115
Ethylbenzene	0.890	mg/Kg	1	1.00	<0.00347	89	75.8 - 116
Xylene	2.78	mg/Kg	1	3.00	<0.00340	93	76.1 - 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
Benzene	0.842	mg/Kg	1	1.00	<0.000644	84	76.4 - 116	3	20
Toluene	0.837	mg/Kg	1	1.00	<0.00194	84	76.8 - 115	3	20
Ethylbenzene	0.860	mg/Kg	1	1.00	<0.00347	86	75.8 - 116	3	20
Xylene	2.68	mg/Kg	1	3.00	<0.00340	89	76.1 - 116	4	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)	0.999	1.03	mg/Kg	1	1.00	100	103	80.4 - 114
4-Bromofluorobenzene (4-BFB)	1.03	1.00	mg/Kg	1	1.00	103	100	83.3 - 113

Laboratory Control Spike (LCS-1)

QC Batch: 33334
Prep Batch: 28974

Date Analyzed: 2007-01-03
QC Preparation: 2007-01-03

Analyzed By: SE
Prepared By: SE

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TRPHC	250	mg/Kg	1	250	<5.91	100	86 - 118

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	250	mg/Kg	1	250	<5.91	100	86 - 118	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: 33366
Prep Batch: 28980

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-03

Analyzed By: RR
Prepared By: TS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TCLP Silver	1.26	mg/L	1	1.25	<0.00780	101	85 - 115
TCLP Arsenic	5.34	mg/L	1	5.00	<0.0590	107	81.2 - 113
TCLP Barium	10.2	mg/L	1	10.0	<0.00340	102	85.1 - 117
TCLP Cadmium	2.58	mg/L	1	2.50	<0.00270	103	88.9 - 105
TCLP Chromium	1.10	mg/L	1	1.00	<0.00660	110	89.5 - 112
TCLP Lead	5.05	mg/L	1	5.00	<0.0370	101	84.9 - 107
TCLP Selenium	4.90	mg/L	1	5.00	<0.100	98	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	1.24	mg/L	1	1.25	<0.00780	99	85 - 115	2	20
TCLP Arsenic	5.19	mg/L	1	5.00	<0.0590	104	81.2 - 113	3	20
TCLP Barium	9.93	mg/L	1	10.0	<0.00340	99	85.1 - 117	3	20
TCLP Cadmium	2.51	mg/L	1	2.50	<0.00270	100	88.9 - 105	3	20
TCLP Chromium	1.08	mg/L	1	1.00	<0.00660	108	89.5 - 112	2	20
TCLP Lead	4.95	mg/L	1	5.00	<0.0370	99	84.9 - 107	2	20
TCLP Selenium	4.70	mg/L	1	5.00	<0.100	94	80.2 - 98.7	4	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: 33369
Prep Batch: 28984

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-03

Analyzed By: RR
Prepared By: TS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TCLP Silver	1.26	mg/L	1	1.25	<0.00780	101	85 - 115
TCLP Arsenic	5.34	mg/L	1	5.00	<0.0590	107	81.2 - 113
TCLP Barium	10.2	mg/L	1	10.0	<0.00340	102	85.1 - 117
TCLP Cadmium	2.58	mg/L	1	2.50	<0.00270	103	88.9 - 105
TCLP Chromium	1.10	mg/L	1	1.00	<0.00660	110	89.5 - 112
TCLP Lead	5.05	mg/L	1	5.00	<0.0370	101	84.9 - 107
TCLP Selenium	4.90	mg/L	1	5.00	<0.100	98	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	1.24	mg/L	1	1.25	<0.00780	99	85 - 115	2	20
TCLP Arsenic	5.19	mg/L	1	5.00	<0.0590	104	81.2 - 113	3	20
TCLP Barium	9.93	mg/L	1	10.0	<0.00340	99	85.1 - 117	3	20
TCLP Cadmium	2.51	mg/L	1	2.50	<0.00270	100	88.9 - 105	3	20
TCLP Chromium	1.08	mg/L	1	1.00	<0.00660	108	89.5 - 112	2	20
TCLP Lead	4.95	mg/L	1	5.00	<0.0370	99	84.9 - 107	2	20
TCLP Selenium	4.70	mg/L	1	5.00	<0.100	94	80.2 - 98.7	4	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: 33372
Prep Batch: 28984

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-03

Analyzed By: RR
Prepared By: TS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TCLP Silver	1.26	mg/L	1	1.25	<0.00780	101	85 - 115
TCLP Arsenic	5.34	mg/L	1	5.00	<0.0590	107	81.2 - 113
TCLP Barium	10.2	mg/L	1	10.0	<0.00340	102	85.1 - 117
TCLP Cadmium	2.58	mg/L	1	2.50	<0.00270	103	88.9 - 105
TCLP Chromium	1.10	mg/L	1	1.00	<0.00660	110	89.5 - 112

continued...

control spikes continued ...

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TCLP Lead	5.05	mg/L	1	5.00	<0.0370	101	84.9 - 107
TCLP Selenium	4.90	mg/L	1	5.00	<0.100	98	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	1.24	mg/L	1	1.25	<0.00780	99	85 - 115	2	20
TCLP Arsenic	5.19	mg/L	1	5.00	<0.0590	104	81.2 - 113	3	20
TCLP Barium	9.93	mg/L	1	10.0	<0.00340	99	85.1 - 117	3	20
TCLP Cadmium	2.51	mg/L	1	2.50	<0.00270	100	88.9 - 105	3	20
TCLP Chromium	1.08	mg/L	1	1.00	<0.00660	108	89.5 - 112	2	20
TCLP Lead	4.95	mg/L	1	5.00	<0.0370	99	84.9 - 107	2	20
TCLP Selenium	4.70	mg/L	1	5.00	<0.100	94	80.2 - 98.7	4	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: 33379
Prep Batch: 29008

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-04

Analyzed By: TP
Prepared By: TP

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TCLP Mercury	0.00530	mg/L	1	0.00500	<0.0000360	106	91.5 - 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	0.00556	mg/L	1	0.00500	<0.0000360	111	91.5 - 123	5	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: 33380
Prep Batch: 29008

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-04

Analyzed By: TP
Prepared By: TP

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TCLP Mercury	0.00530	mg/L	1	0.00500	<0.0000360	106	91.5 - 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	0.00556	mg/L	1	0.00500	<0.0000360	111	91.5 - 123	5	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: 33381
Prep Batch: 29010

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-04

Analyzed By: TP
Prepared By: TP

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TCLP Mercury	0.00537	mg/L	1	0.00500	<0.0000360	107	91.5 - 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	0.00551	mg/L	1	0.00500	<0.0000360	110	91.5 - 123	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: 33434
Prep Batch: 29019

Date Analyzed: 2007-01-06
QC Preparation: 2007-01-04

Analyzed By: TP
Prepared By: TS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Calcium	4870	mg/Kg	100	5000	<86.6	97	85 - 175.7
Total Magnesium	4840	mg/Kg	100	5000	<47.8	97	12.9 - 168.6
Total Potassium	4950	mg/Kg	100	5000	<35.4	99	85 - 115
Total Sodium	4910	mg/Kg	100	5000	<38.8	98	82.1 - 122

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	4840	mg/Kg	100	5000	<86.6	97	85 - 175.7	1	20
Total Magnesium	4790	mg/Kg	100	5000	<47.8	96	12.9 - 168.6	1	20
Total Potassium	4920	mg/Kg	100	5000	<35.4	98	85 - 115	1	20
Total Sodium	4880	mg/Kg	100	5000	<38.8	98	82.1 - 122	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: 33435
Prep Batch: 29019

Date Analyzed: 2007-01-07
QC Preparation: 2007-01-04

Analyzed By: TP
Prepared By: TS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Calcium	4870	mg/Kg	100	5000	<86.6	97	85 - 175.7
Total Magnesium	4840	mg/Kg	100	5000	<47.8	97	12.9 - 168.6
Total Potassium	4950	mg/Kg	100	5000	<35.4	99	85 - 115
Total Sodium	4910	mg/Kg	100	5000	<38.8	98	82.1 - 122

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	4840	mg/Kg	100	5000	<86.6	97	85 - 175.7	1	20
Total Magnesium	4790	mg/Kg	100	5000	<47.8	96	12.9 - 168.6	1	20
Total Potassium	4920	mg/Kg	100	5000	<35.4	98	85 - 115	1	20
Total Sodium	4880	mg/Kg	100	5000	<38.8	98	82.1 - 122	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: 33436
Prep Batch: 29020

Date Analyzed: 2007-01-07
QC Preparation: 2007-01-04

Analyzed By: TP
Prepared By: TS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Calcium	4680	mg/Kg	100	5000	<86.6	94	85 - 175.7
Total Magnesium	4560	mg/Kg	100	5000	<47.8	91	12.9 - 168.6
Total Potassium	4660	mg/Kg	100	5000	<35.4	93	85 - 115
Total Sodium	4760	mg/Kg	100	5000	<38.8	95	82.1 - 122

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	4750	mg/Kg	100	5000	<86.6	95	85 - 175.7	2	20
Total Magnesium	4630	mg/Kg	100	5000	<47.8	93	12.9 - 168.6	2	20
Total Potassium	4740	mg/Kg	100	5000	<35.4	95	85 - 115	2	20
Total Sodium	4790	mg/Kg	100	5000	<38.8	96	82.1 - 122	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: 112934

QC Batch: 33297
Prep Batch: 28944

Date Analyzed: 2007-01-02
QC Preparation: 2007-01-02

Analyzed By: KB
Prepared By: KB

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.936	mg/Kg	1	1.00	<0.000644	94	55.7 - 117
Toluene	0.981	mg/Kg	1	1.00	<0.00194	98	58.3 - 134
Ethylbenzene	1.04	mg/Kg	1	1.00	<0.00347	104	58.8 - 146
Xylene	3.23	mg/Kg	1	3.00	<0.00340	108	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
Benzene	1.05	mg/Kg	1	1.00	<0.000644	105	55.7 - 117	12	20
Toluene	1.10	mg/Kg	1	1.00	<0.00194	110	58.3 - 134	11	20
Ethylbenzene	1.16	mg/Kg	1	1.00	<0.00347	116	58.8 - 146	11	20
Xylene	3.62	mg/Kg	1	3.00	<0.00340	121	59.3 - 148	11	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)	1.10	1.12	mg/Kg	1	1	110	112	83.5 - 119
4-Bromofluorobenzene (4-BFB)	1.16	1.16	mg/Kg	1	1	116	116	85 - 131

Matrix Spike (MS-1) Spiked Sample: 112923

QC Batch: 33302
Prep Batch: 28949

Date Analyzed: 2007-01-02
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	2020	mg/Kg	100	1250	797	98	15.3 - 175

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	2010	mg/Kg	100	1250	797	97	15.3 - 175	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: 112923

QC Batch: 33302
Prep Batch: 28949

Date Analyzed: 2007-01-02
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Sulfate	2310	mg/Kg	100	1250	1010	104	87.1 - 110

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	2290	mg/Kg	100	1250	1010	102	87.1 - 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: 112927

QC Batch: 33303
Prep Batch: 28950

Date Analyzed: 2007-01-02
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	1260	mg/Kg	50	625	643	99	15.3 - 175

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	1260	mg/Kg	50	625	643	99	15.3 - 175	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: 112927

QC Batch: 33303
Prep Batch: 28950

Date Analyzed: 2007-01-02
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Sulfate	² 1170	mg/Kg	50	625	446	116	87.1 - 110

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	1010	mg/Kg	50	625	446	90	87.1 - 110	15	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: 112935

QC Batch: 33304
Prep Batch: 28951

Date Analyzed: 2007-01-03
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	716	mg/Kg	50	625	98.1	99	15.3 - 175

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	718	mg/Kg	50	625	98.1	99	15.3 - 175	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: 112935

QC Batch: 33304
Prep Batch: 28951

Date Analyzed: 2007-01-03
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Sulfate	1920	mg/Kg	50	625	1290	101	87.1 - 110

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	1890	mg/Kg	50	625	1290	96	87.1 - 110	2	20

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

²Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

Matrix Spike (MS-1) Spiked Sample: 112942

QC Batch: 33305
Prep Batch: 28952

Date Analyzed: 2007-01-03
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	325	mg/Kg	10	125	213	90	15.3 - 175

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	322	mg/Kg	10	125	213	87	15.3 - 175	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: 112942

QC Batch: 33305
Prep Batch: 28952

Date Analyzed: 2007-01-03
QC Preparation: 2007-01-02

Analyzed By: WB
Prepared By: JS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Sulfate	564	mg/Kg	10	125	438	101	87.1 - 110

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	553	mg/Kg	10	125	438	92	87.1 - 110	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: 112987

QC Batch: 33332
Prep Batch: 28972

Date Analyzed: 2007-01-03
QC Preparation: 2007-01-03

Analyzed By: MT
Prepared By: MT

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.825	mg/Kg	1	1.00	<0.000644	82	55.7 - 117
Toluene	0.855	mg/Kg	1	1.00	<0.00194	86	58.3 - 134
Ethylbenzene	0.888	mg/Kg	1	1.00	<0.00347	89	58.8 - 146
Xylene	2.77	mg/Kg	1	3.00	<0.00340	92	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
Benzene	0.922	mg/Kg	1	1.00	<0.000644	92	55.7 - 117	11	20
Toluene	0.958	mg/Kg	1	1.00	<0.00194	96	58.3 - 134	11	20
Ethylbenzene	1.00	mg/Kg	1	1.00	<0.00347	100	58.8 - 146	12	20
Xylene	3.13	mg/Kg	1	3.00	<0.00340	104	59.3 - 148	12	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)	1.10	1.10	mg/Kg	1	1	110	110	83.5 - 119
4-Bromofluorobenzene (4-BFB)	1.08	1.14	mg/Kg	1	1	108	114	85 - 131

Matrix Spike (MS-1) Spiked Sample: 112924

QC Batch: 33334
Prep Batch: 28974

Date Analyzed: 2007-01-03
QC Preparation: 2007-01-03

Analyzed By: SE
Prepared By: SE

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TRPHC	228	mg/Kg	1	250	<5.91	91	77.8 - 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
TRPHC	226	mg/Kg	1	250	<5.91	90	77.8 - 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: 112851

QC Batch: 33366
Prep Batch: 28980

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-03

Analyzed By: RR
Prepared By: TS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TCLP Silver	1.23	mg/L	1	1.25	<0.00780	98	85.8 - 115
TCLP Arsenic	5.07	mg/L	1	5.00	<0.0590	101	85.6 - 111
TCLP Barium	12.4	mg/L	1	10.0	2.31	101	83.5 - 107
TCLP Cadmium	2.51	mg/L	1	2.50	<0.00270	100	85 - 103
TCLP Chromium	1.03	mg/L	1	1.00	<0.00660	103	85.1 - 113
TCLP Lead	4.92	mg/L	1	5.00	<0.0370	98	80.9 - 105
TCLP Selenium	4.29	mg/L	1	5.00	<0.100	86	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	1.28	mg/L	1	1.25	<0.00780	102	85.8 - 115	4	20
TCLP Arsenic	5.26	mg/L	1	5.00	<0.0590	105	85.6 - 111	4	20
TCLP Barium	12.8	mg/L	1	10.0	2.31	105	83.5 - 107	3	20
TCLP Cadmium	2.52	mg/L	1	2.50	<0.00270	101	85 - 103	0	20
TCLP Chromium	1.06	mg/L	1	1.00	<0.00660	106	85.1 - 113	3	20
TCLP Lead	5.06	mg/L	1	5.00	<0.0370	101	80.9 - 105	3	20
TCLP Selenium	4.39	mg/L	1	5.00	<0.100	88	77 - 102	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: 112924

QC Batch: 33369
Prep Batch: 28984

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-03

Analyzed By: RR
Prepared By: TS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TCLP Silver	1.26	mg/L	1	1.25	<0.00780	101	85.8 - 115
TCLP Arsenic	5.42	mg/L	1	5.00	<0.0590	108	85.6 - 111
TCLP Barium	12.1	mg/L	1	10.0	1.74	104	83.5 - 107
TCLP Cadmium	2.50	mg/L	1	2.50	<0.00270	100	85 - 103
TCLP Chromium	0.997	mg/L	1	1.00	<0.00660	100	85.1 - 113
TCLP Lead	4.94	mg/L	1	5.00	<0.0370	99	80.9 - 105
TCLP Selenium	4.92	mg/L	1	5.00	<0.100	98	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	1.30	mg/L	1	1.25	<0.00780	104	85.8 - 115	3	20
TCLP Arsenic	5.31	mg/L	1	5.00	<0.0590	106	85.6 - 111	2	20
TCLP Barium	12.2	mg/L	1	10.0	1.74	105	83.5 - 107	1	20
TCLP Cadmium	2.56	mg/L	1	2.50	<0.00270	102	85 - 103	2	20
TCLP Chromium	1.02	mg/L	1	1.00	<0.00660	102	85.1 - 113	2	20
TCLP Lead	5.00	mg/L	1	5.00	<0.0370	100	80.9 - 105	1	20
TCLP Selenium	4.99	mg/L	1	5.00	<0.100	100	77 - 102	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: 112933

QC Batch: 33372
Prep Batch: 28984

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-03

Analyzed By: RR
Prepared By: TS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TCLP Silver	1.19	mg/L	1	1.25	<0.00780	95	85.8 - 115
TCLP Arsenic	4.79	mg/L	1	5.00	<0.0590	96	85.6 - 111
TCLP Barium	11.4	mg/L	1	10.0	1.54	99	83.5 - 107
TCLP Cadmium	2.40	mg/L	1	2.50	<0.00270	96	85 - 103
TCLP Chromium	1.03	mg/L	1	1.00	<0.00660	103	85.1 - 113
TCLP Lead	5.04	mg/L	1	5.00	<0.0370	101	80.9 - 105
TCLP Selenium	4.16	mg/L	1	5.00	<0.100	83	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	1.19	mg/L	1	1.25	<0.00780	95	85.8 - 115	0	20
TCLP Arsenic	4.69	mg/L	1	5.00	<0.0590	94	85.6 - 111	2	20
TCLP Barium	11.2	mg/L	1	10.0	1.54	97	83.5 - 107	2	20
TCLP Cadmium	2.36	mg/L	1	2.50	<0.00270	94	85 - 103	2	20
TCLP Chromium	1.01	mg/L	1	1.00	<0.00660	101	85.1 - 113	2	20
TCLP Lead	4.85	mg/L	1	5.00	<0.0370	97	80.9 - 105	4	20

continued...

matrix spikes continued ...

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
TCLP Selenium	4.28	mg/L	1	5.00	<0.100	86	77 - 102	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: 111673

QC Batch: 33379
Prep Batch: 29008

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-04

Analyzed By: TP
Prepared By: TP

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TCLP Mercury	0.00544	mg/L	1	0.00500	6e-05	108	86.6 - 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
TCLP Mercury	0.00517	mg/L	1	0.00500	6e-05	102	86.6 - 123	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: 112930

QC Batch: 33380
Prep Batch: 29008

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-04

Analyzed By: TP
Prepared By: TP

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TCLP Mercury	0.00540	mg/L	1	0.00500	8e-05	106	86.6 - 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
TCLP Mercury	0.00542	mg/L	1	0.00500	8e-05	107	86.6 - 123	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: 112940

QC Batch: 33381
Prep Batch: 29010

Date Analyzed: 2007-01-04
QC Preparation: 2007-01-04

Analyzed By: TP
Prepared By: TP

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TCLP Mercury	0.00531	mg/L	1	0.00500	<0.0000360	106	86.6 - 123

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
Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
TCLP Mercury	0.00537	mg/L	1	0.00500	<0.0000360	107	86.6 - 123	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: 112923

QC Batch: 33434
Prep Batch: 29019

Date Analyzed: 2007-01-06
QC Preparation: 2007-01-04

Analyzed By: TP
Prepared By: TS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Calcium	³ 77100	mg/Kg	100	5000	80570	-69	75 - 125
Total Magnesium	7960	mg/Kg	100	5000	3988	79	75 - 125
Total Potassium	5410	mg/Kg	100	5000	987	88	75 - 125
Total Sodium	5590	mg/Kg	100	5000	1022	91	73.4 - 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 Calcium	⁴ 76800	mg/Kg	100	5000	80570	-75	75 - 125	0	20
Total Magnesium	8230	mg/Kg	100	5000	3988	85	75 - 125	3	20
Total Potassium	5480	mg/Kg	100	5000	987	90	75 - 125	1	20
Total Sodium	5540	mg/Kg	100	5000	1022	90	73.4 - 114	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: 112932

QC Batch: 33435
Prep Batch: 29019

Date Analyzed: 2007-01-07
QC Preparation: 2007-01-04

Analyzed By: TP
Prepared By: TS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Calcium	⁵ 51600	mg/Kg	100	5000	51030	11	75 - 125
Total Magnesium	6590	mg/Kg	100	5000	2323	85	75 - 125
Total Potassium	5600	mg/Kg	100	5000	1097	90	75 - 125
Total Sodium	5030	mg/Kg	100	5000	425	92	73.4 - 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 Calcium	⁶ 50400	mg/Kg	100	5000	51030	-11	75 - 125	2	20

continued ...

³Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

⁴Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

⁵Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

⁶Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

matrix spikes continued...

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Total Magnesium	6720	mg/Kg	100	5000	2323	88	75 - 125	2	20
Total Potassium	5710	mg/Kg	100	5000	1097	92	75 - 125	2	20
Total Sodium	5180	mg/Kg	100	5000	425	95	73.4 - 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: 112942

QC Batch: 33436
Prep Batch: 29020

Date Analyzed: 2007-01-07
QC Preparation: 2007-01-04

Analyzed By: TP
Prepared By: TS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Total Calcium	72900	mg/Kg	100	5000	66400	130	75 - 125
Total Magnesium	6590	mg/Kg	100	5000	2520	81	75 - 125
Total Potassium	5940	mg/Kg	100	5000	1630	86	75 - 125
Total Sodium	5200	mg/Kg	100	5000	679	90	73.4 - 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 Calcium	75600	mg/Kg	100	5000	66400	184	75 - 125	4	20
Total Magnesium	6760	mg/Kg	100	5000	2520	85	75 - 125	2	20
Total Potassium	6070	mg/Kg	100	5000	1630	89	75 - 125	2	20
Total Sodium	5220	mg/Kg	100	5000	679	91	73.4 - 114	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: 33297

Date Analyzed: 2007-01-02

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	0.0904	90	85 - 115	2007-01-02
Toluene		mg/Kg	0.100	0.0909	91	85 - 115	2007-01-02
Ethylbenzene		mg/Kg	0.100	0.0930	93	85 - 115	2007-01-02
Xylene		mg/Kg	0.300	0.286	95	85 - 115	2007-01-02

Standard (CCV-1)

QC Batch: 33297

Date Analyzed: 2007-01-02

Analyzed By: KB

⁷Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

⁸Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

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	2007-01-02
Toluene		mg/Kg	0.100	0.0884	88	85 - 115	2007-01-02
Ethylbenzene		mg/Kg	0.100	0.0925	92	85 - 115	2007-01-02
Xylene		mg/Kg	0.300	0.289	96	85 - 115	2007-01-02

Standard (ICV-1)

QC Batch: 33302

Date Analyzed: 2007-01-02

Analyzed By: WB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	11.7	94	90 - 110	2007-01-02

Standard (ICV-1)

QC Batch: 33302

Date Analyzed: 2007-01-02

Analyzed By: WB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	12.7	102	90 - 110	2007-01-02

Standard (CCV-1)

QC Batch: 33302

Date Analyzed: 2007-01-02

Analyzed By: WB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	11.6	92	90 - 110	2007-01-02

Standard (CCV-1)

QC Batch: 33302

Date Analyzed: 2007-01-02

Analyzed By: WB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	12.6	100	90 - 110	2007-01-02

Standard (ICV-1)

QC Batch: 33303

Date Analyzed: 2007-01-02

Analyzed By: WB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	11.6	93	90 - 110	2007-01-02

Standard (ICV-1)

QC Batch: 33303

Date Analyzed: 2007-01-02

Analyzed By: WB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	12.6	101	90 - 110	2007-01-02

Standard (CCV-1)

QC Batch: 33303

Date Analyzed: 2007-01-02

Analyzed By: WB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	11.9	95	90 - 110	2007-01-02

Standard (CCV-1)

QC Batch: 33303

Date Analyzed: 2007-01-02

Analyzed By: WB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	12.4	100	90 - 110	2007-01-02

Standard (ICV-1)

QC Batch: 33304

Date Analyzed: 2007-01-03

Analyzed By: WB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	11.9	95	90 - 110	2007-01-03

Standard (ICV-1)

QC Batch: 33304

Date Analyzed: 2007-01-03

Analyzed By: WB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	12.6	101	90 - 110	2007-01-03

Standard (CCV-1)

QC Batch: 33304

Date Analyzed: 2007-01-03

Analyzed By: WB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.0	96	90 - 110	2007-01-03

Standard (CCV-1)

QC Batch: 33304

Date Analyzed: 2007-01-03

Analyzed By: WB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	13.1	105	90 - 110	2007-01-03

Standard (ICV-1)

QC Batch: 33305

Date Analyzed: 2007-01-03

Analyzed By: WB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.0	96	90 - 110	2007-01-03

Standard (ICV-1)

QC Batch: 33305

Date Analyzed: 2007-01-03

Analyzed By: WB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	13.1	105	90 - 110	2007-01-03

Standard (CCV-1)

QC Batch: 33305

Date Analyzed: 2007-01-03

Analyzed By: WB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	11.9	95	90 - 110	2007-01-03

Standard (CCV-1)

QC Batch: 33305

Date Analyzed: 2007-01-03

Analyzed By: WB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	12.5	100	90 - 110	2007-01-03

Standard (ICV-1)

QC Batch: 33306

Date Analyzed: 2007-01-02

Analyzed By: WB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		μ MHOS/cm	1410	1420	101	90 - 110	2007-01-02

Standard (CCV-1)

QC Batch: 33306

Date Analyzed: 2007-01-02

Analyzed By: WB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		μ MHOS/cm	1410	1410	100	90 - 110	2007-01-02

Standard (ICV-1)

QC Batch: 33307

Date Analyzed: 2007-01-02

Analyzed By: WB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		μ MHOS/cm	1410	1420	101	90 - 110	2007-01-02

Standard (CCV-1)

QC Batch: 33307

Date Analyzed: 2007-01-02

Analyzed By: WB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		μ MHOS/cm	1410	1410	100	90 - 110	2007-01-02

Standard (ICV-1)

QC Batch: 33308

Date Analyzed: 2007-01-02

Analyzed By: WB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		μ MHOS/cm	1410	1420	100	90 - 110	2007-01-02

Standard (CCV-1)

QC Batch: 33308

Date Analyzed: 2007-01-02

Analyzed By: WB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		μ MHOS/cm	1410	1410	100	90 - 110	2007-01-02

Standard (ICV-1)

QC Batch: 33315

Date Analyzed: 2007-01-02

Analyzed By: JS

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	6.85	98	98 - 102	2007-01-02

Standard (CCV-1)

QC Batch: 33315

Date Analyzed: 2007-01-02

Analyzed By: JS

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	6.95	99	98 - 102	2007-01-02

Standard (ICV-1)

QC Batch: 33317

Date Analyzed: 2007-01-02

Analyzed By: JS

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	6.95	99	98 - 102	2007-01-02

Standard (CCV-1)

QC Batch: 33317

Date Analyzed: 2007-01-02

Analyzed By: JS

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	6.95	99	98 - 102	2007-01-02

Standard (ICV-1)

QC Batch: 33319

Date Analyzed: 2007-01-02

Analyzed By: JS

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	6.95	99	98 - 102	2007-01-02

Standard (CCV-1)

QC Batch: 33319

Date Analyzed: 2007-01-02

Analyzed By: JS

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	6.96	99	98 - 102	2007-01-02

Standard (ICV-1)

QC Batch: 33332

Date Analyzed: 2007-01-03

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	0.0894	89	85 - 115	2007-01-03
Toluene		mg/Kg	0.100	0.0900	90	85 - 115	2007-01-03
Ethylbenzene		mg/Kg	0.100	0.0944	94	85 - 115	2007-01-03
Xylene		mg/Kg	0.300	0.296	99	85 - 115	2007-01-03

Standard (CCV-1)

QC Batch: 33332

Date Analyzed: 2007-01-03

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	0.0955	96	85 - 115	2007-01-03
Toluene		mg/Kg	0.100	0.0936	94	85 - 115	2007-01-03
Ethylbenzene		mg/Kg	0.100	0.0951	95	85 - 115	2007-01-03
Xylene		mg/Kg	0.300	0.296	99	85 - 115	2007-01-03

Standard (ICV-1)

QC Batch: 33334

Date Analyzed: 2007-01-03

Analyzed By: SE

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	92.7	93	80 - 120	2007-01-03

Standard (CCV-1)

QC Batch: 33334

Date Analyzed: 2007-01-03

Analyzed By: SE

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	95.8	96	80 - 120	2007-01-03

Standard (CCV-2)

QC Batch: 33334

Date Analyzed: 2007-01-03

Analyzed By: SE

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	101	101	80 - 120	2007-01-03

Standard (ICV-1)

QC Batch: 33366

Date Analyzed: 2007-01-04

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	0.130	104	90 - 110	2007-01-04
TCLP Arsenic		mg/L	1.00	1.04	104	90 - 110	2007-01-04
TCLP Barium		mg/L	1.00	1.03	103	90 - 110	2007-01-04
TCLP Cadmium		mg/L	1.00	0.988	99	90 - 110	2007-01-04
TCLP Chromium		mg/L	1.00	0.988	99	90 - 110	2007-01-04
TCLP Lead		mg/L	1.00	0.980	98	90 - 110	2007-01-04
TCLP Selenium		mg/L	1.00	1.04	104	90 - 110	2007-01-04

Standard (CCV-1)

QC Batch: 33366

Date Analyzed: 2007-01-04

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	0.128	102	90 - 110	2007-01-04
TCLP Arsenic		mg/L	1.00	1.02	102	90 - 110	2007-01-04
TCLP Barium		mg/L	1.00	1.02	102	90 - 110	2007-01-04
TCLP Cadmium		mg/L	1.00	0.988	99	90 - 110	2007-01-04
TCLP Chromium		mg/L	1.00	0.994	99	90 - 110	2007-01-04
TCLP Lead		mg/L	1.00	0.994	99	90 - 110	2007-01-04
TCLP Selenium		mg/L	1.00	1.00	100	90 - 110	2007-01-04

Standard (ICV-1)

QC Batch: 33369

Date Analyzed: 2007-01-04

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	0.130	104	90 - 110	2007-01-04
TCLP Arsenic		mg/L	1.00	1.04	104	90 - 110	2007-01-04
TCLP Barium		mg/L	1.00	1.03	103	90 - 110	2007-01-04
TCLP Cadmium		mg/L	1.00	0.988	99	90 - 110	2007-01-04
TCLP Chromium		mg/L	1.00	0.988	99	90 - 110	2007-01-04
TCLP Lead		mg/L	1.00	0.980	98	90 - 110	2007-01-04
TCLP Selenium		mg/L	1.00	1.04	104	90 - 110	2007-01-04

Standard (CCV-1)

QC Batch: 33369

Date Analyzed: 2007-01-04

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	0.125	100	90 - 110	2007-01-04
TCLP Arsenic		mg/L	1.00	0.967	97	90 - 110	2007-01-04
TCLP Barium		mg/L	1.00	1.01	101	90 - 110	2007-01-04
TCLP Cadmium		mg/L	1.00	0.959	96	90 - 110	2007-01-04
TCLP Chromium		mg/L	1.00	0.966	97	90 - 110	2007-01-04
TCLP Lead		mg/L	1.00	0.955	96	90 - 110	2007-01-04
TCLP Selenium		mg/L	1.00	0.968	97	90 - 110	2007-01-04

Standard (ICV-1)

QC Batch: 33372

Date Analyzed: 2007-01-04

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	0.130	104	90 - 110	2007-01-04
TCLP Arsenic		mg/L	1.00	1.04	104	90 - 110	2007-01-04
TCLP Barium		mg/L	1.00	1.03	103	90 - 110	2007-01-04
TCLP Cadmium		mg/L	1.00	0.988	99	90 - 110	2007-01-04
TCLP Chromium		mg/L	1.00	0.988	99	90 - 110	2007-01-04
TCLP Lead		mg/L	1.00	0.980	98	90 - 110	2007-01-04
TCLP Selenium		mg/L	1.00	1.04	104	90 - 110	2007-01-04

Standard (CCV-1)

QC Batch: 33372

Date Analyzed: 2007-01-04

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	0.130	104	90 - 110	2007-01-04
TCLP Arsenic		mg/L	1.00	1.00	100	90 - 110	2007-01-04
TCLP Barium		mg/L	1.00	1.04	104	90 - 110	2007-01-04
TCLP Cadmium		mg/L	1.00	1.00	100	90 - 110	2007-01-04

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Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Chromium		mg/L	1.00	1.00	100	90 - 110	2007-01-04
TCLP Lead		mg/L	1.00	1.01	101	90 - 110	2007-01-04
TCLP Selenium		mg/L	1.00	1.05	105	90 - 110	2007-01-04

Standard (ICV-1)

QC Batch: 33373

Date Analyzed: 2007-01-04

Analyzed By: JS

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/Kg as CaCo3	250	242	97	90 - 110	2007-01-04

Standard (CCV-1)

QC Batch: 33373

Date Analyzed: 2007-01-04

Analyzed By: JS

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/Kg as CaCo3	250	244	98	90 - 110	2007-01-04

Standard (ICV-1)

QC Batch: 33374

Date Analyzed: 2007-01-04

Analyzed By: JS

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/Kg as CaCo3	250	244	98	90 - 110	2007-01-04

Standard (CCV-1)

QC Batch: 33374

Date Analyzed: 2007-01-04

Analyzed By: JS

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/Kg as CaCo3	250	242	97	90 - 110	2007-01-04

Standard (ICV-1)

QC Batch: 33375

Date Analyzed: 2007-01-04

Analyzed By: JS

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/Kg as CaCo3	250	242	97	90 - 110	2007-01-04

Standard (CCV-1)

QC Batch: 33375

Date Analyzed: 2007-01-04

Analyzed By: JS

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/Kg as CaCo3	250	242	97	90 - 110	2007-01-04

Standard (ICV-1)

QC Batch: 33379

Date Analyzed: 2007-01-04

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	0.00496	99	90 - 110	2007-01-04

Standard (CCV-1)

QC Batch: 33379

Date Analyzed: 2007-01-04

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	0.00494	99	80 - 120	2007-01-04

Standard (ICV-1)

QC Batch: 33380

Date Analyzed: 2007-01-04

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	0.00496	99	90 - 110	2007-01-04

Standard (CCV-1)

QC Batch: 33380

Date Analyzed: 2007-01-04

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	0.00487	97	80 - 120	2007-01-04

Standard (ICV-1)

QC Batch: 33381

Date Analyzed: 2007-01-04

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	0.00496	99	90 - 110	2007-01-04

Standard (CCV-1)

QC Batch: 33381

Date Analyzed: 2007-01-04

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	0.00484	97	80 - 120	2007-01-04

Standard (ICV-1)

QC Batch: 33434

Date Analyzed: 2007-01-06

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	50.5	101	90 - 110	2007-01-06
Total Magnesium		mg/Kg	50.0	50.6	101	90 - 110	2007-01-06
Total Potassium		mg/Kg	50.0	50.6	101	90 - 110	2007-01-06
Total Sodium		mg/Kg	50.0	50.4	101	90 - 110	2007-01-06

Standard (CCV-1)

QC Batch: 33434

Date Analyzed: 2007-01-06

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	2007-01-06
Total Magnesium		mg/Kg	50.0	50.2	100	90 - 110	2007-01-06
Total Potassium		mg/Kg	50.0	50.5	101	90 - 110	2007-01-06
Total Sodium		mg/Kg	50.0	50.7	101	90 - 110	2007-01-06

Standard (ICV-1)

QC Batch: 33435

Date Analyzed: 2007-01-07

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	50.5	101	90 - 110	2007-01-07
Total Magnesium		mg/Kg	50.0	50.6	101	90 - 110	2007-01-07
Total Potassium		mg/Kg	50.0	50.6	101	90 - 110	2007-01-07

continued ...

standard continued ...

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Sodium		mg/Kg	50.0	50.4	101	90 - 110	2007-01-07

Standard (CCV-1)

QC Batch: 33435

Date Analyzed: 2007-01-07

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	50.8	102	90 - 110	2007-01-07
Total Magnesium		mg/Kg	50.0	50.2	100	90 - 110	2007-01-07
Total Potassium		mg/Kg	50.0	50.4	101	90 - 110	2007-01-07
Total Sodium		mg/Kg	50.0	50.7	101	90 - 110	2007-01-07

Standard (ICV-1)

QC Batch: 33436

Date Analyzed: 2007-01-07

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	50.5	101	90 - 110	2007-01-07
Total Magnesium		mg/Kg	50.0	50.6	101	90 - 110	2007-01-07
Total Potassium		mg/Kg	50.0	50.6	101	90 - 110	2007-01-07
Total Sodium		mg/Kg	50.0	50.4	101	90 - 110	2007-01-07

Standard (CCV-1)

QC Batch: 33436

Date Analyzed: 2007-01-07

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	50.2	100	90 - 110	2007-01-07
Total Magnesium		mg/Kg	50.0	49.7	99	90 - 110	2007-01-07
Total Potassium		mg/Kg	50.0	49.8	100	90 - 110	2007-01-07
Total Sodium		mg/Kg	50.0	50.7	101	90 - 110	2007-01-07

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST									
LAB Order ID # 7010211									
TraceAnalysis, Inc. 6701 Aberdeen Avenue, Ste. 9 Lubbock, Texas 79424 Tel (806) 794-1296 Fax (806) 794-1298 1 (800) 378-1296 email: lab@traceanalysis.com Company Name: <u>TraceAnalysis, Inc.</u> Address: <u>PO Box 1658 Roswell, NM 88202</u> Contact Person: <u>Bill Marley, Project Mgr.</u> Phone #: <u>505-347-0434</u> Fax #: <u>505-347-0435</u> e-mail: <u>bill@traceanalysis.com</u> Project Name: <u>Annual Year End Sampling 2006</u> Object Location: <u>Cell 4, 5, 8, 9 T.11 S.R. 31E Chaves Co. NM</u> Sampler Signature: <u>[Signature]</u> Project Number: <u>7010211</u>									
LAB #		FIELD CODE	# CONTAINERS	VOLUME/AMOUNT	MATRIX	PRESERVATIVE METHOD	DATE	SAMPLING TIME	Hold
12922	Cell 21		16	400	X		12/20/06	10:30	
23	Cell 20						12/20/06	10:40	
24	Cell 18						11/18		
25	Cell 19						11/32		
26	Cell 17						11/41		
27	Cell 16						11/34		
28	Cell 15						12/08		
29	Cell 14						12/07		
30	Cell 13						12/14		
31	Cell 12						12/17		
32	Cell 11						12/17		
Inquired by:		Date:	Time:	Received by:	Date:	Time:	LAB USE ONLY		
Inquired by:		Date:	Time:	Received by:	Date:	Time:	LAB USE ONLY		
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Inquired by:		Date:	Time:	Received by:	Date:	Time:	LAB USE ONLY		
ANALYSIS REQUEST (Circle or Specify Method No.) 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 ☒ HCl ☒ GCM/MS Vol. 8260B/624 ☒ GCM/MS Semi. Vol. 8270C/625 ☒ PCB's 8082/608 ☒ Pesticides 8081A/608 ☒ BOD, TSS, pH ☒ Moisture Content ☒ Turn Around Time if different from standard ☒									
REMARKS: Please email Results ASAP to cmbeavir@cdm.com Thank you.									
LAB USE ONLY Intact ☒ Headspace ☒ Temp ☒ Log-in Review ☒									
Carrier # <u>2002 State Geology and G.C.I. 303006880</u>									

Trace Analysis, Inc. 6701 Aberdeen Avenue, Ste. 9 Lubbock, Texas 79424 Tel (806) 794-1296 Fax (806) 794-1298 email: lab@traceanalysis.com		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 # <u>7010211</u>																																			
ANALYSIS REQUEST (Circle or Specify Method No.)																																			
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>TX 1005 Extended (C35)</td> <td></td> </tr> <tr> <td>PAH 8270C</td> <td></td> </tr> <tr> <td>Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7</td> <td></td> </tr> <tr> <td>TCLP Volatiles</td> <td></td> </tr> <tr> <td>TCLP Semi Volatiles</td> <td></td> </tr> <tr> <td>TCLP Pesticides</td> <td></td> </tr> <tr> <td>RCI</td> <td></td> </tr> <tr> <td>GC/MS Vol. 8260B/624</td> <td></td> </tr> <tr> <td>GC/MS Semi. Vol. 8270C/625</td> <td></td> </tr> <tr> <td>PCBs 8082/608</td> <td></td> </tr> <tr> <td>Pesticides 8081A/608</td> <td></td> </tr> <tr> <td>BOD, TSS, pH</td> <td></td> </tr> <tr> <td>Moisture Content</td> <td></td> </tr> <tr> <td>Na, Ca, Mg, K, Cl</td> <td></td> </tr> <tr> <td>SO₄, CO₃, HCO₃</td> <td></td> </tr> <tr> <td>PH, Conductivity, Total Alkalinity</td> <td></td> </tr> </table>				TX 1005 Extended (C35)		PAH 8270C		Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7		TCLP Volatiles		TCLP Semi Volatiles		TCLP Pesticides		RCI		GC/MS Vol. 8260B/624		GC/MS Semi. Vol. 8270C/625		PCBs 8082/608		Pesticides 8081A/608		BOD, TSS, pH		Moisture Content		Na, Ca, Mg, K, Cl		SO ₄ , CO ₃ , HCO ₃		PH, Conductivity, Total Alkalinity	
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REMARKS: Please Email Results ASAP to Emberville Comp.																																			
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LAB #	FIELD CODE	# CONTAINERS	Volume/Amount	PRESERVATIVE METHOD				MATRIX				DATE	TIME	
				HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	WATER	SOIL			AIR
2933	Cell 10	1/6	4oz										12/16/06	12:45
34	Cell 9	1											12/29	
35	Cell 8	1											12/29	
36	Cell 7	1											12/29	
37	Cell 6	1											12/29	
38	Cell 5	1											12/29	
39	Cell 4	1											12/29	
40	Cell 3	1											12/29	
41	Cell 2	1											12/29	
42	Cell 1	1											12/29	
	Temp Bldg	1	125										12/29	15:00

Requested by: <u>[Signature]</u> Date: <u>12/28/06</u> Time: <u>15:00</u>	Received by: <u>[Signature]</u> Date: <u>12/29/06</u> Time: <u>10:15</u>
Requested by: <u>[Signature]</u> Date: <u>12/28/06</u> Time: <u>15:00</u>	Received by: <u>[Signature]</u> Date: <u>12/29/06</u> Time: <u>10:15</u>
Requested by: <u>[Signature]</u> Date: <u>12/28/06</u> Time: <u>15:00</u>	Received by: <u>[Signature]</u> Date: <u>12/29/06</u> Time: <u>10:15</u>

Initial of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

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Trace Analysis, 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 # <u>7010211</u>		ANALYSIS REQUEST (Circle or Specify Method No.) Moisture Content ☐ BOD TSS pH ☐ Pesticides 8081A/608 ☐ PCB's 8082/608 ☐ GC/MS Semi Vol. 8270C/625 ☐ GC/MS Vol. 8260B/624 ☐ RCI ☐ TCLP Pesticides ☐ TCLP Semi Volatiles ☐ TCLP Volatiles ☐ Total Metals Ag As Ba Cd Cr Pb Se Hg ☐ PAH 8270C ☐ TX 1005 Extended (C35) ☐ EPA 418 (M7703) ☐ EPA 4021A/602 ☐ MTBE 8021B/602 ☐	
Project Name: <u>Annual Year End Sampling 2006 - GMI Landfarm</u> Object Location: <u>Cell 4,5,8,9 T.11 S.R. 31E Chaves Co. NM</u> Contact Person: <u>Bill Marley, Project Mgr.</u> Phone #: <u>505-347-0434</u> Fax #: <u>505-347-0435</u> e-mail: <u>gmj@cta.com</u>		LAB USE ONLY Intact ☒ Headspace <u>Y</u> Temp <u>10.15</u> Log-in Review <u>SP</u> REMARKS: <u>Please email results to ctabenviro@cta.com. Thank you.</u>			
Project Name: <u>GMI Landfarm</u> Object Location: <u>Cell 4,5,8,9 T.11 S.R. 31E Chaves Co. NM</u> Contact Person: <u>Bill Marley, Project Mgr.</u> Phone #: <u>505-347-0434</u> Fax #: <u>505-347-0435</u> e-mail: <u>gmj@cta.com</u>		LAB USE ONLY Intact ☒ Headspace <u>Y</u> Temp <u>10.15</u> Log-in Review <u>SP</u> REMARKS: <u>Please email results to ctabenviro@cta.com. Thank you.</u>			
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ORIGINAL COPY

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST									
LAB Order ID # 7010211									
Trace Analysis, Inc. 155 McCutcheon Suite H El Paso, Texas 79932 Tel (915) 585-3443 Fax (915) 585-4944 1 (888) 588-3443 Company Name: <u>Trace Analysis, Inc.</u> Address: <u>PO Box 1658 Roswell NM 86202</u> Contact Person: <u>Bill Marley, Project Mgr.</u> Phone #: <u>505-347-0434</u> Fax #: <u>505-347-0433</u> e-mail: <u>bill@traceanalysis.com</u> Project Name: <u>Annual Year End Sampling - 2006 GMI Landfarm</u> Project Location: <u>Sec. 4, 5, 8, 9, T.11 S. R. 31 E. Chaves Co. NM</u> Project #: <u>MM-01-0019</u> Sampler Signature: <u>[Signature]</u>									
LAB #	FIELD CODE	# CONTAINERS	VOLUME/AMOUNT	MATRIX	PREP. METHOD	SAMPLING DATE	TIME	ANALYSIS REQUEST	
				WATER SOIL AIR SLUDGE	HCl HNO ₃ H ₂ SO ₄ NaOH ICE NONE			(Circle or Specify Method No.)	
33	Cell 10	1/6	4oz	X		12/24/06	12:24	TX 1005 Extended (C35) ☒ PAH 8270C ☒ Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 ☒ TCLP Volatiles ☒ TCLP Semi Volatiles ☒ 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 ☒	
34	Cell 9	1	1			12/24/06	12:29	TX 1005 Extended (C35) ☒ PAH 8270C ☒ Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 ☒ TCLP Volatiles ☒ TCLP Semi Volatiles ☒ 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 ☒	
35	Cell 8	1	1			12/24/06	12:34	TX 1005 Extended (C35) ☒ PAH 8270C ☒ Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 ☒ TCLP Volatiles ☒ TCLP Semi Volatiles ☒ 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 ☒	
36	Cell 7	1	1			12/24/06	12:48	TX 1005 Extended (C35) ☒ PAH 8270C ☒ Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 ☒ TCLP Volatiles ☒ TCLP Semi Volatiles ☒ 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 ☒	
37	Cell 6	1	1			12/24/06	12:51	TX 1005 Extended (C35) ☒ PAH 8270C ☒ Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 ☒ TCLP Volatiles ☒ TCLP Semi Volatiles ☒ 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 ☒	
38	Cell 5	1	1			12/24/06	12:54	TX 1005 Extended (C35) ☒ PAH 8270C ☒ Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 ☒ TCLP Volatiles ☒ TCLP Semi Volatiles ☒ 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 ☒	
39	Cell 4	1	1			12/24/06	12:58	TX 1005 Extended (C35) ☒ PAH 8270C ☒ Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 ☒ TCLP Volatiles ☒ TCLP Semi Volatiles ☒ 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 ☒	
40	Cell 3	1	1			12/24/06	1:00	TX 1005 Extended (C35) ☒ PAH 8270C ☒ Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 ☒ TCLP Volatiles ☒ TCLP Semi Volatiles ☒ 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 ☒	
41	Cell 2	1	1			12/24/06	1:07	TX 1005 Extended (C35) ☒ PAH 8270C ☒ Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 ☒ TCLP Volatiles ☒ TCLP Semi Volatiles ☒ 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 ☒	
42	Cell 1	1	1			12/24/06	1:10	TX 1005 Extended (C35) ☒ PAH 8270C ☒ Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 ☒ TCLP Volatiles ☒ TCLP Semi Volatiles ☒ 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 ☒	
Temp Blank		1	1			12/24/06	15:00	TX 1005 Extended (C35) ☒ PAH 8270C ☒ Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 ☒ TCLP Volatiles ☒ TCLP Semi Volatiles ☒ 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 ☒	
Relinquished by: <u>[Signature]</u> Date: <u>12/28/06</u> Time: <u>15:00</u> Relinquished by: <u>[Signature]</u> Date: <u>12/28/06</u> Time: <u>15:00</u> Relinquished by: <u>[Signature]</u> Date: <u>12/28/06</u> Time: <u>15:00</u>		Received by: <u>[Signature]</u> Date: <u>12/28/06</u> Time: <u>15:00</u> Received by: <u>[Signature]</u> Date: <u>12/28/06</u> Time: <u>15:00</u> Received at Laboratory by: <u>[Signature]</u> Date: <u>12/28/06</u> Time: <u>15:00</u>		Remarks: <u>Please email results ASAP to Cmbenviroe@trac</u> ☐ Dry Weight Basis Required ☐ TRRP Report Required ☐ Check if Special Reporting Limits Are Needed					
Carrier # <u>6624 Howard 612 303 8046 880</u>									

Submission of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

ORIGINAL COPY

RECEIVED

NOV 13 2006

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

November 2, 2006
New Mexico Energy, Minerals, & Natural Resources Dept.
Oil Conservation Division Environmental Bureau
Attn: Mr. Ed Martin
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

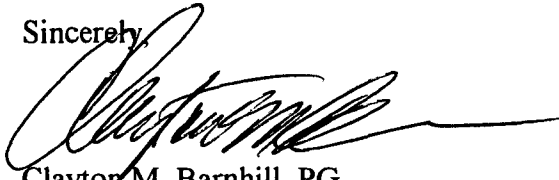
**Re: Submittal of Third Quarterly Monitoring Report for Year 2006
Gandy Marley Inc., Commercial Landfarm
Gandy Marley Inc., Operator / PRP
SW/4 of Section 4, SE/4 of Section 5, NE/4 of Section 8, & NW/4 of Section 9,
T. 11 S., R.31 E., NMPM
Chaves County, New Mexico
Commercial Landfarm Permit (NM-01-0019)**

Dear Mr. Martin:

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**

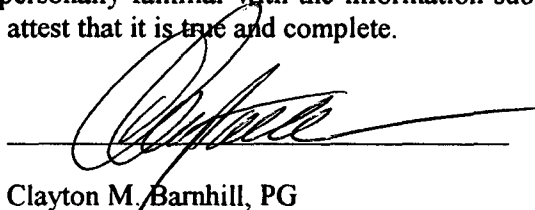
Please include the following information:

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: **November 2, 2006**

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. 12/31/06

Date:

11/02/2006

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 January of 2006, 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 2006 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 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 normally contains field notes with GPS Coordinates of sample points for this monitoring event, however the field notes and locations were lost and could not be recovered. Laboratory analysis reports of soil samples are in Appendix 3.

B. Quarter Highlights

Third quarter 2006 sampling / monitoring was performed on Friday October 13th, 2006. 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. 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

Figure		Included	N/A
1	Site Map	X	
2	Satellite Image / Topographic Map with sample locations plotted		X

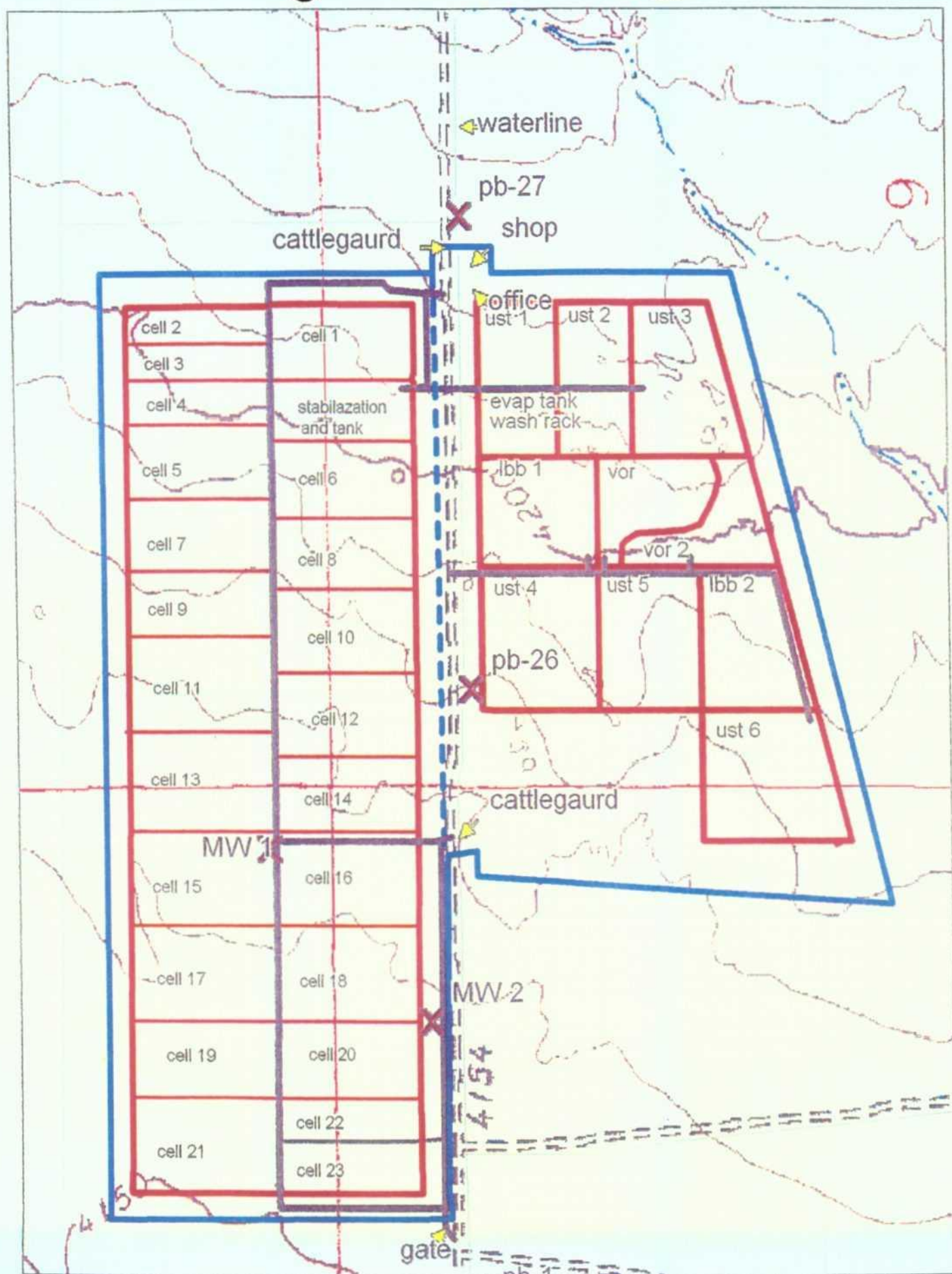
LIST OF TABLES

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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www.delorme.com

Scale 1 : 7,200
1" = 600 ft



TH 88 8.8°E

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

*** The field notes for this sampling event were inadvertently and unfortunately left in the field and buried along with the GPS Unit in the last sampled cell, or left on the tool box of the truck and lost in transit back to Roswell, NM. Both the GPS unit and field book could not be located or recovered.***

Appendix 3



6701 Aberdeen Avenue, Suite 9
155 McCutcheon, Suite H

Lubbock, Texas 79424 800•378•1296
El Paso, Texas 79932 888•588•3443
E-Mail: lab@traceanalysis.com

806•794•1296 FAX 806•794•1298
915•585•3443 FAX 915•585•4944

Analytical and Quality Control Report

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

Report Date: October 19, 2006

Work Order: 6101705



Project Location: Sec 4,5,8,9 T.11S.R.31E Chaves 6,NM
Project Name: Sampling NM-01-0019
Project Number: 3rd Quarter Soil Sampling 2006

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
105972	Cell 1	soil	2006-10-13	12:40	2006-10-17
105973	Cell 2	soil	2006-10-13	12:30	2006-10-17
105974	Cell 3	soil	2006-10-13	12:20	2006-10-17
105975	Cell 4	soil	2006-10-13	12:10	2006-10-17
105976	Cell 5	soil	2006-10-13	12:00	2006-10-17
105977	Cell 6	soil	2006-10-13	11:50	2006-10-17
105978	Cell 7	soil	2006-10-13	11:40	2006-10-17
105979	Cell 8	soil	2006-10-13	11:30	2006-10-17
105980	Cell 9	soil	2006-10-13	11:20	2006-10-17
105981	Cell 10	soil	2006-10-13	11:10	2006-10-17
105982	Cell 11	soil	2006-10-13	11:00	2006-10-17
105983	Cell 12	soil	2006-10-13	10:50	2006-10-17
105984	Cell 13	soil	2006-10-13	10:40	2006-10-17
105985	Cell 14	soil	2006-10-13	10:30	2006-10-17
105986	Cell 15	soil	2006-10-13	10:10	2006-10-17
105987	Cell 16	soil	2006-10-13	10:20	2006-10-17
105988	Cell 17	soil	2006-10-13	10:00	2006-10-17
105989	Cell 18	soil	2006-10-13	09:50	2006-10-17
105990	Cell 19	soil	2006-10-13	09:41	2006-10-17
105991	Cell 20	soil	2006-10-13	09:25	2006-10-17
105992	Cell 21	soil	2006-10-13	09:10	2006-10-17

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.

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A handwritten signature in black ink, appearing to read "Michael Appel".

Dr. Blair Leftwich, Director

Analytical Report

Sample: 105972 - Cell 1

Analysis: BTEX
QC Batch: 31027
Prep Batch: 27030

Analytical Method: S 8021B
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: S 5035
Analyzed By: MT
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)		0.956	mg/Kg	1	1.00	96	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)		0.951	mg/Kg	1	1.00	95	40.8 - 140.1

Sample: 105972 - Cell 1

Analysis: TPH 418.1
QC Batch: 31022
Prep Batch: 27019

Analytical Method: E 418.1
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: N/A
Analyzed By: SE
Prepared By: SE

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

Sample: 105973 - Cell 2

Analysis: BTEX
QC Batch: 31029
Prep Batch: 27031

Analytical Method: S 8021B
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: S 5035
Analyzed By: KB
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)		1.06	mg/Kg	1	1.00	106	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.29	mg/Kg	1	1.00	129	76.8 - 134

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Sample: 105973 - Cell 2

Analysis: TPH 418.1
QC Batch: 31022
Prep Batch: 27019

Analytical Method: E 418.1
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: N/A
Analyzed By: SE
Prepared By: SE

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

Sample: 105974 - Cell 3

Analysis: BTEX
QC Batch: 31029
Prep Batch: 27031

Analytical Method: S 8021B
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: S 5035
Analyzed By: KB
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	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.26	mg/Kg	1	1.00	126	76.8 - 134

Sample: 105974 - Cell 3

Analysis: TPH 418.1
QC Batch: 31022
Prep Batch: 27019

Analytical Method: E 418.1
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: N/A
Analyzed By: SE
Prepared By: SE

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

Sample: 105975 - Cell 4

Analysis: BTEX
QC Batch: 31029
Prep Batch: 27031

Analytical Method: S 8021B
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: S 5035
Analyzed By: KB
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

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Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.04	mg/Kg	1	1.00	104	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.26	mg/Kg	1	1.00	126	76.8 - 134

Sample: 105975 - Cell 4

Analysis: TPH 418.1
QC Batch: 31022
Prep Batch: 27019

Analytical Method: E 418.1
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: N/A
Analyzed By: SE
Prepared By: SE

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

Sample: 105976 - Cell 5

Analysis: BTEX
QC Batch: 31029
Prep Batch: 27031

Analytical Method: S 8021B
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: S 5035
Analyzed By: KB
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	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.24	mg/Kg	1	1.00	124	76.8 - 134

Sample: 105976 - Cell 5

Analysis: TPH 418.1
QC Batch: 31022
Prep Batch: 27019

Analytical Method: E 418.1
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: N/A
Analyzed By: SE
Prepared By: SE

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

Sample: 105977 - Cell 6

Analysis: BTEX
QC Batch: 31029
Prep Batch: 27031

Analytical Method: S 8021B
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: S 5035
Analyzed By: KB
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	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.20	mg/Kg	1	1.00	120	76.8 - 134

Sample: 105977 - Cell 6

Analysis: TPH 418.1	Analytical Method: E 418.1	Prep Method: N/A
QC Batch: 31022	Date Analyzed: 2006-10-17	Analyzed By: SE
Prep Batch: 27019	Sample Preparation: 2006-10-17	Prepared By: SE

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

Sample: 105978 - Cell 7

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5035
QC Batch: 31029	Date Analyzed: 2006-10-17	Analyzed By: KB
Prep Batch: 27031	Sample Preparation: 2006-10-17	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	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.25	mg/Kg	1	1.00	125	76.8 - 134

Sample: 105978 - Cell 7

Analysis: TPH 418.1	Analytical Method: E 418.1	Prep Method: N/A
QC Batch: 31022	Date Analyzed: 2006-10-17	Analyzed By: SE
Prep Batch: 27019	Sample Preparation: 2006-10-17	Prepared By: SE

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

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Sample: 105979 - Cell 8

Analysis: BTEX
QC Batch: 31029
Prep Batch: 27031

Analytical Method: S 8021B
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: S 5035
Analyzed By: KB
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	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.33	mg/Kg	1	1.00	133	76.8 - 134

Sample: 105979 - Cell 8

Analysis: TPH 418.1
QC Batch: 31022
Prep Batch: 27019

Analytical Method: E 418.1
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: N/A
Analyzed By: SE
Prepared By: SE

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

Sample: 105980 - Cell 9

Analysis: BTEX
QC Batch: 31029
Prep Batch: 27031

Analytical Method: S 8021B
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: S 5035
Analyzed By: KB
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	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.26	mg/Kg	1	1.00	126	76.8 - 134

Sample: 105980 - Cell 9

Analysis: TPH 418.1
QC Batch: 31022
Prep Batch: 27019

Analytical Method: E 418.1
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: N/A
Analyzed By: SE
Prepared By: SE

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

Sample: 105981 - Cell 10

Analysis: BTEX
QC Batch: 31029
Prep Batch: 27031

Analytical Method: S 8021B
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: S 5035
Analyzed By: KB
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	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.21	mg/Kg	1	1.00	121	76.8 - 134

Sample: 105981 - Cell 10

Analysis: TPH 418.1
QC Batch: 31022
Prep Batch: 27019

Analytical Method: E 418.1
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: N/A
Analyzed By: SE
Prepared By: SE

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

Sample: 105982 - Cell 11

Analysis: BTEX
QC Batch: 31029
Prep Batch: 27031

Analytical Method: S 8021B
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: S 5035
Analyzed By: KB
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	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.24	mg/Kg	1	1.00	124	76.8 - 134

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Sample: 105982 - Cell 11

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	31022	Date Analyzed:	2006-10-17	Analyzed By:	SE
Prep Batch:	27019	Sample Preparation:	2006-10-17	Prepared By:	SE

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

Sample: 105983 - Cell 12

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	31029	Date Analyzed:	2006-10-17	Analyzed By:	KB
Prep Batch:	27031	Sample Preparation:	2006-10-17	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)		1.06	mg/Kg	1	1.00	106	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.28	mg/Kg	1	1.00	128	76.8 - 134

Sample: 105983 - Cell 12

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	31022	Date Analyzed:	2006-10-17	Analyzed By:	SE
Prep Batch:	27019	Sample Preparation:	2006-10-17	Prepared By:	SE

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

Sample: 105984 - Cell 13

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	31029	Date Analyzed:	2006-10-17	Analyzed By:	KB
Prep Batch:	27031	Sample Preparation:	2006-10-17	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	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.25	mg/Kg	1	1.00	125	76.8 - 134

Sample: 105984 - Cell 13

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	31022	Date Analyzed:	2006-10-17	Analyzed By:	SE
Prep Batch:	27019	Sample Preparation:	2006-10-17	Prepared By:	SE

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

Sample: 105985 - Cell 14

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	31029	Date Analyzed:	2006-10-17	Analyzed By:	KB
Prep Batch:	27031	Sample Preparation:	2006-10-17	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)		1.06	mg/Kg	1	1.00	106	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.29	mg/Kg	1	1.00	129	76.8 - 134

Sample: 105985 - Cell 14

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	31022	Date Analyzed:	2006-10-17	Analyzed By:	SE
Prep Batch:	27019	Sample Preparation:	2006-10-17	Prepared By:	SE

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

Sample: 105986 - Cell 15

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	31029	Date Analyzed:	2006-10-17	Analyzed By:	KB
Prep Batch:	27031	Sample Preparation:	2006-10-17	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)		1.05	mg/Kg	1	1.00	105	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.28	mg/Kg	1	1.00	128	76.8 - 134

Sample: 105986 - Cell 15

Analysis: TPH 418.1 Analytical Method: E 418.1 Prep Method: N/A
QC Batch: 31022 Date Analyzed: 2006-10-17 Analyzed By: SE
Prep Batch: 27019 Sample Preparation: 2006-10-17 Prepared By: SE

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

Sample: 105987 - Cell 16

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
QC Batch: 31029 Date Analyzed: 2006-10-17 Analyzed By: KB
Prep Batch: 27031 Sample Preparation: 2006-10-17 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	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.30	mg/Kg	1	1.00	130	76.8 - 134

Sample: 105987 - Cell 16

Analysis: TPH 418.1 Analytical Method: E 418.1 Prep Method: N/A
QC Batch: 31022 Date Analyzed: 2006-10-17 Analyzed By: SE
Prep Batch: 27019 Sample Preparation: 2006-10-17 Prepared By: SE

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

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Sample: 105988 - Cell 17

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5035
QC Batch: 31029	Date Analyzed: 2006-10-17	Analyzed By: KB
Prep Batch: 27031	Sample Preparation: 2006-10-17	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)		0.981	mg/Kg	1	1.00	98	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.17	mg/Kg	1	1.00	117	76.8 - 134

Sample: 105988 - Cell 17

Analysis: TPH 418.1	Analytical Method: E 418.1	Prep Method: N/A
QC Batch: 31022	Date Analyzed: 2006-10-17	Analyzed By: SE
Prep Batch: 27019	Sample Preparation: 2006-10-17	Prepared By: SE

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

Sample: 105989 - Cell 18

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5035
QC Batch: 31029	Date Analyzed: 2006-10-17	Analyzed By: KB
Prep Batch: 27031	Sample Preparation: 2006-10-17	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	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.20	mg/Kg	1	1.00	120	76.8 - 134

Sample: 105989 - Cell 18

Analysis: TPH 418.1	Analytical Method: E 418.1	Prep Method: N/A
QC Batch: 31022	Date Analyzed: 2006-10-17	Analyzed By: SE
Prep Batch: 27019	Sample Preparation: 2006-10-17	Prepared By: SE

Report Date: October 19, 2006
3rd Quarter Soil Sampling 2006

Work Order: 6101705
Sampling NM-01-0019

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

Sample: 105990 - Cell 19

Analysis: BTEX
QC Batch: 31029
Prep Batch: 27031

Analytical Method: S 8021B
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: S 5035
Analyzed By: KB
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	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.22	mg/Kg	1	1.00	122	76.8 - 134

Sample: 105990 - Cell 19

Analysis: TPH 418.1
QC Batch: 31022
Prep Batch: 27019

Analytical Method: E 418.1
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: N/A
Analyzed By: SE
Prepared By: SE

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

Sample: 105991 - Cell 20

Analysis: BTEX
QC Batch: 31029
Prep Batch: 27031

Analytical Method: S 8021B
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: S 5035
Analyzed By: KB
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	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.20	mg/Kg	1	1.00	120	76.8 - 134

Report Date: October 19, 2006
3rd Quarter Soil Sampling 2006

Work Order: 6101705
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Sample: 105991 - Cell 20

Analysis: TPH 418.1
QC Batch: 31022
Prep Batch: 27019

Analytical Method: E 418.1
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: N/A
Analyzed By: SE
Prepared By: SE

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

Sample: 105992 - Cell 21

Analysis: BTEX
QC Batch: 31029
Prep Batch: 27031

Analytical Method: S 8021B
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: S 5035
Analyzed By: KB
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	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.19	mg/Kg	1	1.00	119	76.8 - 134

Sample: 105992 - Cell 21

Analysis: TPH 418.1
QC Batch: 31022
Prep Batch: 27019

Analytical Method: E 418.1
Date Analyzed: 2006-10-17
Sample Preparation: 2006-10-17

Prep Method: N/A
Analyzed By: SE
Prepared By: SE

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

Method Blank (1) QC Batch: 31022

QC Batch: 31022
Prep Batch: 27019

Date Analyzed: 2006-10-17
QC Preparation: 2006-10-17

Analyzed By: SE
Prepared By: SE

Parameter	Flag	MDL Result	Units	RL
TRPHC		<5.91	mg/Kg	10

Report Date: October 19, 2006
3rd Quarter Soil Sampling 2006

Work Order: 6101705
Sampling NM-01-0019

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Sec 4,5,8,9 T.IIS.R.31E Chaves 6,NM

Method Blank (1) QC Batch: 31027

QC Batch: 31027
Prep Batch: 27030

Date Analyzed: 2006-10-17
QC Preparation: 2006-10-17

Analyzed By: MT
Prepared By: MT

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00159	mg/Kg	0.01
Toluene		<0.00220	mg/Kg	0.01
Ethylbenzene		<0.00201	mg/Kg	0.01
Xylene		<0.00176	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.954	mg/Kg	1	1.00	95	77.1 - 104
4-Bromofluorobenzene (4-BFB)		0.788	mg/Kg	1	1.00	79	50.1 - 96.7

Method Blank (1) QC Batch: 31029

QC Batch: 31029
Prep Batch: 27031

Date Analyzed: 2006-10-17
QC Preparation: 2006-10-17

Analyzed By: KB
Prepared By: KB

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000644	mg/Kg	0.01
Toluene		<0.00194	mg/Kg	0.01
Ethylbenzene		<0.00347	mg/Kg	0.01
Xylene		<0.00340	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.824	mg/Kg	1	1.00	82	73.2 - 110
4-Bromofluorobenzene (4-BFB)		0.713	mg/Kg	1	1.00	71	61.1 - 119

Laboratory Control Spike (LCS-1)

QC Batch: 31022
Prep Batch: 27019

Date Analyzed: 2006-10-17
QC Preparation: 2006-10-17

Analyzed By: SE
Prepared By: SE

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TRPHC	274	mg/Kg	1	250	<5.91	110	86 - 118

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	274	mg/Kg	1	250	<5.91	110	86 - 118	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: 31027
Prep Batch: 27030

Date Analyzed: 2006-10-17
QC Preparation: 2006-10-17

Analyzed By: MT
Prepared By: MT

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	1.00	mg/Kg	1	1.00	<0.00159	100	74.2 - 127
Toluene	0.959	mg/Kg	1	1.00	<0.00220	96	72.4 - 120
Ethylbenzene	0.947	mg/Kg	1	1.00	<0.00201	95	74.7 - 120
Xylene	2.78	mg/Kg	1	3.00	<0.00176	93	75 - 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
Benzene	0.999	mg/Kg	1	1.00	<0.00159	100	74.2 - 127	0	20
Toluene	0.954	mg/Kg	1	1.00	<0.00220	95	72.4 - 120	0	20
Ethylbenzene	0.950	mg/Kg	1	1.00	<0.00201	95	74.7 - 120	0	20
Xylene	2.80	mg/Kg	1	3.00	<0.00176	93	75 - 116	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)	0.949	0.931	mg/Kg	1	1.00	95	93	71 - 124
4-Bromofluorobenzene (4-BFB)	0.924	0.912	mg/Kg	1	1.00	92	91	72.6 - 116

Laboratory Control Spike (LCS-1)

QC Batch: 31029
Prep Batch: 27031

Date Analyzed: 2006-10-17
QC Preparation: 2006-10-17

Analyzed By: KB
Prepared By: KB

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.977	mg/Kg	1	1.00	<0.000644	98	82.2 - 121
Toluene	0.951	mg/Kg	1	1.00	<0.00194	95	81 - 121
Ethylbenzene	0.934	mg/Kg	1	1.00	<0.00347	93	81.5 - 122
Xylene	2.78	mg/Kg	1	3.00	<0.00340	93	80.3 - 122

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	0.965	mg/Kg	1	1.00	<0.000644	96	82.2 - 121	1	20
Toluene	0.939	mg/Kg	1	1.00	<0.00194	94	81 - 121	1	20
Ethylbenzene	0.922	mg/Kg	1	1.00	<0.00347	92	81.5 - 122	1	20
Xylene	2.74	mg/Kg	1	3.00	<0.00340	91	80.3 - 122	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	1.00	mg/Kg	1	1.00	101	100	81 - 115
4-Bromofluorobenzene (4-BFB)	1.08	1.06	mg/Kg	1	1.00	108	106	77.9 - 123

Matrix Spike (MS-1) Spiked Sample: 105974

QC Batch: 31022
Prep Batch: 27019

Date Analyzed: 2006-10-17
QC Preparation: 2006-10-17

Analyzed By: SE
Prepared By: SE

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TRPHC	470	mg/Kg	1	500	<5.91	94	77.8 - 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
TRPHC	469	mg/Kg	1	500	<5.91	94	77.8 - 125	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: 105962

QC Batch: 31027
Prep Batch: 27030

Date Analyzed: 2006-10-17
QC Preparation: 2006-10-17

Analyzed By: MT
Prepared By: MT

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.921	mg/Kg	1	1.00	<0.00159	92	56.8 - 113
Toluene	0.839	mg/Kg	1	1.00	<0.00220	84	61.4 - 118
Ethylbenzene	0.880	mg/Kg	1	1.00	<0.00201	88	64.9 - 125
Xylene	2.64	mg/Kg	1	3.00	<0.00176	88	65.1 - 128

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	0.853	mg/Kg	1	1.00	<0.00159	85	56.8 - 113	8	20
Toluene	0.810	mg/Kg	1	1.00	<0.00220	81	61.4 - 118	4	20
Ethylbenzene	0.840	mg/Kg	1	1.00	<0.00201	84	64.9 - 125	5	20
Xylene	2.52	mg/Kg	1	3.00	<0.00176	84	65.1 - 128	5	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)	0.842	0.740	mg/Kg	1	1	84	74	77.6 - 112
4-Bromofluorobenzene (4-BFB)	0.869	0.766	mg/Kg	1	1	87	77	72.6 - 130

Matrix Spike (MS-1) Spiked Sample: 105973

QC Batch: 31029
Prep Batch: 27031

Date Analyzed: 2006-10-17
QC Preparation: 2006-10-17

Analyzed By: KB
Prepared By: KB

continued ...

¹Surrogate recovery out of control on MS/MSD due to matrix interference. LCS/LCSD show method to be in control.

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
Benzene	1.18	mg/Kg	1	1.00	<0.000644	118	45.4 - 133
Toluene	1.21	mg/Kg	1	1.00	<0.00194	121	46.1 - 140
Ethylbenzene	1.26	mg/Kg	1	1.00	<0.00347	126	46.1 - 157
Xylene	3.78	mg/Kg	1	3.00	<0.00340	126	48.6 - 151

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	1.20	mg/Kg	1	1.00	<0.000644	120	45.4 - 133	2	20
Toluene	1.24	mg/Kg	1	1.00	<0.00194	124	46.1 - 140	2	20
Ethylbenzene	1.28	mg/Kg	1	1.00	<0.00347	128	46.1 - 157	2	20
Xylene	3.86	mg/Kg	1	3.00	<0.00340	129	48.6 - 151	2	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)	1.16	1.13	mg/Kg	1	1	116	113	74.3 - 133
4-Bromofluorobenzene (4-BFB)	1.42	1.38	mg/Kg	1	1	142	138	76.8 - 134

Standard (ICV-1)

QC Batch: 31022

Date Analyzed: 2006-10-17

Analyzed By: SE

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	108	108	80 - 120	2006-10-17

Standard (CCV-1)

QC Batch: 31022

Date Analyzed: 2006-10-17

Analyzed By: SE

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	108	108	80 - 120	2006-10-17

Standard (ICV-1)

QC Batch: 31027

Date Analyzed: 2006-10-17

Analyzed By: MT

²Surrogate recovery out of control on MS/MSD due to matrix interference. LCS/LCSD show method to be in control.

³Surrogate recovery out of control on MS/MSD due to matrix interference. LCS/LCSD show method to be in control.

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0999	100	85 - 115	2006-10-17
Toluene		mg/Kg	0.100	0.0980	98	85 - 115	2006-10-17
Ethylbenzene		mg/Kg	0.100	0.0972	97	85 - 115	2006-10-17
Xylene		mg/Kg	0.300	0.286	95	85 - 115	2006-10-17

Standard (CCV-1)

QC Batch: 31027

Date Analyzed: 2006-10-17

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	0.102	102	85 - 115	2006-10-17
Toluene		mg/Kg	0.100	0.0976	98	85 - 115	2006-10-17
Ethylbenzene		mg/Kg	0.100	0.0960	96	85 - 115	2006-10-17
Xylene		mg/Kg	0.300	0.282	94	85 - 115	2006-10-17

Standard (ICV-1)

QC Batch: 31029

Date Analyzed: 2006-10-17

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	0.0962	96	85 - 115	2006-10-17
Toluene		mg/Kg	0.100	0.0964	96	85 - 115	2006-10-17
Ethylbenzene		mg/Kg	0.100	0.0931	93	85 - 115	2006-10-17
Xylene		mg/Kg	0.300	0.280	93	85 - 115	2006-10-17

Standard (CCV-1)

QC Batch: 31029

Date Analyzed: 2006-10-17

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	0.0916	92	85 - 115	2006-10-17
Toluene		mg/Kg	0.100	0.0897	90	85 - 115	2006-10-17
Ethylbenzene		mg/Kg	0.100	0.0899	90	85 - 115	2006-10-17
Xylene		mg/Kg	0.300	0.267	89	85 - 115	2006-10-17

Carrier # BUS 30362960

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST		ANALYSIS REQUEST					
LAB Order ID # <u>6101705</u>		(Circle or Specify Method No.)					
Trace Analysis, Inc. 6701 Aberdeen Avenue, Ste 9 Lubbock, Texas 79424 Tel (806) 794-1286 Fax (806) 794-1298 1 (800) 378-1296 email: lab@traceanalysis.com		Trace Analysis, Inc. 155 McCutcheon, Suite H El Paso, Texas 79932 Tel (915) 585-3443 Fax (915) 585-4944 1 (888) 588-3443					
Company Name: <u>Andy Marley Inc.</u> Address: <u>PO Box 1658 Roswell NM 88202-1658</u> Contact Person: <u>Bill Marley Project Mgr.</u> Invoice to: <u>505-626-6513 gandy2@kaco.net</u>		Project Name: <u>Quarterly Soil Sampling NM-01-0019</u> Project Location (including state): <u>Sec. 45, T.1S, R.31E, Chaves Co. NM</u> Project Number: <u>4518, 9</u>					
LAB #	FIELD CODE	# CONTAINERS	VOLUME / AMOUNT	MATRIX	PRESERVATIVE METHOD	DATE	TIME
105972	Cell 1	1	40g	X	SLUDGE	10/19/06	1240
73	Cell 2					1230	
74	Cell 3					1220	
75	Cell 4					1210	
76	Cell 5					1200	
77	Cell 6					1150	
78	Cell 7					1140	
79	Cell 8					1130	
80	Cell 9					1120	
81	Cell 10					1110	
82	Cell 11					1100	
Relinquished by: <u>[Signature]</u>		Received by: <u>[Signature]</u>		Date: <u>10/19/06</u>		Time: <u>0931</u>	
Relinquished by: <u>[Signature]</u>		Received by: <u>[Signature]</u>		Date: <u>10/19/06</u>		Time: <u>0931</u>	
Relinquished by: <u>[Signature]</u>		Received by: <u>[Signature]</u>		Date: <u>10/19/06</u>		Time: <u>0931</u>	

REMARKS: Please send copy of Results Map To: Cmben@roedfn.com

☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

Carrier # Bu 30306 N1090

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) 784-1236
Fax (806) 784-1238
1 (800) 378-1236
email: lab@traceanalysis.com

TraceAnalysis, Inc.

Company Name: Gandy Marley Inc. Phone #: 505-347-0434
Address: PO Box 1458 Roswell, NM 80202-1558 Fax #: 505-347-0435
Contact Person: Bill Marley Project Mgr. Email: 505-626-6513 gandy20@ccco.net
Invoice to: (if different from above)

Project #: 3rd Quarter Soil Sampling 2006 Project Name: Quarterly Soil Sampling NM-01-0019
Project Location (including state): Sec 4,5,8,9 T.IIS.R.31E Chaves 6 NM Sampler Signature: [Signature]

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX					PRESERVATIVE METHOD					DATE	TIME
				WATER	SOIL	AIR	SLUDGE		HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE		
1059 83	Cell 12	1	402	X										10/12/06	1050
84	Cell 13														1040
85	Cell 14														1030
86	Cell 15														1010
87	Cell 16														1020
88	Cell 17														1000
89	Cell 18														0950
90	Cell 19														0941
91	Cell 20														0925
92	Cell 21														0910
	Temp Blank	1	100	X											

Relinquished by: [Signature] Date: 10/19/06 Time: 0925
Relinquished by: [Signature] Date: 10/19/06 Time: 0925
Relinquished by: [Signature] Date: 10/19/06 Time: 0925

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
LAB Order ID # 4101705

ANALYSIS REQUEST (Circle or Specify Method No.)														
MTBE	8021B / 602 / 8260B / 624													
BTX	8021B / 602 / 8260B / 624													
TPH	4101 / TX1005 / TX1005 Ext(C35)													
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													

REMARKS: Please send copy of results asap to: cmbeviro@cdm.com
☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check if Special Reporting Limits Are Needed

July 21, 2006
New Mexico Energy, Minerals, & Natural Resources Dept.
Oil Conservation Division Environmental Bureau
Attn: Mr. Ed Martin
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Re: Submittal of Second Quarterly Monitoring Report for Year 2006
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. Martin:

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**

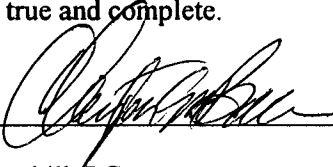
Please include the following information:

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: **July 21, 2006**

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.

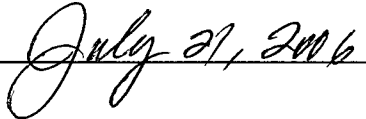
Title:

Sr. / Principal Geologist

Certified Scientist #:

0246, State of Texas Professional Geologist 6121, exp. 12/31/06

Date:



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 January of 2006, 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 2006 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 2006 sampling / monitoring was performed on June 30, 2006. 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

Figure		Included	N/A
1	Site Map / Topographic Map with soil sample locations plotted	X	
2	Satellite Image / Topographic Map with sample locations plotted		X

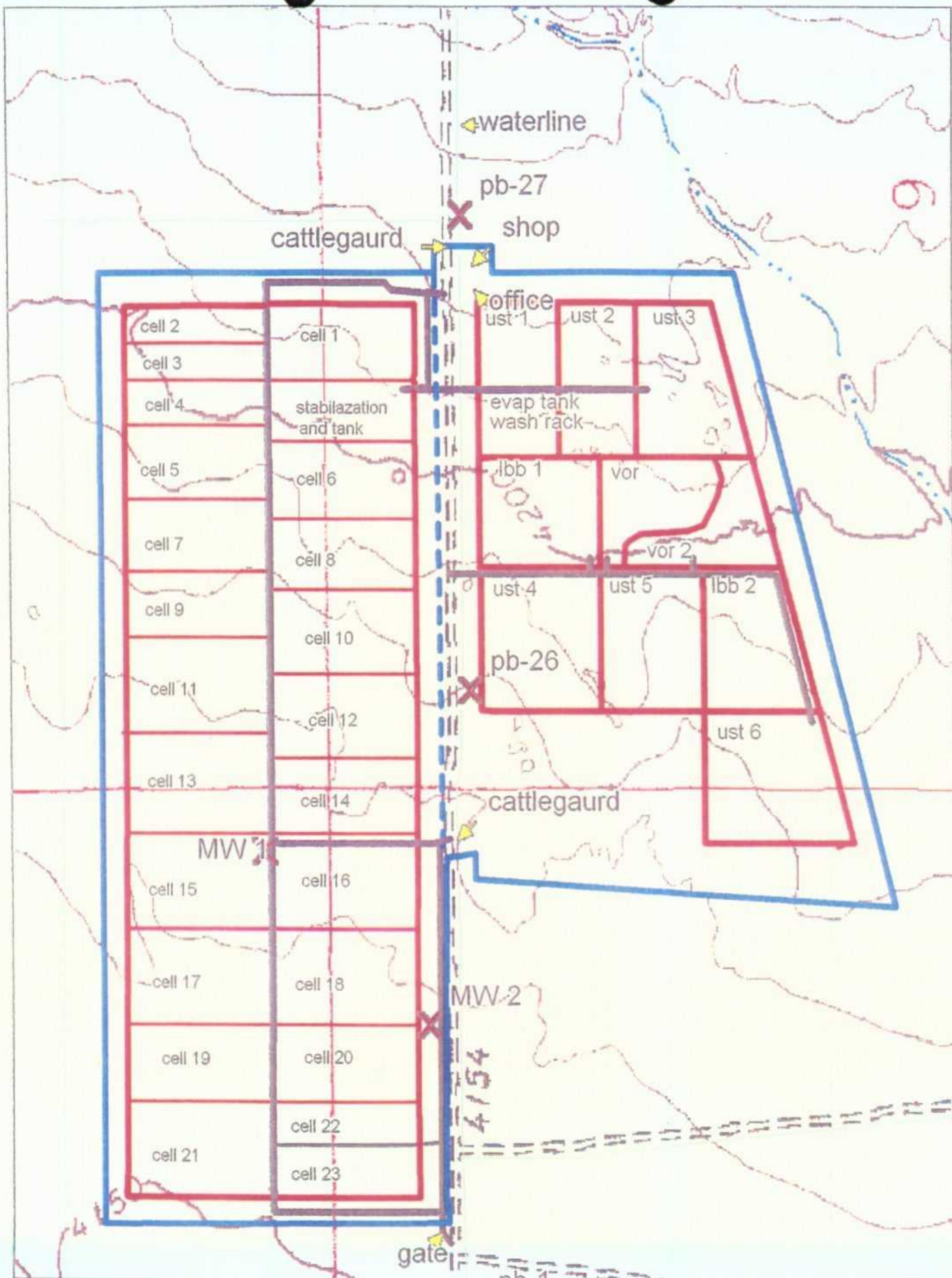
LIST OF TABLES

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:



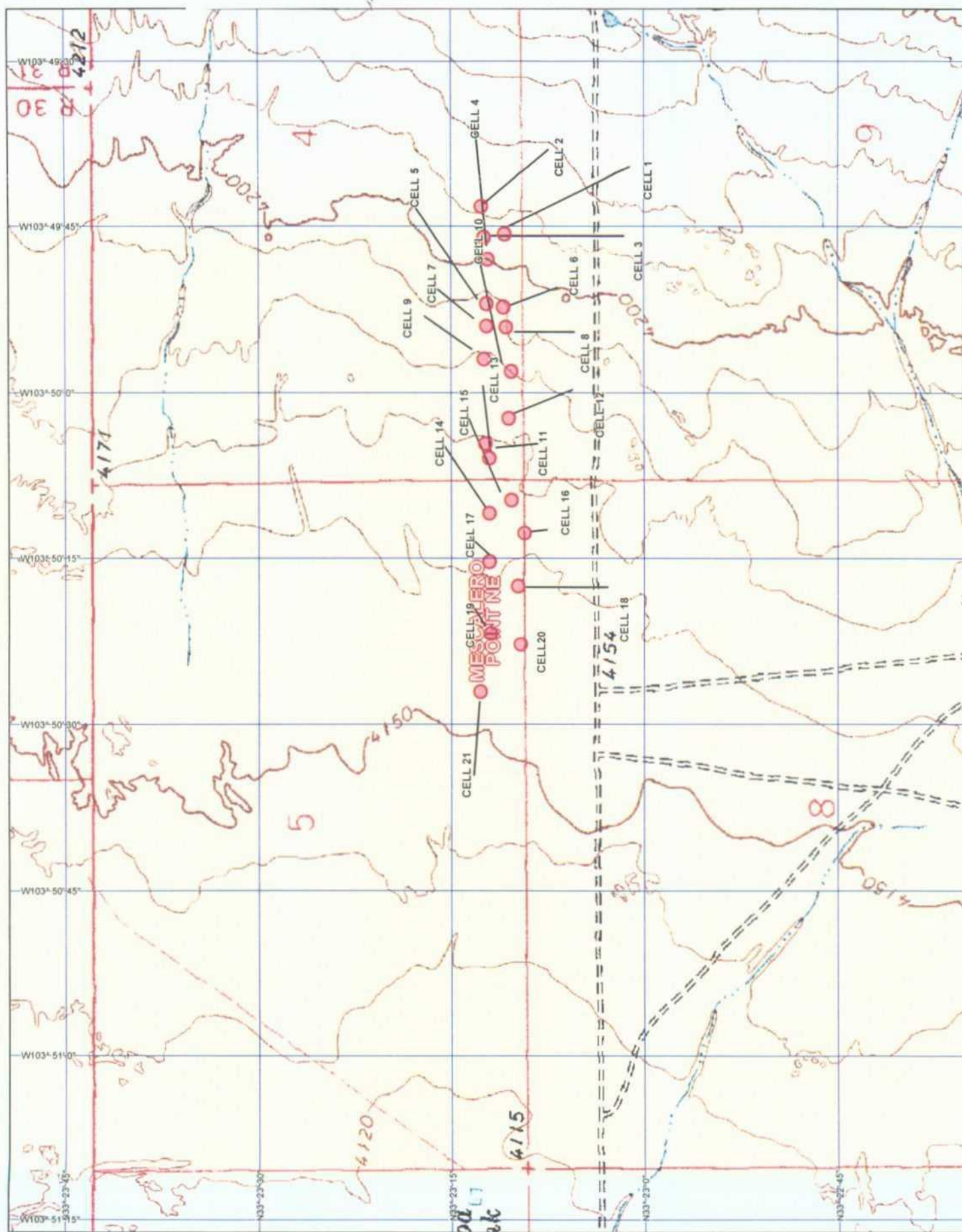
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www.delorme.com

Scale 1 : 7,200
1" = 600 ft



TH 111 9.0°E

GMI LANDFARM
SECOND QUARTER SOIL SAMPLING 2006
GPS LOCATIONS OF SOIL SAMPLES PLOTTED



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

Location GM Landfarm Date 6/30/06
 Project / Client 2nd Qtr Soil Sampling
 By CMR Page 1 of 4

Cell #	Time	GPS Coordinates	Remarks
CELL 21	0854	33'23'12.8 103'50'27.1	Brown SAND
CELL 20	0903	33'23'09.7 103'50'22.8	Brown Clayey Sand
CELL 19	0917	33'23'12.0 105'50'21.8	RED Clayey Sand
CELL 17	0923	33'23'12.1 105'50'15.3	Brown Clayey Sand w/ Caliche
CELL 18	0932	33'23'09.9 105'50'17.5	Brown Clayey Sand
CELL 16	0942	33'23'09.4 105'50'12.7	Brown Fine Sand
CELL 15	0948	33'23'12.1 105'50'10.9	Red Clayey Sand
CELL 14	0954	33'23'10.4 105'50'9.7	Brown Fine Sand

Location GM Landfarm Date 6/30/06
 Project / Client 2nd Qtr Soil Sampling
 By CMR Page 2 of 4

Cell #	Time	GPS Coords	Remarks
CELL 13	1001	33'23'12.1 103'50'05.9	Red Clayey Sand
CELL 11	1005	33'23'12.4 103'50'04.6	Brown Fine Sand
CELL 12	1012	33'23'10.6 103'50'02.3	Brown Clayey Sand
CELL 10	1018	33'23'10.4 103'49'58.1	Brown Hard Clayey Sand
CELL 9	1024	33'23'12.5 103'49'57.0	Red Fine Clayey Sand
CELL 8	1034	33'23'10.8 103'49'54.1	TAN FINE SAND
CELL 7	1038	33'23'12.3 103'49'54.0	Brown Fine Sand
CELL 6	1043	33'23'11.0 103'49'52.3	Brown Fine Sand

Location GML Landforms Date 6/30/06
 Project / Client 2nd Qtr 2006 Soil Sampling Page 3 of 4

CELL #	TIME	GPS Coord	Remarks
CELL 5	1050	33'23'12.3 103'49'52.0	Brown Clays Sand w/ Caliche
CELL 4	1059	33'23'12.2 103'49'48.0	Brown Fine SAND
CELL 3	1106	33'23'12.5 103'49'46.0	Red Fine SAND w/ Caliche
CELL 1	1111	33'23'10.9 103'49'47.7	Brown Fine SAND
CELL 2	1117	33'23'12.7 103'49'43.2	Red Fine Clayey Sand
UST 1	1134	33'22'59.6 103'49'46.4	Red Fine Sand
UST 2	1140	33'22'57.1 103'49'46.5	Red Clayey Sand
UST 3	1145	33'22'54.4 103'49'46.3	Red Fine Sand

Location GML Landforms Date 6/30/06
 Project / Client 2nd Qtr 2006 Soil Sampling Page 4 of 4

CELL #	TIME	GPS Coord	Remarks
UST 4	1152	33'22'58.5 103'49'57.3	Tan Fine Sand w/ Caliche
LBB 1	1159	33'22'59.7 103'49'55.9	Brown Fine w/ Caliche
VOR	1207	33'22'59.9 103'49'55.5	Red Clayey Sand w/ Caliche
UST 5	1212	33'22'59.9 103'49'57.5	Gray Fine SAND
LBB 2	1218	33'22'54.4 103'49'50.5	Brown Fine SAND
UST 6	1223	33'22'59.9 103'49'55.5	Brown Fine SAND

Appendix 3
Laboratory Analytical Results



6701 Aberdeen Avenue, Suite 9
155 McCutcheon, Suite H

Lubbock, Texas 79424
El Paso, Texas 79932

800•378•1296
888•588•3443

806•794•1296
915•585•3443

FAX 806•794•1298
FAX 915•585•4944

E-Mail lab@traceanalysis.com

Analytical and Quality Control Report

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

Report Date: July 5, 2006

Work Order: 6070319



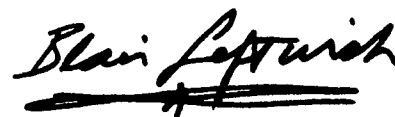
Project Location: Sec 4,5,8,9 T11 S R 31E Chaves Co. NM
Project Name: Qtr Soil Sampling NM-01 0019
Project Number: Second Quarter Soil Sampling 2006

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
94313	Cell 21	soil	2006-06-30	08:54	2006-07-03
94314	Cell 20	soil	2006-06-30	09:03	2006-07-03
94315	Cell 19	soil	2006-06-30	09:17	2006-07-03
94316	Cell 17	soil	2006-06-30	09:23	2006-07-03
94317	Cell 18	soil	2006-06-30	09:32	2006-07-03
94318	Cell 16	soil	2006-06-30	09:42	2006-07-03
94319	Cell 15	soil	2006-06-30	09:48	2006-07-03
94320	Cell 14	soil	2006-06-30	09:54	2006-07-03
94321	Cell 13	soil	2006-06-30	10:01	2006-07-03
94322	Cell 11	soil	2006-06-30	10:05	2006-07-03
94323	Cell 12	soil	2006-06-30	10:12	2006-07-03
94324	Cell 10	soil	2006-06-30	10:18	2006-07-03
94325	Cell 9	soil	2006-06-30	10:24	2006-07-03
94326	Cell 8	soil	2006-06-30	10:34	2006-07-03
94327	Cell 7	soil	2006-06-30	10:38	2006-07-03
94328	Cell 6	soil	2006-06-30	10:43	2006-07-03
94329	Cell 5	soil	2006-06-30	10:50	2006-07-03
94330	Cell 4	soil	2006-06-30	10:59	2006-07-03
94331	Cell 3	soil	2006-06-30	11:06	2006-07-03
94332	Cell 1	soil	2006-06-30	11:11	2006-07-03
94333	Cell 2	soil	2006-06-30	11:17	2006-07-03

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 22 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

A handwritten signature in black ink, reading "Blair Leftwich". The signature is written in a cursive style with a prominent horizontal line underneath the name.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 94313 - Cell 21

Analysis: BTEX
QC Batch: 27808
Prep Batch: 24376

Analytical Method: S 8021B
Date Analyzed: 2006-07-03
Sample Preparation: 2006-07-03

Prep Method: S 5035
Analyzed By: KB
Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.994	mg/Kg	10	0.100	99	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.06	mg/Kg	10	0.100	106	76.8 - 134

Sample: 94313 - Cell 21

Analysis: TPH 418.1
QC Batch: 27820
Prep Batch: 24385

Analytical Method: E 418.1
Date Analyzed: 2006-07-05
Sample Preparation: 2006-07-05

Prep Method: N/A
Analyzed By: JL
Prepared By: JL

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

Sample: 94314 - Cell 20

Analysis: BTEX
QC Batch: 27808
Prep Batch: 24376

Analytical Method: S 8021B
Date Analyzed: 2006-07-03
Sample Preparation: 2006-07-03

Prep Method: S 5035
Analyzed By: KB
Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.994	mg/Kg	10	0.100	99	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.06	mg/Kg	10	0.100	106	76.8 - 134

Sample: 94314 - Cell 20

Analysis: TPH 418.1
QC Batch: 27820
Prep Batch: 24385

Analytical Method: E 418.1
Date Analyzed: 2006-07-05
Sample Preparation: 2006-07-05

Prep Method: N/A
Analyzed By: JL
Prepared By: JL

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

Sample: 94315 - Cell 19

Analysis: BTEX
QC Batch: 27808
Prep Batch: 24376

Analytical Method: S 8021B
Date Analyzed: 2006-07-03
Sample Preparation: 2006-07-03

Prep Method: S 5035
Analyzed By: KB
Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.985	mg/Kg	10	0.100	98	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.05	mg/Kg	10	0.100	105	76.8 - 134

Sample: 94315 - Cell 19

Analysis: TPH 418.1
QC Batch: 27820
Prep Batch: 24385

Analytical Method: E 418.1
Date Analyzed: 2006-07-05
Sample Preparation: 2006-07-05

Prep Method: N/A
Analyzed By: JL
Prepared By: JL

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

Sample: 94316 - Cell 17

Analysis: BTEX
QC Batch: 27808
Prep Batch: 24376

Analytical Method: S 8021B
Date Analyzed: 2006-07-03
Sample Preparation: 2006-07-03

Prep Method: S 5035
Analyzed By: KB
Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Report Date: July 5, 2006
Second Quarter Soil Sampling 2006

Work Order: 6070319
Qtr Soil Sampling NM-01 0019

Page Number: 5 of 22
Sec 4,5,8,9 TII S R 31E Chaves Co. NM

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.02	mg/Kg	10	0.100	102	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.08	mg/Kg	10	0.100	108	76.8 - 134

Sample: 94316 - Cell 17

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	27820	Date Analyzed:	2006-07-05	Analyzed By:	JL
Prep Batch:	24385	Sample Preparation:	2006-07-05	Prepared By:	JL

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

Sample: 94317 - Cell 18

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	27808	Date Analyzed:	2006-07-03	Analyzed By:	KB
Prep Batch:	24376	Sample Preparation:	2006-07-03	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.01	mg/Kg	10	0.100	101	74.3 - 133
4-Bromofluorobenzene (4-BFB)		1.08	mg/Kg	10	0.100	108	76.8 - 134

Sample: 94317 - Cell 18

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	27820	Date Analyzed:	2006-07-05	Analyzed By:	JL
Prep Batch:	24385	Sample Preparation:	2006-07-05	Prepared By:	JL

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

Sample: 94318 - Cell 16

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	27802	Date Analyzed:	2006-07-03	Analyzed By:	KB
Prep Batch:	24372	Sample Preparation:	2006-07-03	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.955	mg/Kg	10	0.100	96	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)		1.17	mg/Kg	10	0.100	117	40.8 - 140.1

Sample: 94318 - Cell 16

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	27820	Date Analyzed:	2006-07-05	Analyzed By:	JL
Prep Batch:	24385	Sample Preparation:	2006-07-05	Prepared By:	JL

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

Sample: 94319 - Cell 15

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	27802	Date Analyzed:	2006-07-03	Analyzed By:	KB
Prep Batch:	24372	Sample Preparation:	2006-07-03	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.980	mg/Kg	10	0.100	98	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)		1.19	mg/Kg	10	0.100	119	40.8 - 140.1

Sample: 94319 - Cell 15

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	27820	Date Analyzed:	2006-07-05	Analyzed By:	JL
Prep Batch:	24385	Sample Preparation:	2006-07-05	Prepared By:	JL

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

Sample: 94320 - Cell 14

Analysis: BTEX
QC Batch: 27802
Prep Batch: 24372

Analytical Method: S 8021B
Date Analyzed: 2006-07-03
Sample Preparation: 2006-07-03

Prep Method: S 5035
Analyzed By: KB
Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.974	mg/Kg	10	0.100	97	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)		1.21	mg/Kg	10	0.100	121	40.8 - 140.1

Sample: 94320 - Cell 14

Analysis: TPH 418.1
QC Batch: 27820
Prep Batch: 24385

Analytical Method: E 418.1
Date Analyzed: 2006-07-05
Sample Preparation: 2006-07-05

Prep Method: N/A
Analyzed By: JL
Prepared By: JL

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

Sample: 94321 - Cell 13

Analysis: BTEX
QC Batch: 27802
Prep Batch: 24372

Analytical Method: S 8021B
Date Analyzed: 2006-07-03
Sample Preparation: 2006-07-03

Prep Method: S 5035
Analyzed By: KB
Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.971	mg/Kg	10	0.100	97	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)		1.22	mg/Kg	10	0.100	122	40.8 - 140.1

Sample: 94321 - Cell 13

Analysis: TPH 418.1
QC Batch: 27820
Prep Batch: 24385

Analytical Method: E 418.1
Date Analyzed: 2006-07-05
Sample Preparation: 2006-07-05

Prep Method: N/A
Analyzed By: JL
Prepared By: JL

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

Sample: 94322 - Cell 11

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5035
QC Batch: 27802	Date Analyzed: 2006-07-03	Analyzed By: KB
Prep Batch: 24372	Sample Preparation: 2006-07-03	Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.09	mg/Kg	10	0.100	109	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)		1.22	mg/Kg	10	0.100	122	40.8 - 140.1

Sample: 94322 - Cell 11

Analysis: TPH 418.1	Analytical Method: E 418.1	Prep Method: N/A
QC Batch: 27820	Date Analyzed: 2006-07-05	Analyzed By: JL
Prep Batch: 24385	Sample Preparation: 2006-07-05	Prepared By: JL

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

Sample: 94323 - Cell 12

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5035
QC Batch: 27802	Date Analyzed: 2006-07-03	Analyzed By: KB
Prep Batch: 24372	Sample Preparation: 2006-07-03	Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.918	mg/Kg	10	0.100	92	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)		1.20	mg/Kg	10	0.100	120	40.8 - 140.1

Sample: 94323 - Cell 12

Analysis: TPH 418.1
QC Batch: 27820
Prep Batch: 24385

Analytical Method: E 418.1
Date Analyzed: 2006-07-05
Sample Preparation: 2006-07-05

Prep Method: N/A
Analyzed By: JL
Prepared By: JL

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

Sample: 94324 - Cell 10

Analysis: BTEX
QC Batch: 27802
Prep Batch: 24372

Analytical Method: S 8021B
Date Analyzed: 2006-07-03
Sample Preparation: 2006-07-03

Prep Method: S 5035
Analyzed By: KB
Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.844	mg/Kg	10	0.100	84	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)		1.12	mg/Kg	10	0.100	112	40.8 - 140.1

Sample: 94324 - Cell 10

Analysis: TPH 418.1
QC Batch: 27820
Prep Batch: 24385

Analytical Method: E 418.1
Date Analyzed: 2006-07-05
Sample Preparation: 2006-07-05

Prep Method: N/A
Analyzed By: JL
Prepared By: JL

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

Sample: 94325 - Cell 9

Analysis: BTEX
QC Batch: 27802
Prep Batch: 24372

Analytical Method: S 8021B
Date Analyzed: 2006-07-03
Sample Preparation: 2006-07-03

Prep Method: S 5035
Analyzed By: KB
Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

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Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.893	mg/Kg	10	0.100	89	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)		1.16	mg/Kg	10	0.100	116	40.8 - 140.1

Sample: 94325 - Cell 9

Analysis: TPH 418.1
QC Batch: 27820
Prep Batch: 24385

Analytical Method: E 418.1
Date Analyzed: 2006-07-05
Sample Preparation: 2006-07-05

Prep Method: N/A
Analyzed By: JL
Prepared By: JL

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

Sample: 94326 - Cell 8

Analysis: BTEX
QC Batch: 27802
Prep Batch: 24372

Analytical Method: S 8021B
Date Analyzed: 2006-07-03
Sample Preparation: 2006-07-03

Prep Method: S 5035
Analyzed By: KB
Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.888	mg/Kg	10	0.100	89	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)		1.16	mg/Kg	10	0.100	116	40.8 - 140.1

Sample: 94326 - Cell 8

Analysis: TPH 418.1
QC Batch: 27820
Prep Batch: 24385

Analytical Method: E 418.1
Date Analyzed: 2006-07-05
Sample Preparation: 2006-07-05

Prep Method: N/A
Analyzed By: JL
Prepared By: JL

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

Sample: 94327 - Cell 7

Analysis: BTEX
QC Batch: 27802
Prep Batch: 24372

Analytical Method: S 8021B
Date Analyzed: 2006-07-03
Sample Preparation: 2006-07-03

Prep Method: S 5035
Analyzed By: KB
Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.893	mg/Kg	10	0.100	89	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)		1.16	mg/Kg	10	0.100	116	40.8 - 140.1

Sample: 94327 - Cell 7

Analysis: TPH 418.1	Analytical Method: E 418.1	Prep Method: N/A
QC Batch: 27820	Date Analyzed: 2006-07-05	Analyzed By: JL
Prep Batch: 24385	Sample Preparation: 2006-07-05	Prepared By: JL

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

Sample: 94328 - Cell 6

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5035
QC Batch: 27802	Date Analyzed: 2006-07-03	Analyzed By: KB
Prep Batch: 24372	Sample Preparation: 2006-07-03	Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.882	mg/Kg	10	0.100	88	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)		1.14	mg/Kg	10	0.100	114	40.8 - 140.1

Sample: 94328 - Cell 6

Analysis: TPH 418.1	Analytical Method: E 418.1	Prep Method: N/A
QC Batch: 27821	Date Analyzed: 2006-07-05	Analyzed By: JL
Prep Batch: 24385	Sample Preparation: 2006-07-05	Prepared By: JL

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

Sample: 94329 - Cell 5

Analysis: BTEX
QC Batch: 27802
Prep Batch: 24372

Analytical Method: S 8021B
Date Analyzed: 2006-07-03
Sample Preparation: 2006-07-03

Prep Method: S 5035
Analyzed By: KB
Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.834	mg/Kg	10	0.100	83	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)		1.11	mg/Kg	10	0.100	111	40.8 - 140.1

Sample: 94329 - Cell 5

Analysis: TPH 418.1
QC Batch: 27821
Prep Batch: 24385

Analytical Method: E 418.1
Date Analyzed: 2006-07-05
Sample Preparation: 2006-07-05

Prep Method: N/A
Analyzed By: JL
Prepared By: JL

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

Sample: 94330 - Cell 4

Analysis: BTEX
QC Batch: 27802
Prep Batch: 24372

Analytical Method: S 8021B
Date Analyzed: 2006-07-03
Sample Preparation: 2006-07-03

Prep Method: S 5035
Analyzed By: KB
Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.944	mg/Kg	10	0.100	94	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)		1.20	mg/Kg	10	0.100	120	40.8 - 140.1

Sample: 94330 - Cell 4

Analysis: TPH 418.1
QC Batch: 27821
Prep Batch: 24385

Analytical Method: E 418.1
Date Analyzed: 2006-07-05
Sample Preparation: 2006-07-05

Prep Method: N/A
Analyzed By: JL
Prepared By: JL

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

Sample: 94331 - Cell 3

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
QC Batch: 27802 Date Analyzed: 2006-07-03 Analyzed By: KB
Prep Batch: 24372 Sample Preparation: 2006-07-03 Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.868	mg/Kg	10	0.100	87	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)		1.06	mg/Kg	10	0.100	106	40.8 - 140.1

Sample: 94331 - Cell 3

Analysis: TPH 418.1 Analytical Method: E 418.1 Prep Method: N/A
QC Batch: 27821 Date Analyzed: 2006-07-05 Analyzed By: JL
Prep Batch: 24385 Sample Preparation: 2006-07-05 Prepared By: JL

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

Sample: 94332 - Cell 1

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
QC Batch: 27802 Date Analyzed: 2006-07-03 Analyzed By: KB
Prep Batch: 24372 Sample Preparation: 2006-07-03 Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.849	mg/Kg	10	0.100	85	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	10	0.100	109	40.8 - 140.1

Sample: 94332 - Cell 1

Analysis: TPH 418.1	Analytical Method: E 418.1	Prep Method: N/A
QC Batch: 27821	Date Analyzed: 2006-07-05	Analyzed By: JL
Prep Batch: 24385	Sample Preparation: 2006-07-05	Prepared By: JL

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

Sample: 94333 - Cell 2

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5035
QC Batch: 27802	Date Analyzed: 2006-07-03	Analyzed By: KB
Prep Batch: 24372	Sample Preparation: 2006-07-03	Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.898	mg/Kg	10	0.100	90	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)		1.15	mg/Kg	10	0.100	115	40.8 - 140.1

Sample: 94333 - Cell 2

Analysis: TPH 418.1	Analytical Method: E 418.1	Prep Method: N/A
QC Batch: 27821	Date Analyzed: 2006-07-05	Analyzed By: JL
Prep Batch: 24385	Sample Preparation: 2006-07-05	Prepared By: JL

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

Method Blank (1) QC Batch: 27802

QC Batch: 27802	Date Analyzed: 2006-07-03	Analyzed By: KB
Prep Batch: 24372	QC Preparation: 2006-07-03	Prepared By: KB

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.0159	mg/Kg	0.001
Toluene		<0.0220	mg/Kg	0.001
Ethylbenzene		<0.0201	mg/Kg	0.001
Xylene		<0.0176	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.04	mg/Kg	10	0.100	104	77.1 - 104
4-Bromofluorobenzene (4-BFB)		0.955	mg/Kg	10	0.100	96	50.1 - 96.7

Method Blank (1) QC Batch: 27808

QC Batch: 27808
Prep Batch: 24376

Date Analyzed: 2006-07-03
QC Preparation: 2006-07-03

Analyzed By: KB
Prepared By: KB

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00644	mg/Kg	0.001
Toluene		<0.0194	mg/Kg	0.001
Ethylbenzene		<0.0347	mg/Kg	0.001
Xylene		<0.0340	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.910	mg/Kg	10	0.100	91	73.2 - 110
4-Bromofluorobenzene (4-BFB)		0.912	mg/Kg	10	0.100	91	61.1 - 119

Method Blank (1) QC Batch: 27820

QC Batch: 27820
Prep Batch: 24385

Date Analyzed: 2006-07-05
QC Preparation: 2006-07-05

Analyzed By: JL
Prepared By: JL

Parameter	Flag	MDL Result	Units	RL
TRPHC		<5.91	mg/Kg	10

Method Blank (1) QC Batch: 27821

QC Batch: 27821
Prep Batch: 24385

Date Analyzed: 2006-07-05
QC Preparation: 2006-07-05

Analyzed By: JL
Prepared By: JL

Parameter	Flag	MDL Result	Units	RL
TRPHC		<5.91	mg/Kg	10

Laboratory Control Spike (LCS-1)

QC Batch: 27802
Prep Batch: 24372

Date Analyzed: 2006-07-03
QC Preparation: 2006-07-03

Analyzed By: KB
Prepared By: KB

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control spikes continued...

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	1.00	0.919	mg/Kg	10	0.100	<0.0159	100	8	80 - 120	20
Toluene	0.970	0.901	mg/Kg	10	0.100	<0.0220	97	7	80 - 120	20
Ethylbenzene	1.05	0.969	mg/Kg	10	0.100	<0.0201	105	8	80 - 120	20
Xylene	3.02	2.78	mg/Kg	10	0.300	<0.0176	101	8	80 - 120	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)	1.06	0.967	mg/Kg	10	0.100	106	97	80 - 120
4-Bromofluorobenzene (4-BFB)	1.20	1.15	mg/Kg	10	0.100	120	115	80 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 27808
Prep Batch: 24376

Date Analyzed: 2006-07-03
QC Preparation: 2006-07-03

Analyzed By: KB
Prepared By: KB

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	1.00	0.976	mg/Kg	10	0.100	<0.00644	100	2	82.2 - 121	20
Toluene	1.01	0.986	mg/Kg	10	0.100	<0.0194	101	2	81 - 121	20
Ethylbenzene	1.02	0.996	mg/Kg	10	0.100	<0.0347	102	2	81.5 - 122	20
Xylene	3.06	2.98	mg/Kg	10	0.300	<0.0340	102	3	80.3 - 122	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)	0.973	0.989	mg/Kg	10	0.100	97	99	81 - 115
4-Bromofluorobenzene (4-BFB)	0.986	1.00	mg/Kg	10	0.100	99	100	77.9 - 123

Laboratory Control Spike (LCS-1)

QC Batch: 27820
Prep Batch: 24385

Date Analyzed: 2006-07-05
QC Preparation: 2006-07-05

Analyzed By: JL
Prepared By: JL

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	233	244	mg/Kg	1	250	<5.91	93	5	86 - 118	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: 27821
Prep Batch: 24385

Date Analyzed: 2006-07-05
QC Preparation: 2006-07-05

Analyzed By: JL
Prepared By: JL

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Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	231	225	mg/Kg	1	250	<5.91	92	3	86 - 118	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: 94318

QC Batch: 27802
Prep Batch: 24372

Date Analyzed: 2006-07-03
QC Preparation: 2006-07-03

Analyzed By: KB
Prepared By: KB

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.781	0.737	mg/Kg	10	0.100	<0.0159	78	6	56.8 - 113	20
Toluene	0.861	0.786	mg/Kg	10	0.100	<0.0220	86	9	61.4 - 118	20
Ethylbenzene	1.11	1.01	mg/Kg	10	0.100	<0.0201	111	9	64.9 - 125	20
Xylene	3.23	2.94	mg/Kg	10	0.300	<0.0176	108	9	65.1 - 128	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)	0.901	0.914	mg/Kg	10	0.1	90	91	77.6 - 112
4-Bromofluorobenzene (4-BFB)	1.28	1.28	mg/Kg	10	0.1	128	128	72.6 - 130

Matrix Spike (MS-1) Spiked Sample: 94232

QC Batch: 27808
Prep Batch: 24376

Date Analyzed: 2006-07-03
QC Preparation: 2006-07-03

Analyzed By: KB
Prepared By: KB

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.911	0.900	mg/Kg	10	0.100	<0.00644	91	1	45.4 - 133	20
Toluene	0.965	0.944	mg/Kg	10	0.100	<0.0194	96	2	46.1 - 140	20
Ethylbenzene	1.05	1.02	mg/Kg	10	0.100	<0.0347	105	3	46.1 - 157	20
Xylene	3.19	3.09	mg/Kg	10	0.300	<0.0340	106	3	48.6 - 151	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)	1.09	1.08	mg/Kg	10	0.1	109	108	74.3 - 133
4-Bromofluorobenzene (4-BFB)	1.21	1.27	mg/Kg	10	0.1	121	127	76.8 - 134

Matrix Spike (MS-1) Spiked Sample: 94296

QC Batch: 27820
Prep Batch: 24385

Date Analyzed: 2006-07-05
QC Preparation: 2006-07-05

Analyzed By: JL
Prepared By: JL

continued ...

matrix spikes continued...

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	462	460	mg/Kg	1	250	110	141	0	77.8 - 125	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: 94330

QC Batch: 27821
Prep Batch: 24385

Date Analyzed: 2006-07-05
QC Preparation: 2006-07-05

Analyzed By: JL
Prepared By: JL

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	228	227	mg/Kg	1	250	<5.91	91	0	77.8 - 125	20

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

Standard (ICV-1)

QC Batch: 27802

Date Analyzed: 2006-07-03

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	0.0985	98	85 - 115	2006-07-03
Toluene		mg/Kg	0.100	0.0938	94	85 - 115	2006-07-03
Ethylbenzene		mg/Kg	0.100	0.102	102	85 - 115	2006-07-03
Xylene		mg/Kg	0.300	0.292	97	85 - 115	2006-07-03

Standard (CCV-1)

QC Batch: 27802

Date Analyzed: 2006-07-03

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	0.0958	96	85 - 115	2006-07-03
Toluene		mg/Kg	0.100	0.0977	98	85 - 115	2006-07-03
Ethylbenzene		mg/Kg	0.100	0.104	104	85 - 115	2006-07-03
Xylene		mg/Kg	0.300	0.301	100	85 - 115	2006-07-03

Standard (ICV-1)

QC Batch: 27808

Date Analyzed: 2006-07-03

Analyzed By: KB

¹Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.

²Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0979	98	85 - 115	2006-07-03
Toluene		mg/Kg	0.100	0.0990	99	85 - 115	2006-07-03
Ethylbenzene		mg/Kg	0.100	0.102	102	85 - 115	2006-07-03
Xylene		mg/Kg	0.300	0.304	101	85 - 115	2006-07-03

Standard (CCV-1)

QC Batch: 27808

Date Analyzed: 2006-07-03

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	0.0963	96	85 - 115	2006-07-03
Toluene		mg/Kg	0.100	0.0963	96	85 - 115	2006-07-03
Ethylbenzene		mg/Kg	0.100	0.0952	95	85 - 115	2006-07-03
Xylene		mg/Kg	0.300	0.285	95	85 - 115	2006-07-03

Standard (ICV-1)

QC Batch: 27820

Date Analyzed: 2006-07-05

Analyzed By: JL

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	80.4	80	80 - 120	2006-07-05

Standard (CCV-1)

QC Batch: 27820

Date Analyzed: 2006-07-05

Analyzed By: JL

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	85.0	85	80 - 120	2006-07-05

Standard (CCV-2)

QC Batch: 27820

Date Analyzed: 2006-07-05

Analyzed By: JL

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	81.1	81	80 - 120	2006-07-05

Standard (ICV-1)

QC Batch: 27821

Date Analyzed: 2006-07-05

Analyzed By: JL

Report Date: July 5, 2006
Second Quarter Soil Sampling 2006

Work Order: 6070319
Qtr Soil Sampling NM-01 0019

Page Number: 20 of 22
Sec 4,5,8,9 TII S R 31E Chaves Co. NM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	81.2	81	80 - 120	2006-07-05

Standard (CCV-1)

QC Batch: 27821

Date Analyzed: 2006-07-05

Analyzed By: JL

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	88.3	88	80 - 120	2006-07-05

Page 1 of 2

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST																																																																																																																																																																																												
LAB Order ID # 6070319																																																																																																																																																																																												
TraceAnalysis, Inc. 6701 Aberdeen Avenue, Ste 9 Lubbock, Texas 79624 Tel (806) 794-1236 Fax (806) 794-1238 email: lab@traceanalysis.com Phone #: 505-626-6513 Fax #: 505-347-0434 Address: 1 (Street, City, Zip) PO Box 1658 Russell A.M 88202 e-mail: gandy@traceanalysis.com Contact Person: Bill Morley Project Manager 505-626-6513																																																																																																																																																																																												
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Page 2 of 2

TraceAnalysis, Inc. 6701 Aberdeen Avenue, Ste. 9 Lubbock, Texas 79424 Tel (806) 794-1296 Fax (806) 794-1298 1 (800) 378-1266 email: lab@traceanalysis.com		153 McCutcheon, Suite H El Paso, Texas 79932 Tel (915) 585-3443 Fax (915) 585-4944 1 (888) 588-3443																																																																																																																																																																																																					
Company Name: <u>Candy Mackay Inc.</u> Address: <u>PO Box 1658 Roswell NM 88202</u> Contact Person: <u>Bill Mackay Project Manager</u> Invoice to: <u>(if different from above)</u> Project #: <u>Second Quarter Soil Sampling 2006</u> Project Location: <u>El Paso, NM</u>		Phone #: <u>505-626-6513</u> Fax #: <u>505-342-0434</u> e-mail: <u>gandy@traceanalysis.com</u> Project Name: <u>Charitable Sampling</u> Sampler Signature: <u>[Signature]</u>																																																																																																																																																																																																					
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ORIGINAL COPY

April 26, 2006
New Mexico Energy, Minerals, & Natural Resources Dept.
Oil Conservation Division Environmental Bureau
Attn: Mr. Ed Martin
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

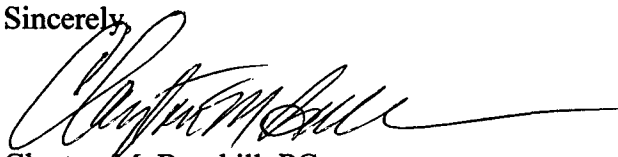
**Re: Submittal of First Quarterly Monitoring Report for Year 2006
Gandy Marley Inc., Commercial Landfarm
Gandy Marley Inc., Operator / PRP
SW/4 of Section 4, SE/4 of Section 5, NE/4 of Section 8, & NW/4 of Section 9,
T. 11 S., R.31 E., NMPM
Chaves County, New Mexico
Commercial Landfarm Permit (NM-01-0019)**

Dear Mr. Martin:

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
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cmbenviro@dfn.com

Cc: Gandy Marley Inc.

**COVER PAGE
QUARTERLY MONITORING REPORT**

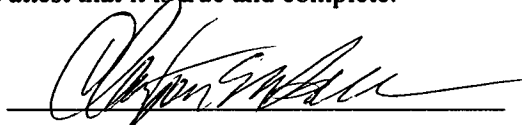
Please include the following information:

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: **April 26, 2006**

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.

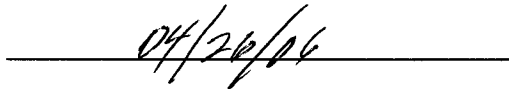
Title:

Sr. / Principal Geologist

Certified Scientist #:

0246, State of Texas Professional Geologist 6121, exp. 12/31/06

Date:



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 January of 2006, 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 first quarter of monitoring year 2006 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

First quarter 2006 sampling / monitoring was performed on March 28, 2006. 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. is 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

Figure		Included	N/A
1	Site Map / Topographic Map with soil sample locations plotted	X	
2	Satellite Image / Topographic Map with sample locations plotted		X

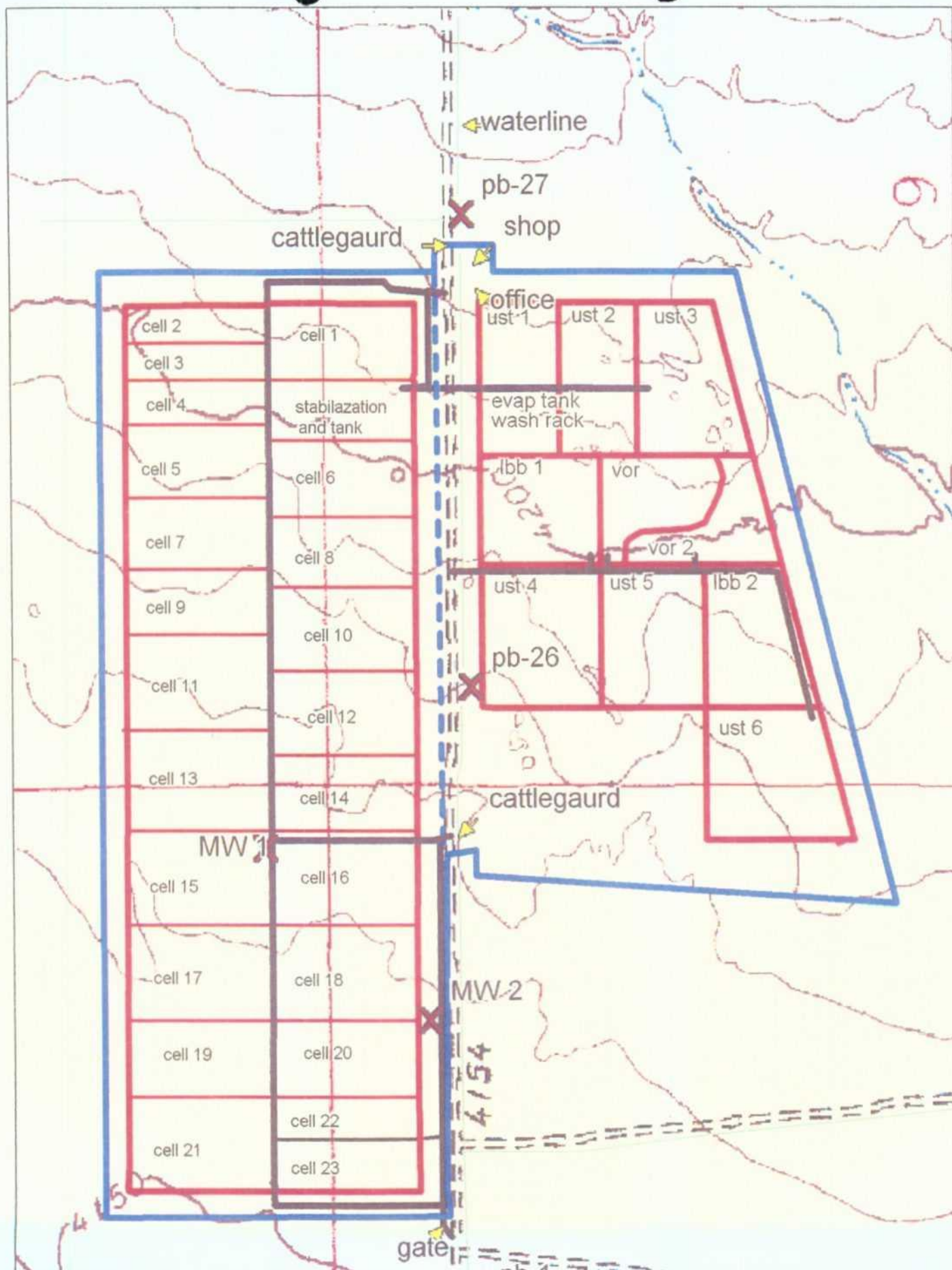
LIST OF TABLES

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

LIST OF APPENDICES

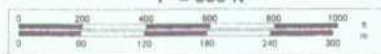
Appendix	Included	N/A
1 Sampling Protocol	X	
2 Field Notes /with GPS Coordinates of samples	X	
3 Laboratory Reports	X	

Figures:



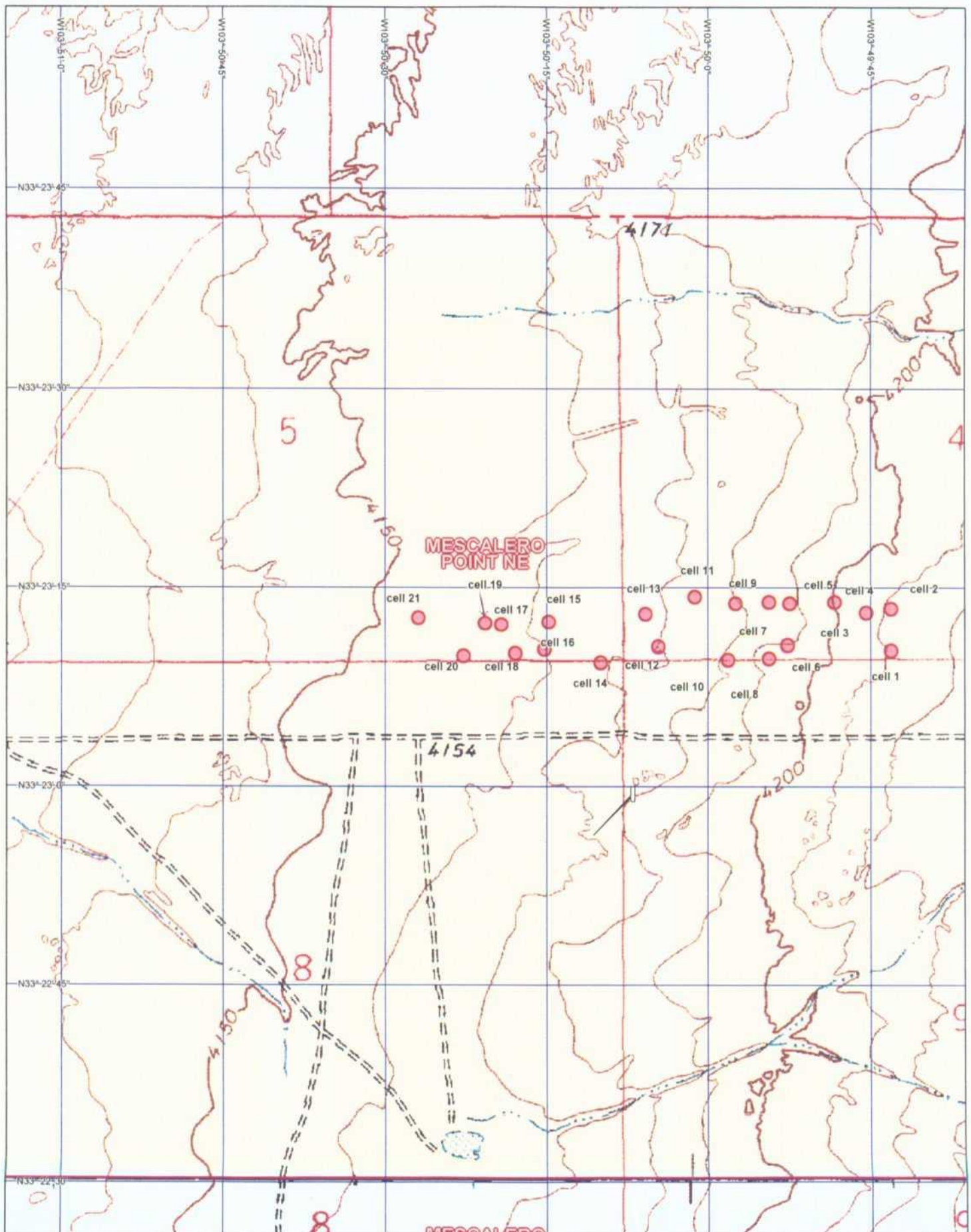
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www.delorme.com

Scale 1 : 7,200
1" = 600 ft



TN MN N 0°E

GMI Landfarm First Quarter 2006 Soil Sampling
GPS Locations of Soil Samples Plotted on USGS Topographic Map



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

Location 13/111 Land Tarm Date 03/28/06

Project / Client 1st Quarter Sampling 2006

AMS Environmental & Geological Services Inc.

Page 1 of 4 By: CMB

Cell#	Time	GPS Coords	Remarks
19	0930	N 33° 23' 12.3" W 103° 50' 20.7"	Red clayey sand No odor or staining
17	0945	33° 23' 12.2" 103° 50' 19.2"	Tan brown - white clayey sand w/ calcite nodules No odor or staining
16	0957	33° 23' 10.2" 103° 50' 15.2"	Tan brown - white clayey sand w/ calcite nodules No odor or staining
15	1011	33° 23' 12.4" 103° 50' 14.8"	Tan brown - white clayey sand w/ calcite nodules No odor or staining
14	1022	33° 23' 09.3" 103° 50' 10.0"	Tan brown - red to green clayey sand w/ calcite nodules No odor or staining
13	1032	33° 23' 13.0" 103° 50' 05.8"	Brown - tan clayey sand No odor or staining
			036" Below lift Bottom.

Location GMI Land Tarm Date 03/28/06

Project / Client 1st Quarter Sampling 2006

Page 2 of 4 By: CMB

Cell#	Time	GPS Coords	Remarks
12	1044	33° 23' 10.5" 103° 50' 04.6"	Red - brown clayey sand No odor or staining
11	1056	33° 23' 14.3" 103° 50' 01.2"	Tan brown clayey sand w/ calcite nodules No odor or staining
10	1106	33° 23' 09.5" 103° 49' 58.1"	Tan brown clayey sand No odor or staining
9	1116	33° 23' 13.8" 103° 49' 57.4"	Brown clayey sand w/ calcite nodules No odor or staining
8	1125	33° 23' 09.6" 103° 49' 54.3"	Brown clayey sand w/ calcite nodules No odor or staining
7	1135	33° 23' 13.9" 103° 49' 54.3"	Brown - tan clayey sand w/ calcite nodules No odor or staining
			024" Below lift Bottom

Location

CMT Landfarm

Date

03/26/06

Project / Client

1st Quarter Sampling 2006

Page 3 of 4 By: CMB

Cell # Time GPS Coordinates Remarks

6	1147	33° 23' 10.6"	Red-Brown Clayey Sand Caliche No odor or staining
		103° 49' 52.6"	
		036" Below L.H. Bottom	
5	1156	33° 23' 13.8"	Tan brown Clayey sand Coriander mix No odor or staining
		103° 49' 52.4"	
		026" Below L.H. Bottom	
4	1207	33° 23' 13.9"	Tan brown Clayey sand w/ Caliche No odor or staining
		103° 49' 48.3"	
		036" Below Bottom of L.H.	
3	1217	33° 23' 13.1"	Red clayey Sand No odor or staining
		103° 49' 45.4"	
		036" Below Bottom of L.H.	
1	1227	33° 23' 10.2"	Brown Clayey Sand Caliche No odor or staining
		103° 49' 43.1"	
		036" Below Bottom of L.H.	
2	1235	33° 23' 13.4"	Red Clayey Sand 036" Below L.H. Surface No odor or staining
		103° 49' 43.1"	

Location

CMT Landfarm

Date

03/26/06

Project / Client

1st Quarter Sampling 2006

Page 4 of 4 By: CMB

Cell # Time GPS Coordinates Remarks

18	14144	33° 23' 10.0"	Taken from Sample Tube North Tube
		103° 50' 17.9"	
		011' BGS	
		Brown Clayey Sand No odor or staining	
20	14155	33° 23' 09.8"	Taken from North Sample Tube
		103° 50' 22.7"	
		Brown Clayey Sand No odor or staining	
		010' BGS	
21	1500	33° 23' 12.7"	Taken from South Sample Tube
		103° 50' 26.9"	
		Tan-white Clayey Sand Caliche mix	
		010' BGS	

Appendix 3
Laboratory Analysis



6701 Aberdeen Avenue, Suite 9
155 McCutcheon, Suite H

Lubbock, Texas 79424
El Paso, Texas 79932

800•378•1296
888•588•3443

806•794•1296
915•585•3443

FAX 806•794•1298
FAX 915•585•4944

E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

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

Report Date: April 5, 2006

Work Order: 6040314



Project Location: Sec 4,5,8,9 Till S R 31E Chaves Co. NM
Project Name: Qtr Soil Sampling NM-01 0019
Project Number: First Quarter Soil Sampling 2006

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
87504	Cell 19	soil	2006-03-28	09:30	2006-04-01
87505	Cell 17	soil	2006-03-28	09:45	2006-04-01
87506	Cell 16	soil	2006-03-28	09:57	2006-04-01
87507	Cell 15	soil	2006-03-28	10:11	2006-04-01
87508	Cell 14	soil	2006-03-28	10:22	2006-04-01
87509	Cell 13	soil	2006-03-28	10:32	2006-04-01
87510	Cell 12	soil	2006-03-28	10:44	2006-04-01
87511	Cell 11	soil	2006-03-28	10:56	2006-04-01
87512	Cell 10	soil	2006-03-28	11:06	2006-04-01
87513	Cell 9	soil	2006-03-28	11:16	2006-04-01
87514	Cell 8	soil	2006-03-28	11:25	2006-04-01
87515	Cell 7	soil	2006-03-28	11:35	2006-04-01
87516	Cell 6	soil	2006-03-28	11:47	2006-04-01
87517	Cell 5	soil	2006-03-28	11:56	2006-04-01
87518	Cell 4	soil	2006-03-28	12:07	2006-04-01
87519	Cell 3	soil	2006-03-28	12:17	2006-04-01
87520	Cell 1	soil	2006-03-28	12:27	2006-04-01
87521	Cell 2	soil	2006-03-28	12:35	2006-04-01
87522	Cell 18	soil	2006-03-28	14:44	2006-04-01
87523	Cell 20	soil	2006-03-28	14:55	2006-04-01
87524	Cell 21	soil	2006-03-28	15:00	2006-04-01

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.

A handwritten signature in black ink, appearing to read "Michael Appel".

Dr. Blair Leftwich, Director

Analytical Report

Sample: 87504 - Cell 19

Analysis: BTEX
QC Batch: 25652
Prep Batch: 22519

Analytical Method: S 8021B
Date Analyzed: 2006-04-03
Sample Preparation: 2006-04-03

Prep Method: S 5035
Analyzed By: KB
Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.908	mg/Kg	10	0.100	91	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.976	mg/Kg	10	0.100	98	76.8 - 134

Sample: 87504 - Cell 19

Analysis: TPH 418.1
QC Batch: 25687
Prep Batch: 22552

Analytical Method: E 418.1
Date Analyzed: 2006-04-05
Sample Preparation: 2006-04-04

Prep Method: N/A
Analyzed By: JL
Prepared By: JL

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

Sample: 87505 - Cell 17

Analysis: BTEX
QC Batch: 25652
Prep Batch: 22519

Analytical Method: S 8021B
Date Analyzed: 2006-04-03
Sample Preparation: 2006-04-03

Prep Method: S 5035
Analyzed By: KB
Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.903	mg/Kg	10	0.100	90	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.983	mg/Kg	10	0.100	98	76.8 - 134

Sample: 87505 - Cell 17

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	25687	Date Analyzed:	2006-04-05	Analyzed By:	JL
Prep Batch:	22552	Sample Preparation:	2006-04-04	Prepared By:	JL

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

Sample: 87506 - Cell 16

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	25652	Date Analyzed:	2006-04-03	Analyzed By:	KB
Prep Batch:	22519	Sample Preparation:	2006-04-03	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.906	mg/Kg	10	0.100	91	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.975	mg/Kg	10	0.100	98	76.8 - 134

Sample: 87506 - Cell 16

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	25687	Date Analyzed:	2006-04-05	Analyzed By:	JL
Prep Batch:	22552	Sample Preparation:	2006-04-04	Prepared By:	JL

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

Sample: 87507 - Cell 15

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	25652	Date Analyzed:	2006-04-03	Analyzed By:	KB
Prep Batch:	22519	Sample Preparation:	2006-04-03	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.901	mg/Kg	10	0.100	90	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.962	mg/Kg	10	0.100	96	76.8 - 134

Sample: 87507 - Cell 15

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	25687	Date Analyzed:	2006-04-05	Analyzed By:	JL
Prep Batch:	22552	Sample Preparation:	2006-04-04	Prepared By:	JL

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

Sample: 87508 - Cell 14

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	25652	Date Analyzed:	2006-04-03	Analyzed By:	KB
Prep Batch:	22519	Sample Preparation:	2006-04-03	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.903	mg/Kg	10	0.100	90	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.980	mg/Kg	10	0.100	98	76.8 - 134

Sample: 87508 - Cell 14

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	25687	Date Analyzed:	2006-04-05	Analyzed By:	JL
Prep Batch:	22552	Sample Preparation:	2006-04-04	Prepared By:	JL

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

Sample: 87509 - Cell 13

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	25652	Date Analyzed:	2006-04-03	Analyzed By:	KB
Prep Batch:	22519	Sample Preparation:	2006-04-03	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.902	mg/Kg	10	0.100	90	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.974	mg/Kg	10	0.100	97	76.8 - 134

Sample: 87509 - Cell 13

Analysis: TPH 418.1	Analytical Method: E 418.1	Prep Method: N/A
QC Batch: 25687	Date Analyzed: 2006-04-05	Analyzed By: JL
Prep Batch: 22552	Sample Preparation: 2006-04-04	Prepared By: JL

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

Sample: 87510 - Cell 12

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5035
QC Batch: 25652	Date Analyzed: 2006-04-03	Analyzed By: KB
Prep Batch: 22519	Sample Preparation: 2006-04-03	Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.901	mg/Kg	10	0.100	90	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.976	mg/Kg	10	0.100	98	76.8 - 134

Sample: 87510 - Cell 12

Analysis: TPH 418.1	Analytical Method: E 418.1	Prep Method: N/A
QC Batch: 25687	Date Analyzed: 2006-04-05	Analyzed By: JL
Prep Batch: 22552	Sample Preparation: 2006-04-04	Prepared By: JL

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

Sample: 87511 - Cell 11

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	25653	Date Analyzed:	2006-04-03	Analyzed By:	KB
Prep Batch:	22520	Sample Preparation:	2006-04-03	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.897	mg/Kg	10	0.100	90	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.949	mg/Kg	10	0.100	95	76.8 - 134

Sample: 87511 - Cell 11

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	25687	Date Analyzed:	2006-04-05	Analyzed By:	JL
Prep Batch:	22552	Sample Preparation:	2006-04-04	Prepared By:	JL

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

Sample: 87512 - Cell 10

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	25653	Date Analyzed:	2006-04-03	Analyzed By:	KB
Prep Batch:	22520	Sample Preparation:	2006-04-03	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.909	mg/Kg	10	0.100	91	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.981	mg/Kg	10	0.100	98	76.8 - 134

Sample: 87512 - Cell 10

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	25687	Date Analyzed:	2006-04-05	Analyzed By:	JL
Prep Batch:	22552	Sample Preparation:	2006-04-04	Prepared By:	JL

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

Sample: 87513 - Cell 9

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
QC Batch: 25653 Date Analyzed: 2006-04-03 Analyzed By: KB
Prep Batch: 22520 Sample Preparation: 2006-04-03 Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.893	mg/Kg	10	0.100	89	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.952	mg/Kg	10	0.100	95	76.8 - 134

Sample: 87513 - Cell 9

Analysis: TPH 418.1 Analytical Method: E 418.1 Prep Method: N/A
QC Batch: 25687 Date Analyzed: 2006-04-05 Analyzed By: JL
Prep Batch: 22552 Sample Preparation: 2006-04-04 Prepared By: JL

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

Sample: 87514 - Cell 8

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
QC Batch: 25653 Date Analyzed: 2006-04-03 Analyzed By: KB
Prep Batch: 22520 Sample Preparation: 2006-04-03 Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.890	mg/Kg	10	0.100	89	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.960	mg/Kg	10	0.100	96	76.8 - 134

Sample: 87514 - Cell 8

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	25687	Date Analyzed:	2006-04-05	Analyzed By:	JL
Prep Batch:	22552	Sample Preparation:	2006-04-04	Prepared By:	JL

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

Sample: 87515 - Cell 7

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	25653	Date Analyzed:	2006-04-03	Analyzed By:	KB
Prep Batch:	22520	Sample Preparation:	2006-04-03	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.888	mg/Kg	10	0.100	89	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.947	mg/Kg	10	0.100	95	76.8 - 134

Sample: 87515 - Cell 7

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	25687	Date Analyzed:	2006-04-05	Analyzed By:	JL
Prep Batch:	22552	Sample Preparation:	2006-04-04	Prepared By:	JL

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

Sample: 87516 - Cell 6

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	25653	Date Analyzed:	2006-04-03	Analyzed By:	KB
Prep Batch:	22520	Sample Preparation:	2006-04-03	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.890	mg/Kg	10	0.100	89	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.951	mg/Kg	10	0.100	95	76.8 - 134

Sample: 87516 - Cell 6

Analysis: TPH 418.1 Analytical Method: E 418.1 Prep Method: N/A
QC Batch: 25687 Date Analyzed: 2006-04-05 Analyzed By: JL
Prep Batch: 22552 Sample Preparation: 2006-04-04 Prepared By: JL

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

Sample: 87517 - Cell 5

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
QC Batch: 25653 Date Analyzed: 2006-04-03 Analyzed By: KB
Prep Batch: 22520 Sample Preparation: 2006-04-03 Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.902	mg/Kg	10	0.100	90	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.955	mg/Kg	10	0.100	96	76.8 - 134

Sample: 87517 - Cell 5

Analysis: TPH 418.1 Analytical Method: E 418.1 Prep Method: N/A
QC Batch: 25687 Date Analyzed: 2006-04-05 Analyzed By: JL
Prep Batch: 22552 Sample Preparation: 2006-04-04 Prepared By: JL

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

Sample: 87518 - Cell 4

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
QC Batch: 25653 Date Analyzed: 2006-04-03 Analyzed By: KB
Prep Batch: 22520 Sample Preparation: 2006-04-03 Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.888	mg/Kg	10	0.100	89	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.946	mg/Kg	10	0.100	95	76.8 - 134

Sample: 87518 - Cell 4

Analysis: TPH 418.1	Analytical Method: E 418.1	Prep Method: N/A
QC Batch: 25687	Date Analyzed: 2006-04-05	Analyzed By: JL
Prep Batch: 22552	Sample Preparation: 2006-04-04	Prepared By: JL

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

Sample: 87519 - Cell 3

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5035
QC Batch: 25653	Date Analyzed: 2006-04-03	Analyzed By: KB
Prep Batch: 22520	Sample Preparation: 2006-04-03	Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.897	mg/Kg	10	0.100	90	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.944	mg/Kg	10	0.100	94	76.8 - 134

Sample: 87519 - Cell 3

Analysis: TPH 418.1	Analytical Method: E 418.1	Prep Method: N/A
QC Batch: 25688	Date Analyzed: 2006-04-05	Analyzed By: JL
Prep Batch: 22552	Sample Preparation: 2006-04-04	Prepared By: JL

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

Sample: 87520 - Cell 1

Analysis: BTEX
QC Batch: 25653
Prep Batch: 22520

Analytical Method: S 8021B
Date Analyzed: 2006-04-03
Sample Preparation: 2006-04-03

Prep Method: S 5035
Analyzed By: KB
Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.877	mg/Kg	10	0.100	88	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.948	mg/Kg	10	0.100	95	76.8 - 134

Sample: 87520 - Cell 1

Analysis: TPH 418.1
QC Batch: 25688
Prep Batch: 22552

Analytical Method: E 418.1
Date Analyzed: 2006-04-05
Sample Preparation: 2006-04-04

Prep Method: N/A
Analyzed By: JL
Prepared By: JL

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

Sample: 87521 - Cell 2

Analysis: BTEX
QC Batch: 25653
Prep Batch: 22520

Analytical Method: S 8021B
Date Analyzed: 2006-04-03
Sample Preparation: 2006-04-03

Prep Method: S 5035
Analyzed By: KB
Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.888	mg/Kg	10	0.100	89	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.938	mg/Kg	10	0.100	94	76.8 - 134

Sample: 87521 - Cell 2

Analysis: TPH 418.1
QC Batch: 25688
Prep Batch: 22552

Analytical Method: E 418.1
Date Analyzed: 2006-04-05
Sample Preparation: 2006-04-04

Prep Method: N/A
Analyzed By: JL
Prepared By: JL

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

Sample: 87522 - Cell 18

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
QC Batch: 25653 Date Analyzed: 2006-04-03 Analyzed By: KB
Prep Batch: 22520 Sample Preparation: 2006-04-03 Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.884	mg/Kg	10	0.100	88	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.936	mg/Kg	10	0.100	94	76.8 - 134

Sample: 87522 - Cell 18

Analysis: TPH 418.1 Analytical Method: E 418.1 Prep Method: N/A
QC Batch: 25688 Date Analyzed: 2006-04-05 Analyzed By: JL
Prep Batch: 22552 Sample Preparation: 2006-04-04 Prepared By: JL

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

Sample: 87523 - Cell 20

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
QC Batch: 25653 Date Analyzed: 2006-04-03 Analyzed By: KB
Prep Batch: 22520 Sample Preparation: 2006-04-03 Prepared By: KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.889	mg/Kg	10	0.100	89	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.948	mg/Kg	10	0.100	95	76.8 - 134

Sample: 87523 - Cell 20

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	25688	Date Analyzed:	2006-04-05	Analyzed By:	JL
Prep Batch:	22552	Sample Preparation:	2006-04-04	Prepared By:	JL

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

Sample: 87524 - Cell 21

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	25653	Date Analyzed:	2006-04-03	Analyzed By:	KB
Prep Batch:	22520	Sample Preparation:	2006-04-03	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.886	mg/Kg	10	0.100	89	74.3 - 133
4-Bromofluorobenzene (4-BFB)		0.929	mg/Kg	10	0.100	93	76.8 - 134

Sample: 87524 - Cell 21

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	25688	Date Analyzed:	2006-04-05	Analyzed By:	JL
Prep Batch:	22552	Sample Preparation:	2006-04-04	Prepared By:	JL

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

Method Blank (1) QC Batch: 25652

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00644	mg/Kg	0.001
Toluene		<0.0194	mg/Kg	0.001
Ethylbenzene		<0.0347	mg/Kg	0.001
Xylene		<0.0340	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.836	mg/Kg	10	0.100	84	72.7 - 128
4-Bromofluorobenzene (4-BFB)		0.795	mg/Kg	10	0.100	80	73.6 - 120

Method Blank (1) QC Batch: 25653

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00644	mg/Kg	0.001
Toluene		<0.0194	mg/Kg	0.001
Ethylbenzene		<0.0347	mg/Kg	0.001
Xylene		<0.0340	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.872	mg/Kg	10	0.100	87	72.7 - 128
4-Bromofluorobenzene (4-BFB)		0.847	mg/Kg	10	0.100	85	73.6 - 120

Method Blank (1) QC Batch: 25687

Parameter	Flag	MDL Result	Units	RL
TRPHC		<5.91	mg/Kg	10

Method Blank (1) QC Batch: 25688

Parameter	Flag	MDL Result	Units	RL
TRPHC		<5.91	mg/Kg	10

Laboratory Control Spike (LCS-1) QC Batch: 25652

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.919	0.934	mg/Kg	10	0.100	<0.00644	92	2	85.1 - 122	20
Toluene	0.910	0.925	mg/Kg	10	0.100	<0.0194	91	2	81.2 - 125	20
Ethylbenzene	0.894	0.908	mg/Kg	10	0.100	<0.0347	89	2	86.7 - 126	20
Xylene	2.66	2.69	mg/Kg	10	0.300	<0.0340	89	1	82.4 - 126	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)	0.950	0.943	mg/Kg	10	0.100	95	94	85 - 113
4-Bromofluorobenzene (4-BFB)	0.907	0.902	mg/Kg	10	0.100	91	90	79.4 - 126

Laboratory Control Spike (LCS-1) QC Batch: 25653

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.919	0.931	mg/Kg	10	0.100	<0.00644	92	1	85.1 - 122	20
Toluene	0.914	0.925	mg/Kg	10	0.100	<0.0194	91	1	81.2 - 125	20
Ethylbenzene	0.895	0.907	mg/Kg	10	0.100	<0.0347	90	1	86.7 - 126	20
Xylene	2.66	2.70	mg/Kg	10	0.300	<0.0340	89	2	82.4 - 126	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)	0.944	0.944	mg/Kg	10	0.100	94	94	85 - 113
4-Bromofluorobenzene (4-BFB)	0.913	0.913	mg/Kg	10	0.100	91	91	79.4 - 126

Laboratory Control Spike (LCS-1) QC Batch: 25687

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	257	257	mg/Kg	1	250	<5.91	103	0	80 - 120	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: 25688

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	258	258	mg/Kg	1	250	<5.91	103	0	80 - 120	20

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

Matrix Spike (MS-1) QC Batch: 25652 Spiked Sample: 87464

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.851	0.562	mg/Kg	10	0.100	<0.00644	85	41	45.4 - 133	20
Toluene	0.883	0.596	mg/Kg	10	0.100	<0.0194	88	39	46.1 - 140	20
Ethylbenzene	0.936	0.638	mg/Kg	10	0.100	<0.0347	94	38	46.1 - 157	20
Xylene	2.81	1.94	mg/Kg	10	0.300	<0.0340	94	37	48.6 - 151	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)	0.941	0.910	mg/Kg	10	0.1	94	91	74.3 - 133
4-Bromofluorobenzene (4-BFB)	0.970	0.979	mg/Kg	10	0.1	97	98	76.8 - 134

Matrix Spike (MS-1) QC Batch: 25653 Spiked Sample: 87512

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.703	1.03	mg/Kg	10	0.100	<0.00644	70	38	45.4 - 133	20
Toluene	0.733	1.06	mg/Kg	10	0.100	<0.0194	73	36	46.1 - 140	20
Ethylbenzene	0.771	1.12	mg/Kg	10	0.100	<0.0347	77	37	46.1 - 157	20
Xylene	2.34	3.34	mg/Kg	10	0.300	<0.0340	78	35	48.6 - 151	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)	0.942	0.957	mg/Kg	10	0.1	94	96	74.3 - 133
4-Bromofluorobenzene (4-BFB)	0.981	0.978	mg/Kg	10	0.1	98	98	76.8 - 134

Matrix Spike (MS-1) QC Batch: 25687 Spiked Sample: 87508

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	291	290	mg/Kg	1	250	<5.91	116	0	80 - 120	20

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

Matrix Spike (MS-1) QC Batch: 25688 Spiked Sample: 87524

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	257	258	mg/Kg	1	250	<5.91	103	0	80 - 120	20

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

Standard (ICV-1) QC Batch: 25652

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0910	91	85 - 115	2006-04-03
Toluene		mg/Kg	0.100	0.0894	89	85 - 115	2006-04-03
Ethylbenzene		mg/Kg	0.100	0.0911	91	85 - 115	2006-04-03
Xylene		mg/Kg	0.300	0.270	90	85 - 115	2006-04-03

Standard (CCV-1) QC Batch: 25652

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0912	91	85 - 115	2006-04-03
Toluene		mg/Kg	0.100	0.0915	92	85 - 115	2006-04-03
Ethylbenzene		mg/Kg	0.100	0.0902	90	85 - 115	2006-04-03
Xylene		mg/Kg	0.300	0.271	90	85 - 115	2006-04-03

Standard (ICV-1) QC Batch: 25653

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0907	91	85 - 115	2006-04-03
Toluene		mg/Kg	0.100	0.0903	90	85 - 115	2006-04-03
Ethylbenzene		mg/Kg	0.100	0.0881	88	85 - 115	2006-04-03
Xylene		mg/Kg	0.300	0.262	87	85 - 115	2006-04-03

Standard (CCV-1) QC Batch: 25653

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0909	91	85 - 115	2006-04-03
Toluene		mg/Kg	0.100	0.0957	96	85 - 115	2006-04-03
Ethylbenzene		mg/Kg	0.100	0.0935	94	85 - 115	2006-04-03
Xylene		mg/Kg	0.300	0.288	96	85 - 115	2006-04-03

Standard (ICV-1) QC Batch: 25687

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	114	114	80 - 120	2006-04-05

Standard (CCV-1) QC Batch: 25687

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	116	116	80 - 120	2006-04-05

Standard (CCV-2) QC Batch: 25687

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	116	116	80 - 120	2006-04-05

Standard (ICV-1) QC Batch: 25688

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	118	118	80 - 120	2006-04-05

Standard (CCV-1) QC Batch: 25688

Report Date: April 5, 2006
First Quarter Soil Sampling 2006

Work Order: 6040314
Qtr Soil Sampling NM-01 0019

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Sec 4,5,8,9 Till S R 31E Chaves Co. NM

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	116	116	80 - 120	2006-04-05

Carrier # 1607 160 2419

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6701 Aberdeen Avenue, Ste. 9 Lubbock, Texas 79424 Tel (806) 794-1298 Fax (806) 794-1298 1 (800) 376-1298 email: lab@traceanalysis.com		155 McCutcheon, Suite H El Paso, Texas 79932 Tel (915) 585-3443 Fax (915) 585-4944 1 (888) 588-3443		Company Name: <u>Candy Marley Inc</u> Address: <u>(Street, City, Zip)</u> <u>PO Box 1658 Russell NM 88202-1658</u> Contact Person: <u>Bill Marley, Project Manager, 505-626-6513</u>		Project Name: <u>Qtr. Soil Sampling</u> Project Location: <u>Sec. 4,5,8,9 Till S-R 31E Chaves Co, NM</u>		Project #: <u>First Quarter Soil Sampling 2006</u>		Project Location: <u>Sec. 4,5,8,9 Till S-R 31E Chaves Co, NM</u>														
LAB #	FIELD CODE	# CONTAINERS	VOLUME/AMOUNT	MATRIX	PRESERVATIVE METHOD	DATE	SAMPLING TIME	ANALYSIS REQUEST (Circle or Specify Method No.)																
87504	Cell 19	1	4/102	WATER	HNO ₃	4/10/06	0930	MTBE 8021B/602	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 8082/808	Pesticides 8081A/808	BOD, TSS, PH	Moisture Content	Turn Around Time if different from standard	
05	Cell 17	1	1	SLUDGE	NONE	4/10/06	0930																	
06	Cell 16	1	1	AIR	NaOH	4/10/06	0930																	
07	Cell 15	1	1	SOIL	H ₂ SO ₄	4/10/06	0930																	
08	Cell 14	1	1	WATER	HNO ₃	4/10/06	0930																	
09	Cell 13	1	1	SLUDGE	NONE	4/10/06	0930																	
10	Cell 12	1	1	AIR	NaOH	4/10/06	0930																	
11	Cell 11	1	1	SOIL	H ₂ SO ₄	4/10/06	0930																	
12	Cell 10	1	1	WATER	HNO ₃	4/10/06	0930																	
13	Cell 9	1	1	SLUDGE	NONE	4/10/06	0930																	
14	Cell 8	1	1	AIR	NaOH	4/10/06	0930																	
15	Cell 7	1	1	SOIL	H ₂ SO ₄	4/10/06	0930																	
16	Cell 6	1	1	WATER	HNO ₃	4/10/06	0930																	
17	Cell 5	1	1	SLUDGE	NONE	4/10/06	0930																	
18	Cell 4	1	1	AIR	NaOH	4/10/06	0930																	
19	Cell 3	1	1	SOIL	H ₂ SO ₄	4/10/06	0930																	
20	Cell 2	1	1	WATER	HNO ₃	4/10/06	0930																	
21	Cell 1	1	1	SLUDGE	NONE	4/10/06	0930																	

Relinquished by: [Signature] Date: 03/31/06 Time: 1030

Relinquished by: [Signature] Date: 03/31/06 Time: 1030

Relinquished by: [Signature] Date: 03/31/06 Time: 1030

Received by: [Signature] Date: 4/10/06 Time: 11:00

Received by: [Signature] Date: 4/10/06 Time: 11:00

Received by: [Signature] Date: 4/10/06 Time: 11:00

REMARKS: Please send copy of results to Candy Marley

☐ Dry Weight Basis Required

☐ TRRP Report Required

☐ Check if Special Reporting Limits Are Needed

