NM1 - 19

MONITORING REPORTS

YEAR(S):

2005

January 27, 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 Annual Monitoring Report for Year 2005
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 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 PTB 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**

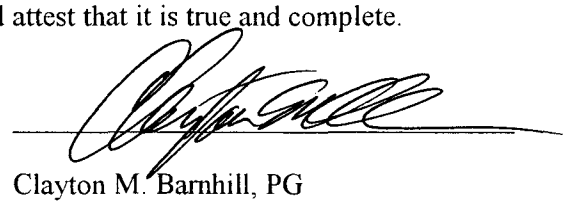
5. Address/legal description:
   SW/4 of Section 4, SE/4 of Section 5, NE/4 of Section 8, & NW/4 of Section 9
   T. 11 S. R. 31 E., NMPM
   Chaves County, NM

6. Author/consulting company:
   Clayton M. Barnhill, PG, CMB Environmental & Geological Services, Inc.

7. Date of report: **January 27, 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: 01/27/2006

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 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 2005 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 GPD 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 2005 was performed on December 28th & 29th 2005. This Year End 2005 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 2005 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 <0.0110 PPM BTEX, and acceptable TPH concentrations (≤432 PPM TPH). Chlorides concentrations are below 250 PPM in all cells with the exception of Cell #'s 20, 18, 16, 14, & 4. 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 16, 14, are 360 PPM and 304 PPM chloride, which are close to the 250 mg/liter Chloride concentration / drinking water standard. The soil chloride concentration in cell 4 is 576 PPM Chloride. This soil chloride concentration is probably a sample outlier, and not indicative of the true average soil chloride concentrations in the cell. The State of New Mexico does not have a soil standard for chloride concentrations.

Gandy-Marley Inc has worked very hard on the re-permitting and renewal process of this landfarm's Commercial Landfarm Permit NM-01-0019 in the year 2005 and 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 not been any rainfall in the area since October of 2005. 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 soil sample 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: Site Map / Topographic Map

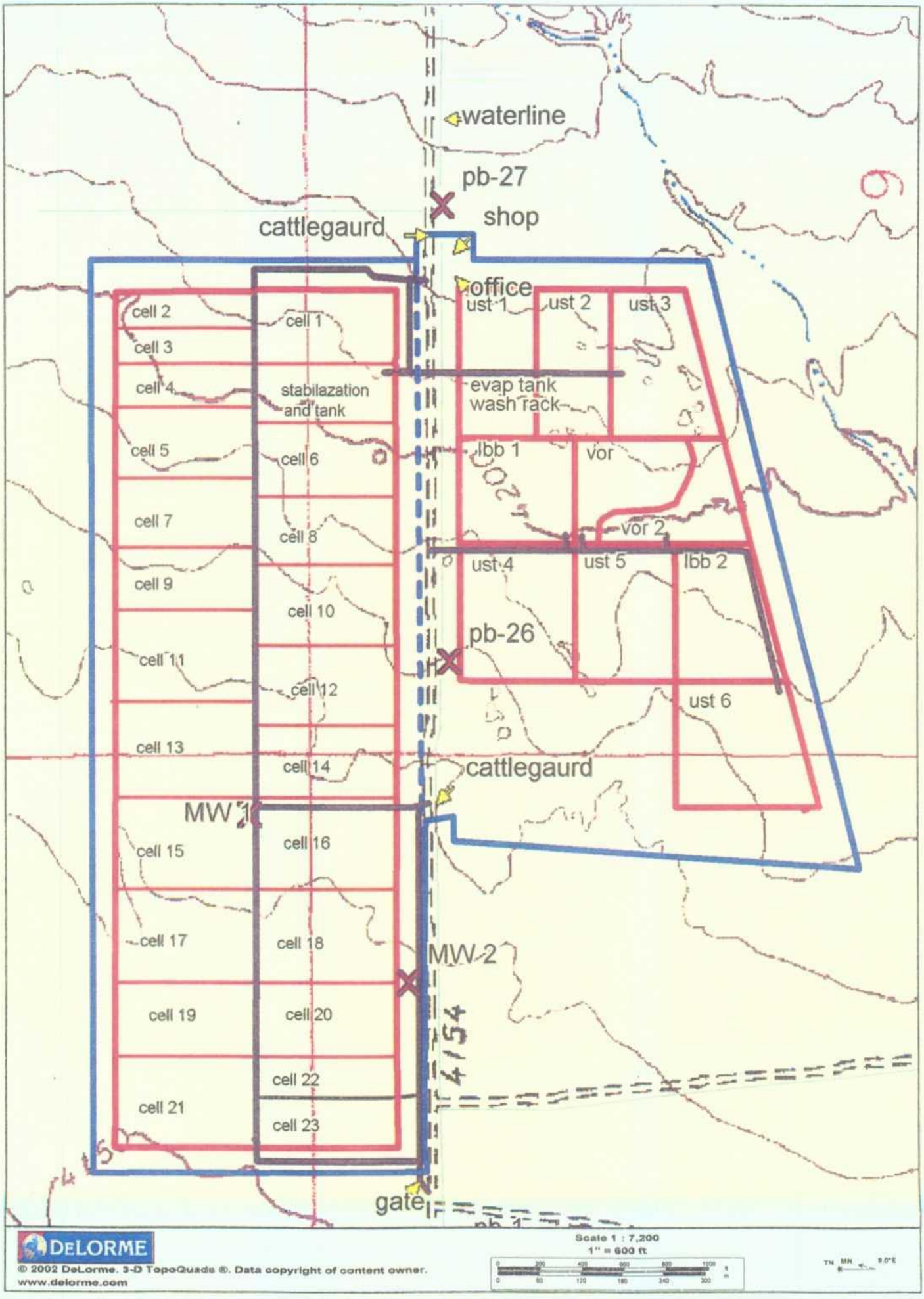
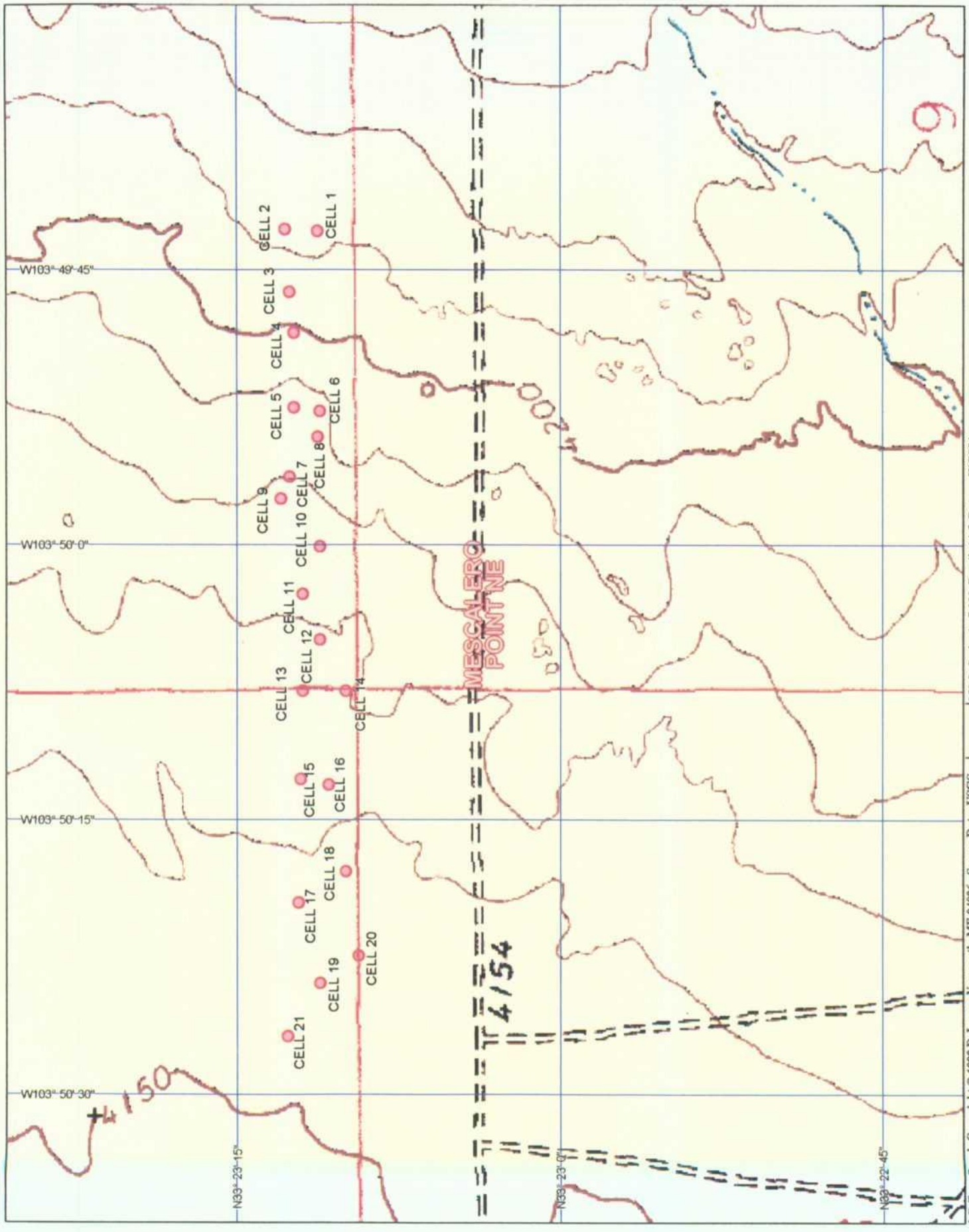


Figure 2: Topographic Map with sample locations , as per GPS, plotted



Tables:

Summary Report

Gandy Marley Inc.
Box 1658
Roswell, NM 88202

Report Date: January 13, 2006

Work Order: 6010304

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
81212	Cell-21	soil	2005-12-28	10:42	2005-12-31
81213	Cell-18	soil	2005-12-28	10:58	2005-12-31
81214	Cell-20	soil	2005-12-28	11:10	2005-12-31
81215	Cell-19	soil	2005-12-28	11:47	2005-12-31
81216	Cell-17	soil	2005-12-28	11:57	2005-12-31
81217	Cell-15	soil	2005-12-28	12:07	2005-12-31
81218	Cell-16	soil	2005-12-28	12:14	2005-12-31
81219	Cell-13	soil	2005-12-28	12:31	2005-12-31
81220	Cell-14	soil	2005-12-28	12:38	2005-12-31
81221	Cell-12	soil	2005-12-28	12:46	2005-12-31
81222	Cell-11	soil	2005-12-28	12:53	2005-12-31
81223	Cell-10	soil	2005-12-28	13:00	2005-12-31
81224	Cell-9	soil	2005-12-28	13:11	2005-12-31
81225	Cell-7	soil	2005-12-28	13:18	2005-12-31
81226	Cell-8	soil	2005-12-28	13:25	2005-12-31
81227	Cell-6	soil	2005-12-28	13:32	2005-12-31
81228	Cell-5	soil	2005-12-28	13:37	2005-12-31
81229	Cell-4	soil	2005-12-28	13:45	2005-12-31
81230	Cell-3	soil	2005-12-28	13:53	2005-12-31
81231	Cell-2	soil	2005-12-28	14:01	2005-12-31
81232	Cell-1	soil	2005-12-28	14:07	2005-12-31

	BTEX				MTBE	TPH 418.1
	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	TRPHC
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
81212 - Cell-21	<0.0100	<0.0100	<0.0100	**0.0110**		<10.0
81213 - Cell-18	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
81214 - Cell-20	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
81215 - Cell-19	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
81216 - Cell-17	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
81217 - Cell-15	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
81218 - Cell-16	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
81219 - Cell-13	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
81220 - Cell-14	<0.0100	<0.0100	<0.0100	<0.0100		**432**
81221 - Cell-12	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
81222 - Cell-11	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
81223 - Cell-10	<0.0100	<0.0100	<0.0100	<0.0100		<10.0

continued ...

... *continued*

Sample - Field Code	BTEX Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE MTBE (mg/Kg)	TPH 418.1 TRPHC (mg/Kg)
81224 - Cell-9	<0.0100	<0.0100	<0.0100	<0.0100		**75.2**
81225 - Cell-7	<0.0100	<0.0100	<0.0100	<0.0100		**1210**
81226 - Cell-8	<0.0100	<0.0100	<0.0100	<0.0100		**139**
81227 - Cell-6	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
81228 - Cell-5	<0.0100	<0.0100	<0.0100	<0.0100		**155**
81229 - Cell-4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
81230 - Cell-3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
81231 - Cell-2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
81232 - Cell-1	<0.0100	<0.0100	<0.0100	**0.0104**		<10.0

Sample: 81212 - 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		**145**	mg/Kg as CaCo3	4.00
Total Alkalinity		**145**	mg/Kg as CaCo3	4.00
Chloride		**8.15**	mg/Kg	1.00
Specific Conductance		**198**	μMHOS/cm	0.00
pH		**8.08**	s.u.	0.00
Total Calcium		**107000**	mg/Kg	50.0
Total Magnesium		**4530**	mg/Kg	5.00
Total Potassium		**1990**	mg/Kg	50.0
Total Sodium		**153**	mg/Kg	50.0
Sulfate		**27.8**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**3.05**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 81213 - 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		**84.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**84.0**	mg/Kg as CaCo3	4.00
Chloride		**1010**	mg/Kg	1.00
Specific Conductance		**3260**	μMHOS/cm	0.00
pH		**7.85**	s.u.	0.00
Total Calcium		**94500**	mg/Kg	50.0
Total Magnesium		**5040**	mg/Kg	5.00
Total Potassium		**1320**	mg/Kg	50.0
Total Sodium		**1290**	mg/Kg	50.0
Sulfate		**986**	mg/Kg	2.00
TCLP Arsenic		<0.100	mg/L	0.100

continued ...

sample 81213 continued ...

Param	Flag	Result	Units	RL
TCLP Barium		**1.78**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 81214 - 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		**80.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**80.0**	mg/Kg as CaCo3	4.00
Chloride		**312**	mg/Kg	1.00
Specific Conductance		**1320**	μMHOS/cm	0.00
pH		**8.09**	s.u.	0.00
Total Calcium		**98300**	mg/Kg	50.0
Total Magnesium		**4990**	mg/Kg	5.00
Total Potassium		**1340**	mg/Kg	50.0
Total Sodium		**568**	mg/Kg	50.0
Sulfate		**442**	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		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 81215 - Cell-19

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		**5.00**	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**3900**	mg/Kg as CaCo3	4.00
Total Alkalinity		**3900**	mg/Kg as CaCo3	4.00
Chloride		**132**	mg/Kg	1.00
Specific Conductance		**628**	μMHOS/cm	0.00
pH		**8.37**	s.u.	0.00
Total Calcium		**55300**	mg/Kg	50.0
Total Magnesium		**2080**	mg/Kg	5.00
Total Potassium		**1270**	mg/Kg	50.0
Total Sodium		**358**	mg/Kg	50.0
Sulfate		**68.3**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.46**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500

continued ...

sample 81215 continued ...

Param	Flag	Result	Units	RL
TCLP Chromium		**0.164**	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 81216 - Cell-17

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		**80.0**	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**422**	mg/Kg as CaCo3	4.00
Total Alkalinity		**502**	mg/Kg as CaCo3	4.00
Chloride		**48.3**	mg/Kg	1.00
Specific Conductance		**865**	μMHOS/cm	0.00
pH		**8.96**	s.u.	0.00
Total Calcium		**2360**	mg/Kg	50.0
Total Magnesium		**1950**	mg/Kg	5.00
Total Potassium		**1770**	mg/Kg	50.0
Total Sodium		**1630**	mg/Kg	50.0
Sulfate		**280**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.46**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 81217 - Cell-15

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		**61.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**61.0**	mg/Kg as CaCo3	4.00
Chloride		**10.6**	mg/Kg	1.00
Specific Conductance		**3520**	μMHOS/cm	0.00
pH		**7.91**	s.u.	0.00
Total Calcium		**2640**	mg/Kg	50.0
Total Magnesium		**1800**	mg/Kg	5.00
Total Potassium		**1390**	mg/Kg	50.0
Total Sodium		**113**	mg/Kg	50.0
Sulfate		**70.3**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.44**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100

continued ...

sample 81217 continued ...

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

Sample: 81218 - 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		**66.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**66.0**	mg/Kg as CaCo3	4.00
Chloride		**360**	mg/Kg	1.00
Specific Conductance		**1900**	μMHOS/cm	0.00
pH		**8.11**	s.u.	0.00
Total Calcium		**18700**	mg/Kg	50.0
Total Magnesium		**2060**	mg/Kg	5.00
Total Potassium		**1520**	mg/Kg	50.0
Total Sodium		**869**	mg/Kg	50.0
Sulfate		**357**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.01**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 81219 - 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		**96.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**96.0**	mg/Kg as CaCo3	4.00
Chloride		**8.72**	mg/Kg	1.00
Specific Conductance		**174**	μMHOS/cm	0.00
pH		**8.16**	s.u.	0.00
Total Calcium		**1500**	mg/Kg	50.0
Total Magnesium		**1570**	mg/Kg	5.00
Total Potassium		**1540**	mg/Kg	50.0
Total Sodium		**106**	mg/Kg	50.0
Sulfate		**48.2**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.48**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 81220 - 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		**54.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**54.0**	mg/Kg as CaCo3	4.00
Chloride		**304**	mg/Kg	1.00
Specific Conductance		**1620**	μMHOS/cm	0.00
pH		**8.06**	s.u.	0.00
Total Calcium		**4860**	mg/Kg	50.0
Total Magnesium		**2620**	mg/Kg	5.00
Total Potassium		**1780**	mg/Kg	50.0
Total Sodium		**652**	mg/Kg	50.0
Sulfate		**386**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.25**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 81221 - Cell-12

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		**32.0**	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**342**	mg/Kg as CaCo3	4.00
Total Alkalinity		**374**	mg/Kg as CaCo3	4.00
Chloride		**53.0**	mg/Kg	1.00
Specific Conductance		**695**	μMHOS/cm	0.00
pH		**8.66**	s.u.	0.00
Total Calcium		**3790**	mg/Kg	50.0
Total Magnesium		**2200**	mg/Kg	5.00
Total Potassium		**2030**	mg/Kg	50.0
Total Sodium		**468**	mg/Kg	50.0
Sulfate		**263**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.63**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 81222 - 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

continued ...

sample 81222 continued ...

Param	Flag	Result	Units	RL
Bicarbonate Alkalinity		**46.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**46.0**	mg/Kg as CaCo3	4.00
Chloride		**50.3**	mg/Kg	1.00
Specific Conductance		**1380**	μMHOS/cm	0.00
pH		**7.88**	s.u.	0.00
Total Calcium		**42400**	mg/Kg	50.0
Total Magnesium		**4590**	mg/Kg	5.00
Total Potassium		**2210**	mg/Kg	50.0
Total Sodium		**217**	mg/Kg	50.0
Sulfate		**1690**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.51**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 81223 - 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		**52.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**52.0**	mg/Kg as CaCo3	4.00
Chloride		**9.62**	mg/Kg	1.00
Specific Conductance		**1010**	μMHOS/cm	0.00
pH		**7.96**	s.u.	0.00
Total Calcium		**25500**	mg/Kg	50.0
Total Magnesium		**2650**	mg/Kg	5.00
Total Potassium		**1350**	mg/Kg	50.0
Total Sodium		**251**	mg/Kg	50.0
Sulfate		**578**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.51**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 81224 - 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		**66.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**66.0**	mg/Kg as CaCo3	4.00

continued ...

sample 81224 continued ...

Param	Flag	Result	Units	RL
Chloride		**12.2**	mg/Kg	1.00
Specific Conductance		**774**	µMHOS/cm	0.00
pH		**7.99**	s.u.	0.00
Total Calcium		**18300**	mg/Kg	50.0
Total Magnesium		**3330**	mg/Kg	5.00
Total Potassium		**2770**	mg/Kg	50.0
Total Sodium		**305**	mg/Kg	50.0
Sulfate		**273**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.83**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 81225 - Cell-7

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**620**	mg/Kg as CaCo3	4.00
Total Alkalinity		**620**	mg/Kg as CaCo3	4.00
Chloride		**74.5**	mg/Kg	1.00
Specific Conductance		**754**	µMHOS/cm	0.00
pH		**8.41**	s.u.	0.00
Total Calcium		**3560**	mg/Kg	50.0
Total Magnesium		**1800**	mg/Kg	5.00
Total Potassium		**1760**	mg/Kg	50.0
Total Sodium		**550**	mg/Kg	50.0
Sulfate		**180**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.68**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 81226 - 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		**62.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**62.0**	mg/Kg as CaCo3	4.00
Chloride		**16.0**	mg/Kg	1.00
Specific Conductance		**713**	µMHOS/cm	0.00

continued ...

sample 81226 continued ...

Param	Flag	Result	Units	RL
pH		**8.24**	s.u.	0.00
Total Calcium		<50.0	mg/Kg	50.0
Total Magnesium		<5.00	mg/Kg	5.00
Total Potassium		<50.0	mg/Kg	50.0
Total Sodium		<50.0	mg/Kg	50.0
Sulfate		**235**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.26**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 81227 - 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		**10300**	mg/Kg as CaCo3	4.00
Total Alkalinity		**10300**	mg/Kg as CaCo3	4.00
Chloride		**133**	mg/Kg	1.00
Specific Conductance		**1380**	μMHOS/cm	0.00
pH		**8.39**	s.u.	0.00
Total Calcium		**43300**	mg/Kg	50.0
Total Magnesium		**3420**	mg/Kg	5.00
Total Potassium		**1960**	mg/Kg	50.0
Total Sodium		**1010**	mg/Kg	50.0
Sulfate		**250**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.00**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 81228 - 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		**4250**	mg/Kg as CaCo3	4.00
Total Alkalinity		**4250**	mg/Kg as CaCo3	4.00
Chloride		**20.0**	mg/Kg	1.00
Specific Conductance		**437**	μMHOS/cm	0.00
pH		**8.24**	s.u.	0.00
Total Calcium		**22200**	mg/Kg	50.0

continued ...

sample 81228 continued ...

Param	Flag	Result	Units	RL
Total Magnesium		**3000**	mg/Kg	5.00
Total Potassium		**2270**	mg/Kg	50.0
Total Sodium		**308**	mg/Kg	50.0
Sulfate		**81.2**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.41**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 81229 - 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		**52.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**52.0**	mg/Kg as CaCo3	4.00
Chloride		**576**	mg/Kg	1.00
Specific Conductance		**2330**	μMHOS/cm	0.00
pH		**7.98**	s.u.	0.00
Total Calcium		**53900**	mg/Kg	50.0
Total Magnesium		**2460**	mg/Kg	5.00
Total Potassium		**1440**	mg/Kg	50.0
Total Sodium		**916**	mg/Kg	50.0
Sulfate		**454**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.05**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 81230 - 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		**54.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**54.0**	mg/Kg as CaCo3	4.00
Chloride		**12.3**	mg/Kg	1.00
Specific Conductance		**792**	μMHOS/cm	0.00
pH		**8.15**	s.u.	0.00
Total Calcium		**8660**	mg/Kg	50.0
Total Magnesium		**2060**	mg/Kg	5.00
Total Potassium		**1350**	mg/Kg	50.0

continued ...

sample 81230 continued ...

Param	Flag	Result	Units	RL
Total Sodium		**408**	mg/Kg	50.0
Sulfate		**327**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.21**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 81231 - 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		**52.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**52.0**	mg/Kg as CaCo3	4.00
Chloride		**25.0**	mg/Kg	1.00
Specific Conductance		**751**	μMHOS/cm	0.00
pH		**8.19**	s.u.	0.00
Total Calcium		**18100**	mg/Kg	50.0
Total Magnesium		**3550**	mg/Kg	5.00
Total Potassium		**2720**	mg/Kg	50.0
Total Sodium		**254**	mg/Kg	50.0
Sulfate		**190**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.88**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 81232 - 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		**42.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**42.0**	mg/Kg as CaCo3	4.00
Chloride		**15.0**	mg/Kg	1.00
Specific Conductance		**794**	μMHOS/cm	0.00
pH		**8.06**	s.u.	0.00
Total Calcium		**62300**	mg/Kg	50.0
Total Magnesium		**3510**	mg/Kg	5.00
Total Potassium		**1870**	mg/Kg	50.0
Total Sodium		**229**	mg/Kg	50.0
Sulfate		**337**	mg/Kg	2.00

continued ...

sample 81232 continued ...

Param	Flag	Result	Units	RL
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.63**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
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

GMI LANDFARM Date 12/28/05
YEAR END SOIL Sampling
CMB Environmental & Geological Servic

CELL #	TIME	GPS Coord	Remarks
CELL#21 JPEG#1	1042	33°23'12.7" 103°50'26.8"	Brown Clayey Sand w/ caliche
CELL#18 JPEG#2	1058	33°23'10.0 103°50'17.8	Red clayey Sand
CELL#20 JPEG#3	1110	33°23'09.4 103°50'22.4	Brown Fine Sand
CELL#19 JPEG#4	1147	33°23'11.2 103°50'23.9	Brown Clayey Sand w/ Caliche
CELL#17 JPEG#5	1157	33°23'12.2 103°50'19.5	Red Clayey Sand
CELL#15 JPEG#6	1207	33°23'12.1 103°50'12.8	Red Clayey Sand
CELL#16 JPEG#7	1214	33°23'10.8 103°50'13.1	Red Clayed Sand w/ Caliche
CELL#13 JPEG#8	1231	33°23'12.0 103°50'08.0	Red Clayey Sand

Location GMI Landfarm 12/28/05
Project / Client YEAR END Soil Sampling
CMB Environmental & Geological Services, Inc.

CELL#14 JPEG#9	1238	33°23'10.0 103°50'08.0	Red Clayey Sand
CELL#12 JPEG#10	1246	33°23'11.2 103°50'05.2	Brown Clayey Sand
CELL#11 JPEG#11	1253	33°23'12.0 103°50'02.7	Brown Clayey Sand
CELL#10 JPEG#12	1300	33°23'11.2 103°50'00.1	Reddish Brown Clayey Sand
CELL#9 JPEG#13	1311	33°23'13.0 103°49'57.5	Brown Clayey Sand
CELL#7 JPEG#14	1318	33°23'12.6 103°49'56.3	Brown Clayey Sand
CELL#8 JPEG#15	1325	33°23'11.3 103°49'54.1	Red Clayey Sand
CELL#6 JPEG#16	1332	33°23'11.2 103°49'52.7	Brown Clayey Sand

Location GMI Landfarm Date 12/28-29/05

Project / Client Year End Soil Sampling
CMB Environmental & Geological Services Inc.

CELL#5 JPEG#17	1337	33°23'12.[illegible]4 103°49'52.5	Brown Clayey Sand
CELL#4 JPEG#18	1345	33°23'12.4 103°49'48.4	Red Fine Clayey Sand
CELL#3 JPEG#19	1353	33°23'12.6 103°49'46.2	Red Clayey Sand
CELL#2 JPEG#20	1401	33°23'12.8 103°49'42.8	Red Fine Sand
CELL#1 JPEG#21	1407	33°23'11.3 103°49'42.9	Brown Clayey Sand
<12/29/05> JPEG#22	LBB#1 0953	33°22'59.5 103°49'55.3	Tan Fine Sand
UST#6 JPEG#23	1003	33°22'47.9 103°50'05.0	Brown Fine Sand
LBB#2 JPEG#24	1011	33°22'51.1 103°[illegible]49'58.4	Brown Fine Sand

Location GMI Landfarm 12/29/05

Project / Client Year End Soil Sampling
CMB Environmental & Geological Services Inc.

VOR JPEG#25	1019	33°22'56.1 103°49'55.7	Red Fine Sand w/ Caliche
UST#5 JPEG#26	1027	33°22'56.5 103°49'57.8	Tan Fine Sand
UST#4 JPEG#27	1033	33°22'58.6 103°49'57.4	Tan Fine Sand w/ Caliche
UST#3 JPEG#28	1043	33°22'53.7 103°49'46.1	Red Fine Sand
UST#2 JPEG#29	1051	33°22'57.7 103°49'46.3	Red Clayey Sand
UST#1 JPEG#30	1058	33°23'00.7 103°49'46.2	Red Clayey Sand

Appendix 3
Laboratory Analysis Results

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
155 McCutcheon, Suite H El Paso, Texas 79932 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Gandy Marley Inc.
Box 1658
Roswell, NM 88202

Report Date: January 13, 2006

Work Order: 6010304

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

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
81212	Cell-21	soil	2005-12-28	10:42	2005-12-31
81213	Cell-18	soil	2005-12-28	10:58	2005-12-31
81214	Cell-20	soil	2005-12-28	11:10	2005-12-31
81215	Cell-19	soil	2005-12-28	11:47	2005-12-31
81216	Cell-17	soil	2005-12-28	11:57	2005-12-31
81217	Cell-15	soil	2005-12-28	12:07	2005-12-31
81218	Cell-16	soil	2005-12-28	12:14	2005-12-31
81219	Cell-13	soil	2005-12-28	12:31	2005-12-31
81220	Cell-14	soil	2005-12-28	12:38	2005-12-31
81221	Cell-12	soil	2005-12-28	12:46	2005-12-31
81222	Cell-11	soil	2005-12-28	12:53	2005-12-31
81223	Cell-10	soil	2005-12-28	13:00	2005-12-31
81224	Cell-9	soil	2005-12-28	13:11	2005-12-31
81225	Cell-7	soil	2005-12-28	13:18	2005-12-31
81226	Cell-8	soil	2005-12-28	13:25	2005-12-31
81227	Cell-6	soil	2005-12-28	13:32	2005-12-31
81228	Cell-5	soil	2005-12-28	13:37	2005-12-31
81229	Cell-4	soil	2005-12-28	13:45	2005-12-31
81230	Cell-3	soil	2005-12-28	13:53	2005-12-31
81231	Cell-2	soil	2005-12-28	14:01	2005-12-31
81232	Cell-1	soil	2005-12-28	14:07	2005-12-31

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

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Inc.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 81212 - Cell-21

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23877	Date Analyzed:	2006-01-05	Analyzed By:	JB
Prep Batch:	20967	Sample Preparation:	2006-01-06	Prepared By:	WB

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		**145**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**145**	mg/Kg as CaCo3	1	4.00

Sample: 81212 - Cell-21

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

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		**0.0110**	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.11	mg/Kg	10	0.100	111	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.10	mg/Kg	10	0.100	110	51.7 - 123

Sample: 81212 - Cell-21

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23865	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20953	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**8.15**	mg/Kg	5	1.00

Sample: 81212 - Cell-21

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23839	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20927	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**198**	µMHOS/cm	1	0.00

Sample: 81212 - Cell-21

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23825	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20919	Sample Preparation:	2006-01-04	Prepared By:	WB

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

Sample: 81212 - Cell-21

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23821	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**107000**	mg/Kg	20	50.0
Total Magnesium		**4530**	mg/Kg	1	5.00
Total Potassium		**1990**	mg/Kg	1	50.0
Total Sodium		**153**	mg/Kg	1	50.0

Sample: 81212 - Cell-21

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23865	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20953	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**27.8**	mg/Kg	5	2.00

Sample: 81212 - Cell-21

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23856	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**3.05**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500
TCLP Chromium		<0.100		mg/L	1	0.100
TCLP Mercury		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 81212 - Cell-21

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

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

Sample: 81213 - Cell-18

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23877	Date Analyzed:	2006-01-05	Analyzed By:	JB
Prep Batch:	20967	Sample Preparation:	2006-01-06	Prepared By:	WB

Parameter	Flag	Result	RL	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		**84.0**		mg/Kg as CaCo3	1	4.00
Total Alkalinity		**84.0**		mg/Kg as CaCo3	1	4.00

Sample: 81213 - Cell-18

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

Parameter	Flag	Result	RL	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)		1.10	mg/Kg	10	0.100	110	87.3 - 140.7

continued ...

sample continued . . .

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	10	0.100	109	51.7 - 123

Sample: 81213 - Cell-18

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23865	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20953	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**1010**	mg/Kg	100	1.00

Sample: 81213 - Cell-18

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23839	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20927	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL Units	Dilution	RL
Specific Conductance		**3260**	µMHOS/cm	1	0.00

Sample: 81213 - Cell-18

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23825	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20919	Sample Preparation:	2006-01-04	Prepared By:	WB

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

Sample: 81213 - Cell-18

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23821	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	Result	RL Units	Dilution	RL
Total Calcium		**94500**	mg/Kg	20	50.0
Total Magnesium		**5040**	mg/Kg	1	5.00
Total Potassium		**1320**	mg/Kg	1	50.0
Total Sodium		**1290**	mg/Kg	1	50.0

Sample: 81213 - Cell-18

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23865	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20953	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**986**		mg/Kg	100	2.00

Sample: 81213 - Cell-18

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23856	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**1.78**		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		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 81213 - Cell-18

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

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

Sample: 81214 - Cell-20

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23877	Date Analyzed:	2006-01-05	Analyzed By:	JB
Prep Batch:	20967	Sample Preparation:	2006-01-06	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Hydroxide Alkalinity		<1.00		mg/Kg as CaCo3	1	1.00

continued ...

sample 81214 continued . . .

Parameter	Flag	RL Result	Units	Dilution	RL
Carbonate Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Bicarbonate Alkalinity		**80.0**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**80.0**	mg/Kg as CaCo3	1	4.00

Sample: 81214 - Cell-20

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

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)		1.11	mg/Kg	10	0.100	111	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.10	mg/Kg	10	0.100	110	51.7 - 123

Sample: 81214 - Cell-20

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23865	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20953	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**312**	mg/Kg	10	1.00

Sample: 81214 - Cell-20

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23839	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20927	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**1320**	µMHOS/cm	1	0.00

Sample: 81214 - Cell-20

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23825	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20919	Sample Preparation:	2006-01-04	Prepared By:	WB

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

Sample: 81214 - Cell-20

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23821	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**98300**		mg/Kg	20	50.0
Total Magnesium		**4990**		mg/Kg	1	5.00
Total Potassium		**1340**		mg/Kg	1	50.0
Total Sodium		**568**		mg/Kg	1	50.0

Sample: 81214 - Cell-20

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23865	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20953	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**442**		mg/Kg	10	2.00

Sample: 81214 - Cell-20

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23856	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**2.14**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500

continued . . .

sample 81214 continued . . .

Parameter	Flag	RL Result	Units	Dilution	RL
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 81214 - Cell-20

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

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

Sample: 81215 - Cell-19

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23877	Date Analyzed:	2006-01-05	Analyzed By:	JB
Prep Batch:	20967	Sample Preparation:	2006-01-06	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Carbonate Alkalinity		**5.00**	mg/Kg as CaCo3	1	1.00
Bicarbonate Alkalinity		**3900**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**3900**	mg/Kg as CaCo3	1	4.00

Sample: 81215 - Cell-19

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

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)		1.10	mg/Kg	10	0.100	110	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	10	0.100	109	51.7 - 123

Sample: 81215 - Cell-19

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23865	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20953	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**132**		mg/Kg	5	1.00

Sample: 81215 - Cell-19

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23839	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20927	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**628**		µMHOS/cm	1	0.00

Sample: 81215 - Cell-19

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23825	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20919	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**8.37**		s.u.	1	0.00

Sample: 81215 - Cell-19

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23821	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**55300**		mg/Kg	10	50.0
Total Magnesium		**2080**		mg/Kg	1	5.00
Total Potassium		**1270**		mg/Kg	1	50.0
Total Sodium		**358**		mg/Kg	1	50.0

Sample: 81215 - Cell-19

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23865	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20953	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**68.3**	mg/Kg	5	2.00

Sample: 81215 - Cell-19

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23856	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

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		**2.46**	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500
TCLP Chromium		**0.164**	mg/L	1	0.100
TCLP Mercury		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 81215 - Cell-19

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

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

Sample: 81216 - Cell-17

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23877	Date Analyzed:	2006-01-05	Analyzed By:	JB
Prep Batch:	20967	Sample Preparation:	2006-01-06	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Carbonate Alkalinity		**80.0**	mg/Kg as CaCo3	1	1.00
Bicarbonate Alkalinity		**422**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**502**	mg/Kg as CaCo3	1	4.00

Sample: 81216 - Cell-17

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

Parameter	Flag	Result	RL 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)		1.10	mg/Kg	10	0.100	110	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	10	0.100	109	51.7 - 123

Sample: 81216 - Cell-17

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23865	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20953	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**48.3**	mg/Kg	10	1.00

Sample: 81216 - Cell-17

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23839	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20927	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL Units	Dilution	RL
Specific Conductance		**865**	µMHOS/cm	1	0.00

Sample: 81216 - Cell-17

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23825	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20919	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL Units	Dilution	RL
pH		**8.96**	s.u.	1	0.00

Sample: 81216 - Cell-17

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23821	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**2360**		mg/Kg	1	50.0
Total Magnesium		**1950**		mg/Kg	1	5.00
Total Potassium		**1770**		mg/Kg	1	50.0
Total Sodium		**1630**		mg/Kg	1	50.0

Sample: 81216 - Cell-17

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23865	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20953	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**280**		mg/Kg	10	2.00

Sample: 81216 - Cell-17

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23856	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**2.46**		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		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 81216 - Cell-17

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

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

Sample: 81217 - Cell-15

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23877	Date Analyzed:	2006-01-05	Analyzed By:	JB
Prep Batch:	20967	Sample Preparation:	2006-01-06	Prepared By:	WB

Parameter	Flag	Result	RL	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		**61.0**		mg/Kg as CaCo3	1	4.00
Total Alkalinity		**61.0**		mg/Kg as CaCo3	1	4.00

Sample: 81217 - Cell-15

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

Parameter	Flag	Result	RL	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)		1.10	mg/Kg	10	0.100	110	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	10	0.100	109	51.7 - 123

Sample: 81217 - Cell-15

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23865	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20953	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**10.6**		mg/Kg	5	1.00

Sample: 81217 - Cell-15

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23839	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20927	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**3520**		µMHOS/cm	1	0.00

Sample: 81217 - Cell-15

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23825	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20919	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**7.91**		s.u.	1	0.00

Sample: 81217 - Cell-15

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23821	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**2640**		mg/Kg	1	50.0
Total Magnesium		**1800**		mg/Kg	1	5.00
Total Potassium		**1390**		mg/Kg	1	50.0
Total Sodium		**113**		mg/Kg	1	50.0

Sample: 81217 - Cell-15

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23865	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20953	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**70.3**		mg/Kg	5	2.00

Sample: 81217 - Cell-15

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23856	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**2.44**		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		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 81217 - Cell-15

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

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

Sample: 81218 - Cell-16

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23877	Date Analyzed:	2006-01-05	Analyzed By:	JB
Prep Batch:	20967	Sample Preparation:	2006-01-06	Prepared By:	WB

Parameter	Flag	Result	RL	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		**66.0**		mg/Kg as CaCo3	1	4.00
Total Alkalinity		**66.0**		mg/Kg as CaCo3	1	4.00

Sample: 81218 - Cell-16

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

Parameter	Flag	Result	RL	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)		1.11	mg/Kg	10	0.100	111	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.10	mg/Kg	10	0.100	110	51.7 - 123

Sample: 81218 - Cell-16

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23866	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20954	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**360**		mg/Kg	10	1.00

Sample: 81218 - Cell-16

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23839	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20927	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**1900**		µMHOS/cm	1	0.00

Sample: 81218 - Cell-16

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23825	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20919	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**8.11**		s.u.	1	0.00

Sample: 81218 - Cell-16

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23821	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**18700**	mg/Kg	10	50.0
Total Magnesium		**2060**	mg/Kg	1	5.00
Total Potassium		**1520**	mg/Kg	1	50.0
Total Sodium		**869**	mg/Kg	1	50.0

Sample: 81218 - Cell-16

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23866	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20954	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**357**	mg/Kg	10	2.00

Sample: 81218 - Cell-16

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23856	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

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		**2.01**	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		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 81218 - Cell-16

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

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

Sample: 81219 - Cell-13

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23877	Date Analyzed:	2006-01-05	Analyzed By:	JB
Prep Batch:	20967	Sample Preparation:	2006-01-06	Prepared By:	WB

Parameter	Flag	Result	RL	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		**96.0**		mg/Kg as CaCo3	1	4.00
Total Alkalinity		**96.0**		mg/Kg as CaCo3	1	4.00

Sample: 81219 - Cell-13

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

Parameter	Flag	Result	RL	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)		1.10	mg/Kg	10	0.100	110	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.08	mg/Kg	10	0.100	108	51.7 - 123

Sample: 81219 - Cell-13

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23865	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20953	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**8.72**		mg/Kg	5	1.00

Sample: 81219 - Cell-13

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23839	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20927	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**174**		µMHOS/cm	1	0.00

Sample: 81219 - Cell-13

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23825	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20919	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**8.16**		s.u.	1	0.00

Sample: 81219 - Cell-13

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23821	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**1500**		mg/Kg	1	50.0
Total Magnesium		**1570**		mg/Kg	1	5.00
Total Potassium		**1540**		mg/Kg	1	50.0
Total Sodium		**106**		mg/Kg	1	50.0

Sample: 81219 - Cell-13

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23865	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20953	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**48.2**		mg/Kg	5	2.00

Sample: 81219 - Cell-13

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23856	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**2.48**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500

continued . . .

sample 81219 continued . . .

Parameter	Flag	RL Result	Units	Dilution	RL
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 81219 - Cell-13

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

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

Sample: 81220 - Cell-14

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23877	Date Analyzed:	2006-01-05	Analyzed By:	JB
Prep Batch:	20967	Sample Preparation:	2006-01-06	Prepared By:	WB

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

Sample: 81220 - Cell-14

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

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)		1.10	mg/Kg	10	0.100	110	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	10	0.100	109	51.7 - 123

Sample: 81220 - Cell-14

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23866	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20954	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**304**		mg/Kg	10	1.00

Sample: 81220 - Cell-14

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23839	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20927	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**1620**		µMHOS/cm	1	0.00

Sample: 81220 - Cell-14

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23825	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20919	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**8.06**		s.u.	1	0.00

Sample: 81220 - Cell-14

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23821	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**4860**		mg/Kg	1	50.0
Total Magnesium		**2620**		mg/Kg	1	5.00
Total Potassium		**1780**		mg/Kg	1	50.0
Total Sodium		**652**		mg/Kg	1	50.0

Sample: 81220 - Cell-14

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23866	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20954	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**386**	mg/Kg	10	2.00

Sample: 81220 - Cell-14

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23856	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

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		**2.25**	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		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 81220 - Cell-14

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**432**	mg/Kg	1	10.0

Sample: 81221 - Cell-12

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23877	Date Analyzed:	2006-01-05	Analyzed By:	JB
Prep Batch:	20967	Sample Preparation:	2006-01-06	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Carbonate Alkalinity		**32.0**	mg/Kg as CaCo3	1	1.00
Bicarbonate Alkalinity		**342**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**374**	mg/Kg as CaCo3	1	4.00

Sample: 81221 - Cell-12

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

Parameter	Flag	Result	RL	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)		1.11	mg/Kg	10	0.100	111	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	10	0.100	109	51.7 - 123

Sample: 81221 - Cell-12

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23867	Date Analyzed:	2006-01-06	Analyzed By:	WB
Prep Batch:	20955	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**53.0**		mg/Kg	10	1.00

Sample: 81221 - Cell-12

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23839	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20927	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**695**		µMHOS/cm	1	0.00

Sample: 81221 - Cell-12

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23825	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20919	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**8.66**		s.u.	1	0.00

Sample: 81221 - Cell-12

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23821	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**3790**		mg/Kg	1	50.0
Total Magnesium		**2200**		mg/Kg	1	5.00
Total Potassium		**2030**		mg/Kg	1	50.0
Total Sodium		**468**		mg/Kg	1	50.0

Sample: 81221 - Cell-12

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23867	Date Analyzed:	2006-01-06	Analyzed By:	WB
Prep Batch:	20955	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**263**		mg/Kg	10	2.00

Sample: 81221 - Cell-12

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23856	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**2.63**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500
TCLP Chromium		<0.100		mg/L	1	0.100
TCLP Mercury		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 81221 - Cell-12

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

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

Sample: 81222 - Cell-11

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23878	Date Analyzed:	2006-01-06	Analyzed By:	JB
Prep Batch:	20968	Sample Preparation:	2006-01-06	Prepared By:	WB

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: 81222 - Cell-11

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

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)		1.11	mg/Kg	10	0.100	111	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	10	0.100	109	51.7 - 123

Sample: 81222 - Cell-11

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23866	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20954	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**50.3**	mg/Kg	5	1.00

Sample: 81222 - Cell-11

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23840	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20928	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL Units	Dilution	RL
Specific Conductance		**1380**	µMHOS/cm	1	0.00

Sample: 81222 - Cell-11

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23826	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20920	Sample Preparation:	2006-01-04	Prepared By:	WB

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

Sample: 81222 - Cell-11

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23822	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	Result	RL Units	Dilution	RL
Total Calcium		**42400**	mg/Kg	10	50.0
Total Magnesium		**4590**	mg/Kg	1	5.00
Total Potassium		**2210**	mg/Kg	1	50.0
Total Sodium		**217**	mg/Kg	1	50.0

Sample: 81222 - Cell-11

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23862	Date Analyzed:	2006-01-06	Analyzed By:	WB
Prep Batch:	20958	Sample Preparation:	2006-01-06	Prepared By:	WB

Parameter	Flag	Result	RL Units	Dilution	RL
Sulfate		**1690**	mg/Kg	50	2.00

Sample: 81222 - Cell-11

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23859	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**2.51**		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		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 81222 - Cell-11

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

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

Sample: 81223 - Cell-10

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23878	Date Analyzed:	2006-01-06	Analyzed By:	JB
Prep Batch:	20968	Sample Preparation:	2006-01-06	Prepared By:	WB

Parameter	Flag	Result	RL	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		**52.0**		mg/Kg as CaCo3	1	4.00
Total Alkalinity		**52.0**		mg/Kg as CaCo3	1	4.00

Sample: 81223 - Cell-10

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

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)		1.11	mg/Kg	10	0.100	111	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.10	mg/Kg	10	0.100	110	51.7 - 123

Sample: 81223 - Cell-10

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23866	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20954	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**9.62**	mg/Kg	5	1.00

Sample: 81223 - Cell-10

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23840	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20928	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**1010**	µMHOS/cm	1	0.00

Sample: 81223 - Cell-10

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23826	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20920	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
pH		**7.96**	s.u.	1	0.00

Sample: 81223 - Cell-10

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23822	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**25500**	mg/Kg	10	50.0
Total Magnesium		**2650**	mg/Kg	1	5.00
Total Potassium		**1350**	mg/Kg	1	50.0
Total Sodium		**251**	mg/Kg	1	50.0

Sample: 81223 - Cell-10

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23862	Date Analyzed:	2006-01-06	Analyzed By:	WB
Prep Batch:	20958	Sample Preparation:	2006-01-06	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**578**	mg/Kg	50	2.00

Sample: 81223 - Cell-10

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23859	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

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		**2.51**	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		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 81223 - Cell-10

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

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

Sample: 81224 - Cell-9

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23878	Date Analyzed:	2006-01-06	Analyzed By:	JB
Prep Batch:	20968	Sample Preparation:	2006-01-06	Prepared By:	WB

Parameter	Flag	Result	RL	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		**66.0**		mg/Kg as CaCo3	1	4.00
Total Alkalinity		**66.0**		mg/Kg as CaCo3	1	4.00

Sample: 81224 - Cell-9

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

Parameter	Flag	Result	RL	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)		1.10	mg/Kg	10	0.100	110	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.08	mg/Kg	10	0.100	108	51.7 - 123

Sample: 81224 - Cell-9

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23866	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20954	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**12.2**		mg/Kg	5	1.00

Sample: 81224 - Cell-9

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23840	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20928	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**774**		µMHOS/cm	1	0.00

Sample: 81224 - Cell-9

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23826	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20920	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**7.99**		s.u.	1	0.00

Sample: 81224 - Cell-9

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23822	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**18300**		mg/Kg	10	50.0
Total Magnesium		**3330**		mg/Kg	1	5.00
Total Potassium		**2770**		mg/Kg	1	50.0
Total Sodium		**305**		mg/Kg	1	50.0

Sample: 81224 - Cell-9

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23862	Date Analyzed:	2006-01-06	Analyzed By:	WB
Prep Batch:	20958	Sample Preparation:	2006-01-06	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**273**		mg/Kg	10	2.00

Sample: 81224 - Cell-9

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23859	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**2.83**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500

continued . . .

sample 81224 continued . . .

Parameter	Flag	RL Result	Units	Dilution	RL
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 81224 - Cell-9

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**75.2**	mg/Kg	1	10.0

Sample: 81225 - Cell-7

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23878	Date Analyzed:	2006-01-06	Analyzed By:	JB
Prep Batch:	20968	Sample Preparation:	2006-01-06	Prepared By:	WB

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		**620**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**620**	mg/Kg as CaCo3	1	4.00

Sample: 81225 - Cell-7

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

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)		1.10	mg/Kg	10	0.100	110	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.10	mg/Kg	10	0.100	110	51.7 - 123

Sample: 81225 - Cell-7

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23867	Date Analyzed:	2006-01-06	Analyzed By:	WB
Prep Batch:	20955	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**74.5**		mg/Kg	10	1.00

Sample: 81225 - Cell-7

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23840	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20928	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**754**		µMHOS/cm	1	0.00

Sample: 81225 - Cell-7

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23826	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20920	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**8.41**		s.u.	1	0.00

Sample: 81225 - Cell-7

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23822	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**3560**		mg/Kg	1	50.0
Total Magnesium		**1800**		mg/Kg	1	5.00
Total Potassium		**1760**		mg/Kg	1	50.0
Total Sodium		**550**		mg/Kg	1	50.0

Sample: 81225 - Cell-7

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23867	Date Analyzed:	2006-01-06	Analyzed By:	WB
Prep Batch:	20955	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**180**	mg/Kg	10	2.00

Sample: 81225 - Cell-7

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23859	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

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		**2.68**	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		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 81225 - Cell-7

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**1210**	mg/Kg	1	10.0

Sample: 81226 - Cell-8

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23878	Date Analyzed:	2006-01-06	Analyzed By:	JB
Prep Batch:	20968	Sample Preparation:	2006-01-06	Prepared By:	WB

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		**62.0**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**62.0**	mg/Kg as CaCo3	1	4.00

Sample: 81226 - Cell-8

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

Parameter	Flag	Result	RL	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)		1.12	mg/Kg	10	0.100	112	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.12	mg/Kg	10	0.100	112	51.7 - 123

Sample: 81226 - Cell-8

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23866	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20954	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**16.0**		mg/Kg	5	1.00

Sample: 81226 - Cell-8

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23840	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20928	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**713**		µMHOS/cm	1	0.00

Sample: 81226 - Cell-8

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23826	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20920	Sample Preparation:	2006-01-04	Prepared By:	WB

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

Sample: 81226 - Cell-8

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23822	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		<50.0		mg/Kg	1	50.0
Total Magnesium		<5.00		mg/Kg	1	5.00
Total Potassium		<50.0		mg/Kg	1	50.0
Total Sodium		<50.0		mg/Kg	1	50.0

Sample: 81226 - Cell-8

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23866	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20954	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**235**		mg/Kg	5	2.00

Sample: 81226 - Cell-8

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23859	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**2.26**		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		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 81226 - Cell-8

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**139**	mg/Kg	1	10.0

Sample: 81227 - Cell-6

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23878	Date Analyzed:	2006-01-06	Analyzed By:	JB
Prep Batch:	20968	Sample Preparation:	2006-01-06	Prepared By:	WB

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		**10300**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**10300**	mg/Kg as CaCo3	1	4.00

Sample: 81227 - Cell-6

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

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)		1.12	mg/Kg	10	0.100	112	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.12	mg/Kg	10	0.100	112	51.7 - 123

Sample: 81227 - Cell-6

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23867	Date Analyzed:	2006-01-06	Analyzed By:	WB
Prep Batch:	20955	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**133**	mg/Kg	5	1.00

Sample: 81227 - Cell-6

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23840	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20928	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL Units	Dilution	RL
Specific Conductance		**1380**	µMHOS/cm	1	0.00

Sample: 81227 - Cell-6

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23826	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20920	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL Units	Dilution	RL
pH		**8.39**	s.u.	1	0.00

Sample: 81227 - Cell-6

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23822	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	Result	RL Units	Dilution	RL
Total Calcium		**43300**	mg/Kg	10	50.0
Total Magnesium		**3420**	mg/Kg	1	5.00
Total Potassium		**1960**	mg/Kg	1	50.0
Total Sodium		**1010**	mg/Kg	1	50.0

Sample: 81227 - Cell-6

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23867	Date Analyzed:	2006-01-06	Analyzed By:	WB
Prep Batch:	20955	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL Units	Dilution	RL
Sulfate		**250**	mg/Kg	10	2.00

Sample: 81227 - Cell-6

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23859	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**2.00**		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		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 81227 - Cell-6

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

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

Sample: 81228 - Cell-5

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23878	Date Analyzed:	2006-01-06	Analyzed By:	JB
Prep Batch:	20968	Sample Preparation:	2006-01-06	Prepared By:	WB

Parameter	Flag	Result	RL	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		**4250**		mg/Kg as CaCo3	1	4.00
Total Alkalinity		**4250**		mg/Kg as CaCo3	1	4.00

Sample: 81228 - Cell-5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

Parameter	Flag	Result	RL	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)		1.12	mg/Kg	10	0.100	112	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.11	mg/Kg	10	0.100	111	51.7 - 123

Sample: 81228 - Cell-5

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23867	Date Analyzed:	2006-01-06	Analyzed By:	WB
Prep Batch:	20955	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**20.0**		mg/Kg	5	1.00

Sample: 81228 - Cell-5

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23840	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20928	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**437**		µMHOS/cm	1	0.00

Sample: 81228 - Cell-5

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23826	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20920	Sample Preparation:	2006-01-04	Prepared By:	WB

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

Sample: 81228 - Cell-5

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23822	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**22200**	mg/Kg	10	50.0
Total Magnesium		**3000**	mg/Kg	1	5.00
Total Potassium		**2270**	mg/Kg	1	50.0
Total Sodium		**308**	mg/Kg	1	50.0

Sample: 81228 - Cell-5

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23867	Date Analyzed:	2006-01-06	Analyzed By:	WB
Prep Batch:	20955	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**81.2**	mg/Kg	5	2.00

Sample: 81228 - Cell-5

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23859	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

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		**2.41**	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		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 81228 - Cell-5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**155**	mg/Kg	1	10.0

Sample: 81229 - Cell-4

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23878	Date Analyzed:	2006-01-06	Analyzed By:	JB
Prep Batch:	20968	Sample Preparation:	2006-01-06	Prepared By:	WB

Parameter	Flag	Result	RL	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		**52.0**		mg/Kg as CaCo3	1	4.00
Total Alkalinity		**52.0**		mg/Kg as CaCo3	1	4.00

Sample: 81229 - Cell-4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

Parameter	Flag	Result	RL	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)		1.13	mg/Kg	10	0.100	113	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.14	mg/Kg	10	0.100	114	51.7 - 123

Sample: 81229 - Cell-4

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23867	Date Analyzed:	2006-01-06	Analyzed By:	WB
Prep Batch:	20955	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**576**		mg/Kg	50	1.00

Sample: 81229 - Cell-4

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23840	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20928	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**2330**		µMHOS/cm	1	0.00

Sample: 81229 - Cell-4

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23826	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20920	Sample Preparation:	2006-01-04	Prepared By:	WB

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

Sample: 81229 - Cell-4

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23822	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**53900**		mg/Kg	10	50.0
Total Magnesium		**2460**		mg/Kg	1	5.00
Total Potassium		**1440**		mg/Kg	1	50.0
Total Sodium		**916**		mg/Kg	1	50.0

Sample: 81229 - Cell-4

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23867	Date Analyzed:	2006-01-06	Analyzed By:	WB
Prep Batch:	20955	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**454**		mg/Kg	50	2.00

Sample: 81229 - Cell-4

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23859	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**2.05**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500

continued ...

sample 81229 continued . . .

Parameter	Flag	RL Result	Units	Dilution	RL
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 81229 - Cell-4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

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

Sample: 81230 - Cell-3

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23878	Date Analyzed:	2006-01-06	Analyzed By:	JB
Prep Batch:	20968	Sample Preparation:	2006-01-06	Prepared By:	WB

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

Sample: 81230 - Cell-3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

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)		1.13	mg/Kg	10	0.100	113	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.14	mg/Kg	10	0.100	114	51.7 - 123

Sample: 81230 - Cell-3

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23867	Date Analyzed:	2006-01-06	Analyzed By:	WB
Prep Batch:	20955	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**12.3**		mg/Kg	5	1.00

Sample: 81230 - Cell-3

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23840	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20928	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**792**		µMHOS/cm	1	0.00

Sample: 81230 - Cell-3

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23826	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20920	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**8.15**		s.u.	1	0.00

Sample: 81230 - Cell-3

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23822	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**8660**		mg/Kg	1	50.0
Total Magnesium		**2060**		mg/Kg	1	5.00
Total Potassium		**1350**		mg/Kg	1	50.0
Total Sodium		**408**		mg/Kg	1	50.0

Sample: 81230 - Cell-3

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23862	Date Analyzed:	2006-01-06	Analyzed By:	WB
Prep Batch:	20958	Sample Preparation:	2006-01-06	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**327**	mg/Kg	10	2.00

Sample: 81230 - Cell-3

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23859	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

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		**2.21**	mg/L	1	0.100
TCLP Cadmium		<0.0500	mg/L	1	0.0500
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 81230 - Cell-3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

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

Sample: 81231 - Cell-2

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23878	Date Analyzed:	2006-01-06	Analyzed By:	JB
Prep Batch:	20968	Sample Preparation:	2006-01-06	Prepared By:	WB

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		**52.0**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**52.0**	mg/Kg as CaCo3	1	4.00

Sample: 81231 - Cell-2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23770	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20869	Sample Preparation:	2006-01-03	Prepared By:	MT

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)		1.12	mg/Kg	10	0.100	112	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.12	mg/Kg	10	0.100	112	51.7 - 123

Sample: 81231 - Cell-2

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23867	Date Analyzed:	2006-01-06	Analyzed By:	WB
Prep Batch:	20955	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**25.0**	mg/Kg	5	1.00

Sample: 81231 - Cell-2

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23840	Date Analyzed:	2006-01-04	Analyzed By:	WB
Prep Batch:	20928	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**751**	µMHOS/cm	1	0.00

Sample: 81231 - Cell-2

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23826	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20920	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
pH		**8.19**	s.u.	1	0.00

Sample: 81231 - Cell-2

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23822	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20866	Sample Preparation:	2006-01-03	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**18100**		mg/Kg	10	50.0
Total Magnesium		**3550**		mg/Kg	1	5.00
Total Potassium		**2720**		mg/Kg	1	50.0
Total Sodium		**254**		mg/Kg	1	50.0

Sample: 81231 - Cell-2

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23867	Date Analyzed:	2006-01-06	Analyzed By:	WB
Prep Batch:	20955	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**190**		mg/Kg	5	2.00

Sample: 81231 - Cell-2

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23859	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20949	Sample Preparation:	2006-01-06	Prepared By:	TP
		TCLP Extraction:	2006-01-06	Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23868	Date Analyzed:	2006-01-09	Analyzed By:	RR
Prep Batch:	20935	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**1.88**		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		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 81231 - Cell-2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

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

Sample: 81232 - Cell-1

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	23879	Date Analyzed:	2006-01-06	Analyzed By:	JB
Prep Batch:	20969	Sample Preparation:	2006-01-06	Prepared By:	WB

Parameter	Flag	Result	RL	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: 81232 - Cell-1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	23771	Date Analyzed:	2006-01-03	Analyzed By:	MT
Prep Batch:	20870	Sample Preparation:	2006-01-03	Prepared By:	MT

Parameter	Flag	Result	RL	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		**0.0104**		mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.12	mg/Kg	10	0.100	112	87.3 - 140.7
4-Bromofluorobenzene (4-BFB)		1.13	mg/Kg	10	0.100	113	51.7 - 123

Sample: 81232 - Cell-1

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23867	Date Analyzed:	2006-01-06	Analyzed By:	WB
Prep Batch:	20955	Sample Preparation:	2006-01-05	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**15.0**		mg/Kg	5	1.00

Sample: 81232 - Cell-1

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	23841	Date Analyzed:	2006-01-05	Analyzed By:	WB
Prep Batch:	20929	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**794**	µMHOS/cm	1	0.00

Sample: 81232 - Cell-1

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	23827	Date Analyzed:	2006-01-04	Analyzed By:	SS
Prep Batch:	20921	Sample Preparation:	2006-01-04	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
pH		**8.06**	s.u.	1	0.00

Sample: 81232 - Cell-1

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	23823	Date Analyzed:	2006-01-05	Analyzed By:	TP
Prep Batch:	20888	Sample Preparation:	2006-01-04	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**62300**	mg/Kg	10	50.0
Total Magnesium		**3510**	mg/Kg	1	5.00
Total Potassium		**1870**	mg/Kg	1	50.0
Total Sodium		**229**	mg/Kg	1	50.0

Sample: 81232 - Cell-1

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	23862	Date Analyzed:	2006-01-06	Analyzed By:	WB
Prep Batch:	20958	Sample Preparation:	2006-01-06	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**337**	mg/Kg	10	2.00

Sample: 81232 - Cell-1

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	23835	Date Analyzed:	2006-01-06	Analyzed By:	RR
Prep Batch:	20930	Sample Preparation:	2006-01-06	Prepared By:	DS
		TCLP Extraction:	2006-01-06	Prepared By:	DS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	23836	Date Analyzed:	2006-01-06	Analyzed By:	TP
Prep Batch:	20917	Sample Preparation:	2006-01-05	Prepared By:	TP
		TCLP Extraction:	2006-01-05	Prepared By:	TP

Parameter	Flag	Result	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			**1.63**	mg/L	1	0.100
TCLP Cadmium			<0.0500	mg/L	1	0.0500
TCLP Chromium			<0.100	mg/L	1	0.100
TCLP Mercury			<0.0100	mg/L	1	0.0100
TCLP Lead			<0.100	mg/L	1	0.100
TCLP Selenium			<0.500	mg/L	1	0.500

Sample: 81232 - Cell-1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	23834	Date Analyzed:	2006-01-06	Analyzed By:	JL
Prep Batch:	20932	Sample Preparation:	2006-01-06	Prepared By:	JL

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

Method Blank (1) QC Batch: 23770

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00153	mg/Kg	0.001
Toluene		<0.000954	mg/Kg	0.001
Ethylbenzene		<0.000954	mg/Kg	0.001
Xylene		<0.00300	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.09	mg/Kg	10	0.100	109	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Method Blank (1) QC Batch: 23771

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00153	mg/Kg	0.001
Toluene		<0.000954	mg/Kg	0.001
Ethylbenzene		<0.000954	mg/Kg	0.001
Xylene		<0.00300	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.11	mg/Kg	10	0.100	111	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.03	mg/Kg	10	0.100	103	51.7 - 123

Method Blank (1) QC Batch: 23821

Parameter	Flag	MDL Result	Units	RL
Total Calcium		<0.642	mg/Kg	50
Total Magnesium		<1.42	mg/Kg	5
Total Potassium		<1.66	mg/Kg	50
Total Sodium		<1.74	mg/Kg	50

Method Blank (1) QC Batch: 23822

Parameter	Flag	MDL Result	Units	RL
Total Calcium		<0.642	mg/Kg	50
Total Magnesium		<1.42	mg/Kg	5
Total Potassium		<1.66	mg/Kg	50
Total Sodium		<1.74	mg/Kg	50

Method Blank (1) QC Batch: 23823

Parameter	Flag	MDL Result	Units	RL
Total Calcium		<0.642	mg/Kg	50
Total Magnesium		<1.42	mg/Kg	5
Total Potassium		<1.66	mg/Kg	50
Total Sodium		<1.74	mg/Kg	50

Method Blank (1) QC Batch: 23834

Parameter	Flag	MDL Result	Units	RL
TRPHC		8.67	mg/Kg	10

Method Blank (2) QC Batch: 23834

Parameter	Flag	MDL Result	Units	RL
TRPHC		10.8	mg/Kg	10

Method Blank (1) QC Batch: 23835

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: 23836

Parameter	Flag	MDL Result	Units	RL
TCLP Mercury		<0.000102	mg/L	0.01

Method Blank (1) QC Batch: 23839

Parameter	Flag	MDL Result	Units	RL
Specific Conductance		4.95	µMHOS/cm	

Method Blank (1) QC Batch: 23840

Parameter	Flag	MDL Result	Units	RL
Specific Conductance		4.87	µMHOS/cm	

Method Blank (1) QC Batch: 23841

Parameter	Flag	MDL Result	Units	RL
Specific Conductance		4.17	µMHOS/cm	

Method Blank (1) QC Batch: 23856

Parameter	Flag	MDL Result	Units	RL
TCLP Mercury		<0.000102	mg/L	0.01

Method Blank (1) QC Batch: 23859

Parameter	Flag	MDL Result	Units	RL
TCLP Mercury		<0.000102	mg/L	0.01

Matrix Blank (1) QC Batch: 23862

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

Matrix Blank (1) QC Batch: 23865

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

Matrix Blank (1) QC Batch: 23865

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

Matrix Blank (1) QC Batch: 23866

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

Matrix Blank (1) QC Batch: 23866

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

Matrix Blank (1) QC Batch: 23867

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

Matrix Blank (1) QC Batch: 23867

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

Method Blank (1) QC Batch: 23868

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: 23877

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

Method Blank (1) QC Batch: 23878

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

Method Blank (1) QC Batch: 23879

Parameter	Flag	MDL Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1

continued . . .

method blank continued . . .

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

Duplicate (1) QC Batch: 23825

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
pH	8.67	8.66	s.u.	1	0	0.3

Duplicate (1) QC Batch: 23826

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
pH	8.20	8.19	s.u.	1	0	0.3

Duplicate (1) QC Batch: 23827

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
pH	8.07	8.06	s.u.	1	0	0.3

Duplicate (1) QC Batch: 23839

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Specific Conductance	702	695	µMHOS/cm	1	1	2.5

Duplicate (1) QC Batch: 23840

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Specific Conductance	746	751	µMHOS/cm	1	1	2.5

Duplicate (1) QC Batch: 23841

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Specific Conductance	801	794	µMHOS/cm	1	1	2.5

Duplicate (1) QC Batch: 23877

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	32.0	32.0	mg/Kg as CaCo3	1	0	20
Bicarbonate Alkalinity	378	342	mg/Kg as CaCo3	1	10	20
Total Alkalinity	410	374	mg/Kg as CaCo3	1	9	20

Duplicate (1) QC Batch: 23878

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	52.0	mg/Kg as CaCo3	1	4	20
Total Alkalinity	50.0	52.0	mg/Kg as CaCo3	1	4	20

Duplicate (1) QC Batch: 23879

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	44.0	42.0	mg/Kg as CaCo3	1	5	20
Total Alkalinity	44.0	42.0	mg/Kg as CaCo3	1	5	20

Laboratory Control Spike (LCS-1) QC Batch: 23770

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	1.04	1.01	mg/Kg	10	0.100	<0.0153	104	3	79.8 - 108.2	20
Toluene	0.992	0.982	mg/Kg	10	0.100	<0.00954	99	1	72.1 - 112.7	20
Ethylbenzene	1.01	1.00	mg/Kg	10	0.100	<0.00954	101	1	83.6 - 112.3	20
Xylene	2.94	2.92	mg/Kg	10	0.300	<0.0300	98	1	86.2 - 122.8	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)	1.09	1.08	mg/Kg	10	0.100	109	108	60.7 - 130
4-Bromofluorobenzene (4-BFB)	1.11	1.12	mg/Kg	10	0.100	111	112	75.3 - 114

Laboratory Control Spike (LCS-1) QC Batch: 23771

continued ...

control spikes continued ...

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	1.04	1.03	mg/Kg	10	0.100	<0.0153	104	1	79.8 - 108.2	20
Toluene	1.00	0.994	mg/Kg	10	0.100	<0.00954	100	1	72.1 - 112.7	20
Ethylbenzene	1.02	1.01	mg/Kg	10	0.100	<0.00954	102	1	83.6 - 112.3	20
Xylene	2.95	2.93	mg/Kg	10	0.300	<0.0300	98	1	86.2 - 122.8	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)	1.12	1.12	mg/Kg	10	0.100	112	112	60.7 - 130
4-Bromofluorobenzene (4-BFB)	1.12	1.12	mg/Kg	10	0.100	112	112	75.3 - 114

Laboratory Control Spike (LCS-1) QC Batch: 23821

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Calcium	5140	5260	mg/Kg	100	50.0	<64.2	103	2	75 - 125	20
Total Magnesium	4840	4900	mg/Kg	100	50.0	<142	97	1	80 - 120	20
Total Potassium	4600	4750	mg/Kg	100	50.0	<166	92	3	85 - 120	20
Total Sodium	4930	5080	mg/Kg	100	50.0	<174	99	3	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: 23822

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Calcium	5140	5260	mg/Kg	100	50.0	<64.2	103	2	75 - 125	20
Total Magnesium	4840	4900	mg/Kg	100	50.0	<142	97	1	80 - 120	20
Total Potassium	4600	4750	mg/Kg	100	50.0	<166	92	3	85 - 120	20
Total Sodium	4930	5080	mg/Kg	100	50.0	<174	99	3	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: 23823

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Calcium	4780	4910	mg/Kg	100	50.0	<64.2	96	3	75 - 125	20
Total Magnesium	4690	4770	mg/Kg	100	50.0	<142	94	2	80 - 120	20
Total Potassium	4780	4880	mg/Kg	100	50.0	<166	96	2	85 - 120	20
Total Sodium	4990	5040	mg/Kg	100	50.0	<174	100	1	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: 23834

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	245	246	mg/Kg	1	250	<5.91	98	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-2) QC Batch: 23834

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	248	248	mg/Kg	1	250	<5.91	99	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: 23835

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Silver	1.21	1.20	mg/L	1	1.25	<0.00780	97	1	75 - 125	
TCLP Arsenic	4.55	4.57	mg/L	1	5.00	<0.0590	91	0	75 - 125	20
TCLP Barium	10.2	10.1	mg/L	1	10.0	<0.00340	102	1	75 - 125	20
TCLP Cadmium	2.35	2.33	mg/L	1	2.50	<0.00270	94	1	79.8 - 114	20
TCLP Chromium	0.942	0.932	mg/L	1	1.00	<0.00660	94	1	75 - 125	20
TCLP Lead	4.52	4.50	mg/L	1	5.00	<0.0370	90	0	86.4 - 123	20
TCLP Selenium	4.56	4.53	mg/L	1	5.00	<0.100	91	1	78.9 - 106	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: 23836

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Mercury	0.00505	0.00477	mg/L	1	0.00500	<0.000102	101	6	82.3 - 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: 23856

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Mercury	0.00521	0.00475	mg/L	1	0.00500	<0.000102	104	9	82.3 - 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: 23859

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Mercury	0.00521	0.00475	mg/L	1	0.00500	<0.000102	104	9	82.3 - 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: 23862

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	12.2	12.2	mg/Kg	1	12.5	<0.0581	97	1	90 - 110	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: 23865

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	12.4	13.0	mg/Kg	2	12.5	<0.0444	50	4	90 - 110	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: 23865

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	12.8	12.6	mg/Kg	2	12.5	<0.116	51	1	90 - 110	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: 23866

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	12.7	12.8	mg/Kg	2	12.5	<0.0444	51	1	90 - 110	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: 23866

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	13.2	13.1	mg/Kg	2	12.5	<0.116	53	1	90 - 110	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: 23867

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	12.5	12.2	mg/Kg	1	12.5	<0.0222	100	2	90 - 110	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: 23867

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	11.9	12.2	mg/Kg	1	12.5	<0.0581	95	2	90 - 110	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: 23868

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Silver	1.21	1.22	mg/L	1	1.25	<0.00780	97	1	75 - 125	
TCLP Arsenic	5.07	5.04	mg/L	1	5.00	<0.0590	101	1	75 - 125	20
TCLP Barium	10.4	10.9	mg/L	1	10.0	<0.00340	104	5	75 - 125	20
TCLP Cadmium	2.48	2.48	mg/L	1	2.50	<0.00270	99	0	79.8 - 114	20
TCLP Chromium	1.01	1.08	mg/L	1	1.00	<0.00660	101	7	75 - 125	20
TCLP Lead	4.64	4.60	mg/L	1	5.00	<0.0370	93	1	86.4 - 123	20
TCLP Selenium	4.76	4.68	mg/L	1	5.00	<0.100	95	2	78.9 - 106	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: 23770 Spiked Sample: 81212

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.748	1.01	mg/Kg	10	0.100	<0.0153	75	30	44.4 - 139.4	20
Toluene	0.777	1.08	mg/Kg	10	0.100	<0.00954	78	33	40.7 - 148.8	20
Ethylbenzene	0.826	1.15	mg/Kg	10	0.100	<0.00954	83	33	51.7 - 146.3	20
Xylene	2.40	3.36	mg/Kg	10	0.300	<0.0300	80	33	48 - 168.8	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.10	1.08	mg/Kg	10	0.1	110	108	47.1 - 124
4-Bromofluorobenzene (4-BFB)	1.14	1.14	mg/Kg	10	0.1	114	114	51.7 - 123

Matrix Spike (MS-1) QC Batch: 23771 Spiked Sample: 81232

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	1.04	1.00	mg/Kg	10	0.100	<0.0153	104	4	44.4 - 139.4	20
Toluene	1.10	1.06	mg/Kg	10	0.100	<0.00954	110	4	40.7 - 148.8	20
Ethylbenzene	1.18	1.14	mg/Kg	10	0.100	<0.00954	118	3	51.7 - 146.3	20
Xylene	3.44	3.34	mg/Kg	10	0.300	<0.0300	115	3	48 - 168.8	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.08	1.09	mg/Kg	10	0.1	108	109	47.1 - 124
4-Bromofluorobenzene (4-BFB)	1.14	1.16	mg/Kg	10	0.1	114	116	51.7 - 123

Matrix Spike (MS-1) QC Batch: 23821 Spiked Sample: 81212

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Calcium [1]	112000	115000	mg/Kg	100	50.0	107000	100	3	75 - 125	20
Total Magnesium	9840	9930	mg/Kg	100	50.0	4530	106	1	75 - 125	20
Total Potassium	7270	7190	mg/Kg	100	50.0	1990	106	1	75 - 125	20
Total Sodium	5610	5700	mg/Kg	100	50.0	<174	109	2	75 - 125	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: 23822 Spiked Sample:

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Calcium	46600	46300	mg/Kg	100	50.0	42400	84	1	75 - 125	20
Total Magnesium	9200	9310	mg/Kg	100	50.0	4590	92	1	75 - 125	20
Total Potassium	6900	6780	mg/Kg	100	50.0	2210	94	2	75 - 125	20
Total Sodium	5800	5790	mg/Kg	100	50.0	217	112	0	75 - 125	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: 23823 Spiked Sample: 81232

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Calcium [2]	68400	74500	mg/Kg	100	50.0	62300	122	8	75 - 125	20
Total Magnesium	8200	8040	mg/Kg	100	50.0	3510	94	2	75 - 125	20
Total Potassium	6780	6660	mg/Kg	100	50.0	1870	98	2	75 - 125	20
Total Sodium	5670	5560	mg/Kg	100	50.0	229	109	2	75 - 125	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: 23834 Spiked Sample: 81227

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	250	252	mg/Kg	1	250	<5.91	100	1	80 - 120	20

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

Matrix Spike (MS-2) QC Batch: 23834 Spiked Sample: 81232

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	251	254	mg/Kg	1	250	<5.91	100	1	80 - 120	20

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

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

Matrix Spike (MS-1) QC Batch: 23835 Spiked Sample: 79305

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Silver	1.20	1.22	mg/L	1	1.25	0.0122	95	2	75 - 125	
TCLP Arsenic	4.75	4.84	mg/L	1	5.00	<0.0590	95	2	75 - 125	20
TCLP Barium	10.5	10.8	mg/L	1	10.0	1.966	85	3	75 - 125	20
TCLP Cadmium	2.23	2.27	mg/L	1	2.50	<0.00270	89	2	82.2 - 107	20
TCLP Chromium	0.912	0.944	mg/L	1	1.00	<0.00660	91	3	75 - 125	20
TCLP Lead	4.34	4.44	mg/L	1	5.00	<0.0370	87	2	86.4 - 123	20
TCLP Selenium	4.45	4.52	mg/L	1	5.00	<0.100	89	2	80.6 - 103	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: 23836 Spiked Sample: 79305

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Mercury	0.00563	0.00573	mg/L	1	0.00500	<0.000102	113	2	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: 23856 Spiked Sample: 81212

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Mercury	0.00502	0.00502	mg/L	1	0.00500	0.000295	94	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: 23859 Spiked Sample: 81222

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Mercury	0.00535	0.00536	mg/L	1	0.00500	<0.000102	107	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: 23862 Spiked Sample: 81222

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate [3,4]	1260	1260	mg/Kg	50	12.5	1690	-67	0	80.1 - 116	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: 23865 Spiked Sample: 81217

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

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	1300	1290	mg/Kg	100	12.5	145	92	1	81.5 - 115	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: 23865 Spiked Sample: 81217

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	1310	1280	mg/Kg	100	12.5	172	91	2	80.1 - 116	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: 23866 Spiked Sample: 81226

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	72.3	74.5	mg/Kg	5	12.5	16	90	3	81.5 - 115	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: 23866 Spiked Sample: 81226

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	297	295	mg/Kg	5	12.5	235	99	1	80.1 - 116	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: 23867 Spiked Sample: 81229

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	<0.0222	<0.0222	mg/Kg	1	12.5	<0.0222			81.5 - 115	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: 23867 Spiked Sample: 81229

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	<0.0581	<0.0581	mg/Kg	1	12.5	<0.0581			80.1 - 116	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: 23868 Spiked Sample: 81212

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Silver	1.20	1.22	mg/L	1	1.25	<0.00780	96	2	75 - 125	
TCLP Arsenic	4.91	4.91	mg/L	1	5.00	<0.0590	98	0	75 - 125	20
TCLP Barium	12.0	12.1	mg/L	1	10.0	3.05	90	1	75 - 125	20
TCLP Cadmium	2.35	2.38	mg/L	1	2.50	<0.00270	94	1	82.2 - 107	20
TCLP Chromium	1.08	1.08	mg/L	1	1.00	<0.00660	108	0	75 - 125	20
TCLP Lead	4.39	4.39	mg/L	1	5.00	<0.0370	88	0	86.4 - 123	20
TCLP Selenium	4.67	4.67	mg/L	1	5.00	<0.100	93	0	80.6 - 103	20

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

Matrix Spike (MS-2) QC Batch: 23868 Spiked Sample: 81223

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Silver	1.20	1.22	mg/L	1	1.25	<0.00780	96	2	75 - 125	
TCLP Arsenic	4.92	4.98	mg/L	1	5.00	<0.0590	98	1	75 - 125	20
TCLP Barium	11.5	11.5	mg/L	1	10.0	2.51	90	0	75 - 125	20
TCLP Cadmium	2.36	2.38	mg/L	1	2.50	<0.00270	94	1	82.2 - 107	20
TCLP Chromium	1.08	1.09	mg/L	1	1.00	<0.00660	108	1	75 - 125	20
TCLP Lead	4.38	4.42	mg/L	1	5.00	<0.0370	88	1	86.4 - 123	20
TCLP Selenium	4.64	4.73	mg/L	1	5.00	<0.100	93	2	80.6 - 103	20

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

Standard (ICV-1) QC Batch: 23770

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.104	104	85 - 115	2006-01-03
Toluene		mg/Kg	0.100	0.0992	99	85 - 115	2006-01-03
Ethylbenzene		mg/Kg	0.100	0.105	105	85 - 115	2006-01-03
Xylene		mg/Kg	0.300	0.309	103	85 - 115	2006-01-03

Standard (CCV-1) QC Batch: 23770

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.103	103	85 - 115	2006-01-03
Toluene		mg/Kg	0.100	0.101	101	85 - 115	2006-01-03
Ethylbenzene		mg/Kg	0.100	0.103	103	85 - 115	2006-01-03
Xylene		mg/Kg	0.300	0.298	99	85 - 115	2006-01-03

Standard (ICV-1) QC Batch: 23771

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.101	101	85 - 115	2006-01-03
Toluene		mg/Kg	0.100	0.0988	99	85 - 115	2006-01-03
Ethylbenzene		mg/Kg	0.100	0.100	100	85 - 115	2006-01-03
Xylene		mg/Kg	0.300	0.291	97	85 - 115	2006-01-03

Standard (CCV-1) QC Batch: 23771

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.105	105	85 - 115	2006-01-03
Toluene	[5]	mg/Kg	0.100	0.125	125	85 - 115	2006-01-03
Ethylbenzene		mg/Kg	0.100	0.107	107	85 - 115	2006-01-03
Xylene		mg/Kg	0.300	0.314	105	85 - 115	2006-01-03

Standard (ICV-1) QC Batch: 23821

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	2006-01-05
Total Magnesium		mg/Kg	50.0	51.7	103	90 - 110	2006-01-05
Total Potassium		mg/Kg	50.0	52.0	104	90 - 110	2006-01-05
Total Sodium		mg/Kg	50.0	54.0	108	90 - 110	2006-01-05

Standard (CCV-1) QC Batch: 23821

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Calcium		mg/Kg	50.0	52.4	105	90 - 110	2006-01-05
Total Magnesium		mg/Kg	50.0	50.0	100	90 - 110	2006-01-05
Total Potassium		mg/Kg	50.0	51.8	104	90 - 110	2006-01-05
Total Sodium		mg/Kg	50.0	53.6	107	90 - 110	2006-01-05

Standard (ICV-1) QC Batch: 23822

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	2006-01-05
Total Magnesium		mg/Kg	50.0	51.7	103	90 - 110	2006-01-05
Total Potassium		mg/Kg	50.0	52.0	104	90 - 110	2006-01-05
Total Sodium		mg/Kg	50.0	54.0	108	90 - 110	2006-01-05

Standard (CCV-1) QC Batch: 23822

[5]Toluene outside of control limits on CCV(ICV). CCV(ICV) component average is 110.4 which is within acceptable range. This is acceptable by Method 8000.

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Calcium		mg/Kg	50.0	49.6	99	90 - 110	2006-01-05
Total Magnesium		mg/Kg	50.0	47.6	95	90 - 110	2006-01-05
Total Potassium		mg/Kg	50.0	49.9	100	90 - 110	2006-01-05
Total Sodium		mg/Kg	50.0	50.6	101	90 - 110	2006-01-05

Standard (ICV-1) QC Batch: 23823

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Calcium		mg/Kg	50.0	50.9	102	90 - 110	2006-01-05
Total Magnesium		mg/Kg	50.0	51.1	102	90 - 110	2006-01-05
Total Potassium		mg/Kg	50.0	52.4	105	90 - 110	2006-01-05
Total Sodium		mg/Kg	50.0	53.5	107	90 - 110	2006-01-05

Standard (CCV-1) QC Batch: 23823

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Calcium		mg/Kg	50.0	47.6	95	90 - 110	2006-01-05
Total Magnesium		mg/Kg	50.0	46.0	92	90 - 110	2006-01-05
Total Potassium		mg/Kg	50.0	46.9	94	90 - 110	2006-01-05
Total Sodium		mg/Kg	50.0	47.9	96	90 - 110	2006-01-05

Standard (ICV-1) QC Batch: 23825

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	6.98	100	98 - 102	2006-01-04

Standard (CCV-1) QC Batch: 23825

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	2006-01-04

Standard (ICV-1) QC Batch: 23826

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	7.02	100	98 - 102	2006-01-04

Standard (CCV-1) QC Batch: 23826

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	6.98	100	98 - 102	2006-01-04

Standard (ICV-1) QC Batch: 23827

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	7.00	100	98 - 102	2006-01-04

Standard (CCV-1) QC Batch: 23827

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	2006-01-04

Standard (ICV-1) QC Batch: 23834

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	109	109	80 - 120	2006-01-06

Standard (CCV-1) QC Batch: 23834

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	115	115	80 - 120	2006-01-06

Standard (CCV-2) QC Batch: 23834

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	114	114	80 - 120	2006-01-06

Standard (ICV-2) QC Batch: 23834

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	2006-01-06

Standard (CCV-3) QC Batch: 23834

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	119	119	80 - 120	2006-01-06

Standard (ICV-1) QC Batch: 23835

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Silver		mg/L	0.125	0.123	98	90 - 110	2006-01-06
TCLP Arsenic		mg/L	1.00	0.988	99	90 - 110	2006-01-06
TCLP Barium		mg/L	1.00	0.988	99	90 - 110	2006-01-06
TCLP Cadmium		mg/L	1.00	1.00	100	90 - 110	2006-01-06
TCLP Chromium		mg/L	1.00	0.998	100	90 - 110	2006-01-06
TCLP Lead		mg/L	1.00	0.997	100	90 - 110	2006-01-06
TCLP Selenium		mg/L	1.00	0.985	98	90 - 110	2006-01-06

Standard (CCV-1) QC Batch: 23835

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Silver		mg/L	0.125	0.123	98	90 - 110	2006-01-06
TCLP Arsenic		mg/L	1.00	0.992	99	90 - 110	2006-01-06
TCLP Barium		mg/L	1.00	0.982	98	90 - 110	2006-01-06
TCLP Cadmium		mg/L	1.00	1.00	100	90 - 110	2006-01-06
TCLP Chromium		mg/L	1.00	0.995	100	90 - 110	2006-01-06
TCLP Lead		mg/L	1.00	0.999	100	90 - 110	2006-01-06
TCLP Selenium		mg/L	1.00	0.990	99	90 - 110	2006-01-06

Standard (ICV-1) QC Batch: 23836

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Mercury		mg/L	0.00500	0.00520	104	90 - 110	2006-01-06

Standard (CCV-1) QC Batch: 23836

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Mercury		mg/L	0.00500	0.00500	100	80 - 120	2006-01-06

Standard (ICV-1) QC Batch: 23839

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		µMHOS/cm	1410	1480	105	90 - 110	2006-01-04

Standard (CCV-1) QC Batch: 23839

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		µMHOS/cm	1410	1540	109	90 - 110	2006-01-04

Standard (ICV-1) QC Batch: 23840

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		µMHOS/cm	1410	1480	105	90 - 110	2006-01-04

Standard (CCV-1) QC Batch: 23840

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		µMHOS/cm	1410	1540	109	90 - 110	2006-01-04

Standard (ICV-1) QC Batch: 23841

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		µMHOS/cm	1410	1490	105	90 - 110	2006-01-05

Standard (CCV-1) QC Batch: 23841

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		µMHOS/cm	1410	1540	109	90 - 110	2006-01-05

Standard (ICV-1) QC Batch: 23856

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	2006-01-06

Standard (CCV-1) QC Batch: 23856

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Mercury		mg/L	0.00500	0.00492	98	80 - 120	2006-01-06

Standard (ICV-1) QC Batch: 23859

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	2006-01-06

Standard (CCV-1) QC Batch: 23859

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	2006-01-06

Standard (ICV-1) QC Batch: 23862

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	12.3	98	90 - 110	2006-01-06

Standard (CCV-1) QC Batch: 23862

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	12.3	98	90 - 110	2006-01-06

Standard (ICV-1) QC Batch: 23865

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	2006-01-05

Standard (ICV-1) QC Batch: 23865

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	12.2	98	90 - 110	2006-01-05

Standard (CCV-1) QC Batch: 23865

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	11.4	91	90 - 110	2006-01-05

Standard (CCV-1) QC Batch: 23865

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	12.1	97	90 - 110	2006-01-05

Standard (ICV-1) QC Batch: 23866

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	11.4	91	90 - 110	2006-01-05

Standard (ICV-1) QC Batch: 23866

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	12.1	97	90 - 110	2006-01-05

Standard (CCV-1) QC Batch: 23866

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	11.5	92	90 - 110	2006-01-05

Standard (CCV-1) QC Batch: 23866

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	12.1	97	90 - 110	2006-01-05

Standard (ICV-1) QC Batch: 23867

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	11.5	92	90 - 110	2006-01-06

Standard (ICV-1) QC Batch: 23867

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	12.1	97	90 - 110	2006-01-06

Standard (CCV-1) QC Batch: 23867

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	<0.0222		90 - 110	2006-01-06

Standard (CCV-1) QC Batch: 23867

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	<0.0581		90 - 110	2006-01-06

Standard (ICV-1) QC Batch: 23868

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Silver		mg/L	0.125	0.126	101	90 - 110	2006-01-09
TCLP Arsenic		mg/L	1.00	1.01	101	90 - 110	2006-01-09
TCLP Barium		mg/L	1.00	1.02	102	90 - 110	2006-01-09
TCLP Cadmium		mg/L	1.00	1.01	101	90 - 110	2006-01-09
TCLP Chromium		mg/L	1.00	1.01	101	90 - 110	2006-01-09
TCLP Lead		mg/L	1.00	1.01	101	90 - 110	2006-01-09
TCLP Selenium		mg/L	1.00	1.02	102	90 - 110	2006-01-09

Standard (CCV-1) QC Batch: 23868

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Silver		mg/L	0.125	0.124	99	90 - 110	2006-01-09
TCLP Arsenic		mg/L	1.00	1.02	102	90 - 110	2006-01-09
TCLP Barium		mg/L	1.00	1.04	104	90 - 110	2006-01-09
TCLP Cadmium		mg/L	1.00	1.02	102	90 - 110	2006-01-09
TCLP Chromium		mg/L	1.00	1.02	102	90 - 110	2006-01-09
TCLP Lead		mg/L	1.00	1.00	100	90 - 110	2006-01-09
TCLP Selenium		mg/L	1.00	1.04	104	90 - 110	2006-01-09

Standard (CCV-2) QC Batch: 23868

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	2006-01-09
TCLP Arsenic		mg/L	1.00	1.03	103	90 - 110	2006-01-09
TCLP Barium		mg/L	1.00	1.03	103	90 - 110	2006-01-09
TCLP Cadmium		mg/L	1.00	1.02	102	90 - 110	2006-01-09
TCLP Chromium		mg/L	1.00	1.02	102	90 - 110	2006-01-09
TCLP Lead		mg/L	1.00	1.01	101	90 - 110	2006-01-09
TCLP Selenium		mg/L	1.00	1.04	104	90 - 110	2006-01-09

Standard (ICV-1) QC Batch: 23877

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/Kg as CaCo3	250	232	93	90 - 110	2006-01-05

Standard (CCV-1) QC Batch: 23877

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/Kg as CaCo3	250	232	93	90 - 110	2006-01-05

Standard (ICV-1) QC Batch: 23878

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Hydroxide Alkalinity		mg/Kg as CaCo3	0.00	<1.00		0 - 200	2006-01-06
Carbonate Alkalinity		mg/Kg as CaCo3	0.00	<1.00		0 - 200	2006-01-06
Bicarbonate Alkalinity		mg/Kg as CaCo3	0.00	<4.00		0 - 200	2006-01-06
Total Alkalinity		mg/Kg as CaCo3	250	232	93	90 - 110	2006-01-06

Standard (CCV-1) QC Batch: 23878

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/Kg as CaCo3	250	230	92	90 - 110	2006-01-06

Standard (ICV-1) QC Batch: 23879

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/Kg as CaCo3	250	232	93	90 - 110	2006-01-06

Standard (CCV-1) QC Batch: 23879

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/Kg as CaCo3	250	230	92	90 - 110	2006-01-06

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 6010304

Company Name: Gandy Marley Inc. Phone #: 505-347-0434

Address: (Street, City, Zip) PO Box 1658 Roswell, NM 88202 Fax #: 505-347-0435 e-mail: gandyz@leaco.net

Contact Person: Bill or Mike Marley, Larry Gandy

Invoice to: (If different from above)

Project #: Annual Sampling (NM-711-1-0020) Project Name: GMI Landform

Project Location: Sec. 4, 5, 8, 9 T.11S R.31E, Chaves Co, NM Sampler Signature: Clinton Moseley

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
31212	Cell-21	2	4oz		X								X	12/29/05	1042
13	Cell-18														1058
14	Cell-20														1110
15	Cell-19														1147
16	Cell-17														1157
17	Cell-15														1207
18	Cell-16														1214
19	Cell-13														1231
20	Cell-14														1238
21	Cell-12														1246
22	Cell-11	↓	↓	↓									↓	↓	1253

ANALYSIS REQUEST	Turn Around Time if different from standard	Hold
MTBE 8021B/602		
BTEX 8021B/602		
TPH 418.1/TX1005		
TX 1005 Extended (C35)		
PAH 8270C		
Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7		
TCLP Metals Ag As Ba Cd Cr Pb Se Hg		
TCLP Volatiles		
TCLP Semi Volatiles		
TCLP Pesticides		
RCI		
GC/MS Vol. 8260B/624		
GC/MS Semi. Vol. 8270C/625		
PCB's 8082/608		
Pesticides 8081A/608		
BOD, TSS, pH		
Moisture Content		
Na, Ca, Mg, K, Cl	X	
SO4, CO3, HCO3	X	
pH, Conductivity, Total Alkalinity	X	

Relinquished by: Date: 12/30/05 Time: 0830

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received at Laboratory by: Date: 12/31/05 Time: 11:45

LAB USE ONLY

Intact (Y) N

Headspace Y (N)

Temp 4 °

Log-in Review MM

REMARKS: Please email Results ASAP to Cmbenvironmental.com Thank you.

- ☐ Dry Weight Basis Required
- ☐ TRRP Report Required
- ☐ Check If Special Reporting Limits Are Needed

Carrier # TNM&O GL1 168 784 342 1

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

ORIGINAL COPY

Report Date: January 13, 2006
Annual Sampling (NM-711-1-0020)

Work Order: 6010304
Gandy Marley Land Farm

Page Number: 78 of 79
Sec4,Sec5,Sec8,Sec9 T.11.SR.31E

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296
email: lab@traceanalysis.com

TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 6010304

Company Name: Gandy Marley, Inc.
Phone #: 505-347-0434
Address: (Street, City, Zip) PO Box 1658 Roswell, NM 88202-1658
Fax #: 505-347-0435
e-mail: gandy20@zia.net
Contact Person: Bill or Mike Marley, Larry Gandy
Invoice to: (If different from above)
Project #: Annual Sampling (NM-711-1-0020)
Project Name: GMI Land Farm
Project Location: Sec. 4,5,8,9 T.11.S. R31E. Chaves Co, NM
Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
81223	Cell-10	2	40z		X								X	12/18/05	1300
24	Cell-9														1311
25	Cell-7														1318
26	Cell-8														1325
27	Cell-6														1332
28	Cell-5														1337
29	Cell-4														1345
30	Cell-3														1353
31	Cell-2														1401
32	Cell-1														1407
	Temp Blank	2	125mL	X									X		

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602; BTEX 8021B/602; TPH 418.1/TX1005; TX 1005 Extended (C35); PAH 8270C; Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7; TCLP Metals Ag As Ba Cd Cr Pb Se Hg; TCLP Volatiles; TCLP Semi Volatiles; TCLP Pesticides; RCI; GC/MS Vol. 8260B/624; GC/MS Semi. Vol. 8270C/625; PCB's 8082/608; Pesticides 8081A/608; BOD, TSS, pH; Moisture Content; Na, Ca, Mg, K, Cl; SO4, CO3, HCO3; Alk. Conductivity, Total Alkalinity; Turn Around Time if different from standard; Hold

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	12/30/05	0832			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
				12/31/05	11:45

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

ORIGINAL COPY

LAB USE ONLY

Intact Y / N
Headspace Y / N
Temp 4.4 °
Log-in Review

REMARKS: Please email Results ASAP To Cmbenvire@Hfn.com Thank-you.

- Dry Weight Basis Required
- TRRP Report Required
- Check If Special Reporting Limits Are Needed

Carrier # TNM0 GL1 168 784 342 1

November 11, 2005

RECEIVED
NOV 14 2005
OIL CONSERVATION DIVISION

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 Fourth Quarterly Monitoring Report for Year 2005
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-711-1-0020)

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 PTB 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-711-1-0020**

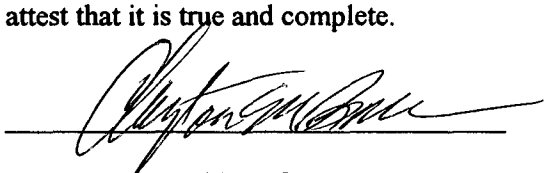
5. Address/legal description:
   SW/4 of Section 4, SE/4 of Section 5, NE/4 of Section 8, & NW/4 of Section 9
   T. 11 S. R. 31 E., NMPM
   Chaves County, NM

6. Author/consulting company:
   Clayton M. Barnhill, PG, CMB Environmental & Geological Services, Inc.

7. Date of report: **November 11, 2005**

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. 12/31/05

Date: 11/11/2005

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-711-1-0020 (Gandy Marley Inc., 1995 approved by the New Mexico Energy, Minerals, & Natural Resources Department Oil Conservation Division (NMOCD) Environmental Bureau on January 27, 1995.

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-711-1-0020. The commercial landfarm is being managed in accordance with the NMOCD approved Commercial Landfarm Permit NM-711-1-0020. 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 fourth quarter of monitoring year 2005 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, and also Chloride in cells 15, 18, 20, 21 & 22 (cells in which chloride contaminated soils had been placed), 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-711-1-0020.

The soil sampling and monitor well 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.

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

Fourth quarter 2005 sampling / monitoring was performed on October 7, 2005. 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, and Chloride (in cells 15, 18, 20, 21 & 22).

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. is continuing to show 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 <0.0100 PPM BTEX, and acceptable TPH concentrations (≤350 PPM TPH). Chlorides concentrations are below 250 PPM in all cells with the exception of Cell #'s 20 & 22. 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. 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 ≤ 350 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

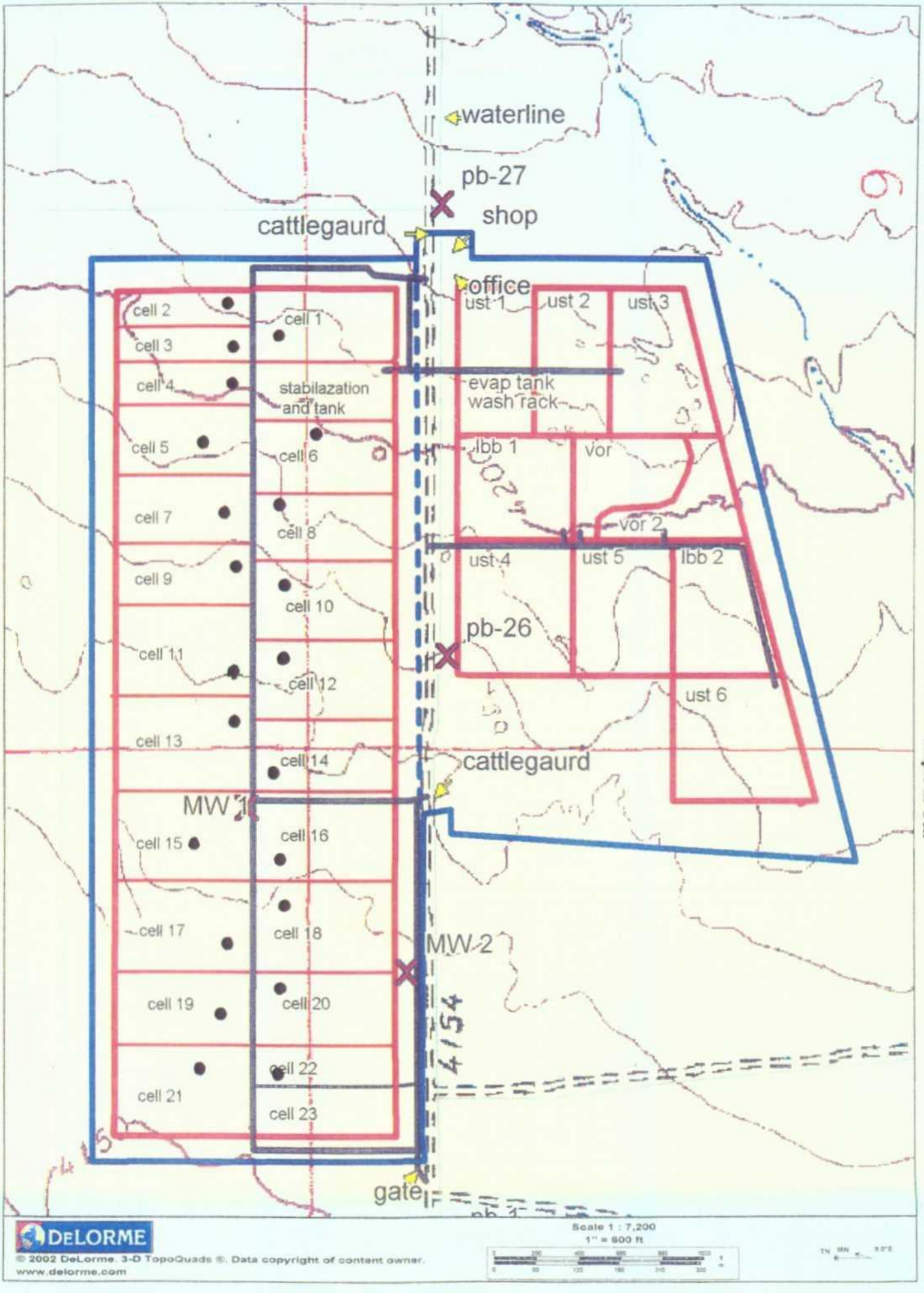
LIST OF TABLES

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:



Gandy – Marley Commercial Landfarm
Fourth Quarter 2005 Soil Sampling
• = Sample Location of Soil Sample in Cell

Table 1:

Summary Report

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

Report Date: October 13, 2005

Work Order: 5101020

Project Location: GMI Landfarm Chaves Co, NM
Project Name: GMI Landfarm
Project Number: 4th Qtr. Soil Sampling 2005

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
75379	Cell #1	soil	2005-10-07	09:25	2005-10-10
75380	Cell #2	soil	2005-10-07	09:45	2005-10-10
75381	Cell #3	soil	2005-10-07	09:50	2005-10-10
75382	Cell #4	soil	2005-10-07	10:05	2005-10-10
75383	Cell #5	soil	2005-10-07	10:45	2005-10-10
75384	Cell #6	soil	2005-10-07	11:03	2005-10-10
75385	Cell #7	soil	2005-10-07	11:13	2005-10-10
75386	Cell #8	soil	2005-10-07	11:26	2005-10-10
75387	Cell #9	soil	2005-10-07	11:38	2005-10-10
75388	Cell #10	soil	2005-10-07	11:44	2005-10-10
75389	Cell #11	soil	2005-10-07	11:56	2005-10-10
75390	Cell #12	soil	2005-10-07	12:02	2005-10-10
75391	Cell #13	soil	2005-10-07	12:11	2005-10-10
75392	Cell #14	soil	2005-10-07	12:18	2005-10-10
75393	Cell #15	soil	2005-10-07	12:28	2005-10-10
75394	Cell #16	soil	2005-10-07	12:36	2005-10-10
75395	Cell #17	soil	2005-10-07	12:48	2005-10-10
75396	Cell #18	soil	2005-10-07	15:10	2005-10-10
75397	Cell #19	soil	2005-10-07	12:57	2005-10-10
75398	Cell #20	soil	2005-10-07	15:20	2005-10-10
75399	Cell #21	soil	2005-10-07	15:30	2005-10-10
75400	Cell #22	soil	2005-10-07	13:05	2005-10-10

	BTEX				MTBE	TPH 418.1
Sample - Field Code	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	TRPHC (mg/Kg)
75379 - Cell #1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
75380 - Cell #2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
75381 - Cell #3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
75382 - Cell #4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
75383 - Cell #5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
75384 - Cell #6	<0.0100	<0.0100	<0.0100	<0.0100		**238**
75385 - Cell #7	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
75386 - Cell #8	<0.0100	<0.0100	<0.0100	<0.0100		**45.2**
75387 - Cell #9	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
75388 - Cell #10	<0.0100	<0.0100	<0.0100	<0.0100		<10.0

continued ...

... continued

Sample - Field Code	BTEX Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE MTBE (mg/Kg)	TPH 418.1 TRPHC (mg/Kg)
75389 - Cell #11	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
75390 - Cell #12	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
75391 - Cell #13	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
75392 - Cell #14	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
75393 - Cell #15	<0.0100	<0.0100	<0.0100	<0.0100		**81.2**
75394 - Cell #16	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
75395 - Cell #17	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
75396 - Cell #18	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
75397 - Cell #19	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
75398 - Cell #20	<0.0100	<0.0100	<0.0100	<0.0100		**350**
75399 - Cell #21	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
75400 - Cell #22	<0.0100	<0.0100	<0.0100	<0.0100		<10.0

Sample: 75393 - Cell #15

Param	Flag	Result	Units	RL
Chloride		**133**	mg/Kg	1.00

Sample: 75396 - Cell #18

Param	Flag	Result	Units	RL
Chloride		**140**	mg/Kg	1.00

Sample: 75398 - Cell #20

Param	Flag	Result	Units	RL
Chloride		**1110**	mg/Kg	1.00

Sample: 75399 - Cell #21

Param	Flag	Result	Units	RL
Chloride		**71.8**	mg/Kg	1.00

Sample: 75400 - Cell #22

Param	Flag	Result	Units	RL
Chloride		**648**	mg/Kg	1.00

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, and Chloride (in cells that had taken chloride contaminated soils). 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 10/07/05

Project / Client 4th Quarter Soil Sampling

NMOCD 711-11-0020 By: CMB Environmental

Page 1 of 4 By: CMB

All samples 2x 4oz/ 6/2oz Jars/ No Pres

Cell #	Time	GPS Coordinates	Remarks
Cell #1	0925	N 33° 23' 11.4" W 103° 49' 45.1" @ 36" Below Liff	Red Clayey Sand No odor or stain
Cell #2	0945	N 33° 23' 12.4" W 103° 49' 43.6" @ 32" Below Liff	Red Clayey Sand No odor or stain
Cell #3	0950	N 33° 23' 12.5" W 103° 49' 45.4" @ 36" Below Liff	Red Clayey Sand No odor or staining
Cell #4	10:05	N 33° 23' 12.4" W 103° 49' 47.7" @ 32" Below Liff.	Tan Brown Clayey Sand w/ Caliche No odor stain
Cell #5	10:45	N 33° 23' 12.1" W 103° 49' 50.9" @ 36" Below Liff	Brown Clayey Sand No odor stain
Cell #6	11:03	N 33° 23' 11.3" W 103° 49' 52.5" @ 34" Below Liff	Brown Clayey Sand No odor or stain
Cell #7	11:13	N 33° 23' 12" W 103° 49' 55.0" @ 36" Below Liff	Red Clayey Sand No odor or stain

Location GMI Landfarm Date 10/07/05

Project / Client 4th Qtr. Soil Sampling

NMOCD 711-11-0020 By CMB Environmental

Page 2 of 4 By: CMB

Cell #	Time	GPS Coordinates	Remarks
Cell #8	11:26	N 33° 23' 11.2 W 103° 49' 55.6 @ 32" Below Liff	Tan brown Clayey sand w/ white Caliche No odor or stain
Cell #9	11:38	N 33° 23' 12.0" W 103° 49' 57.7" @ 36" Below Liff	Red clayey Sand No odor or stain
Cell #10	11:44	N 33° 23' 10.9" W 103° 49' 58.8" @ 32" Below Liff.	Red Clayey Sand No odor or staining
Cell #11	11:56	N 33° 23' 11.9" W 103° 50' 02.2" @ 36" Below Liff	Red Clayey Sand w/ No odor or staining
Cell #12	12:02	N 33° 23' 10.8" W 103° 50' 02.8" @ 32" Below Liff.	Brown clayey Sand No odor or stain
Cell #13	12:11	N 33° 23' 11.9" W 103° 50' 06.9" @ 36" Below Liff	Brown to Red Clayey Sand No odor or stain
Cell #14	12:18	N 33° 23' 10.1" W 103° 50' 06.7" @ 36" Below Liff.	Red Clayey Sand No odor or stain

Location GMI Landfarm Date 10/20/05

Project / Client 4th Qtr. Soil Sampling

NMOCD 711-11-0020 By: CMS Environmental

Cell #	Time	GPS Coordinates	Remarks
Cell #15	12:28	N33°23'11.9" W103°50'11.4" @ 32" Below Lift	Brown Clay Sand Slight odor No Stain
Cell #16	12:36	N33°23'08.0" W103°50'12.5" @ 36" Below Lift	Brown Clay Sand No odor or Stain
Cell #17	12:48	N33°23'11.8" W103°50'16.7" @ 36" Below Lift	Brown Clayey Sand No odor or Stain
Cell #18	15:10	N33°29'10.0" W103°50'17.2" @ 32" Below Lift	Red Clay Sand No odor or Stain
Cell #19	12:57	N33°23'12.3" W103°50'21.4" @ 36" Below Lift	Brown Clay Sand No odor or Stain
Cell #20	15:20	N33°23'10.7" W103°50'22.7" @ 36" Below Lift.	Tan Brown Sand Mixed w/ White Caliche No odor or Stain
Cell #21	15:30	N33°23'11.8" W103°50'27.1" @ 36" Below Lift	Red Clayey Sand. No odor or Stain

Location GMI Landfarm Date 10/20/05

Project / Client 4th Qtr. Soil Sampling

NMOCD 711-11-0020 By: CMS Environmental

Cell #	Time	GPS Coordinates	Remarks
Cell #22	13:05	N33°23'9.9" W103°50'25.7" @ 36" Below lift.	Tan brown Clayey Sand No odor or Stain

Appendix 3
Lab Analysis Reports

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
155 McCutcheon, Suite H El Paso, Texas 79932 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Gandy Marley Inc.
Box 1658
Roswell, NM 88202

Report Date: October 13, 2005

Work Order: 5101020

Project Location: GMI Landfarm Chaves Co, NM
Project Name: GMI Landfarm
Project Number: 4th Qtr. Soil Sampling 2005

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
75379	Cell #1	soil	2005-10-07	09:25	2005-10-10
75380	Cell #2	soil	2005-10-07	09:45	2005-10-10
75381	Cell #3	soil	2005-10-07	09:50	2005-10-10
75382	Cell #4	soil	2005-10-07	10:05	2005-10-10
75383	Cell #5	soil	2005-10-07	10:45	2005-10-10
75384	Cell #6	soil	2005-10-07	11:03	2005-10-10
75385	Cell #7	soil	2005-10-07	11:13	2005-10-10
75386	Cell #8	soil	2005-10-07	11:26	2005-10-10
75387	Cell #9	soil	2005-10-07	11:38	2005-10-10
75388	Cell #10	soil	2005-10-07	11:44	2005-10-10
75389	Cell #11	soil	2005-10-07	11:56	2005-10-10
75390	Cell #12	soil	2005-10-07	12:02	2005-10-10
75391	Cell #13	soil	2005-10-07	12:11	2005-10-10
75392	Cell #14	soil	2005-10-07	12:18	2005-10-10
75393	Cell #15	soil	2005-10-07	12:28	2005-10-10
75394	Cell #16	soil	2005-10-07	12:36	2005-10-10
75395	Cell #17	soil	2005-10-07	12:48	2005-10-10
75396	Cell #18	soil	2005-10-07	15:10	2005-10-10
75397	Cell #19	soil	2005-10-07	12:57	2005-10-10
75398	Cell #20	soil	2005-10-07	15:20	2005-10-10
75399	Cell #21	soil	2005-10-07	15:30	2005-10-10
75400	Cell #22	soil	2005-10-07	13:05	2005-10-10

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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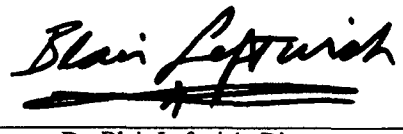

Dr. Blair Leftwich, Director

Analytical Report

Sample: 75379 - Cell #1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21869	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19196	Sample Preparation:	2005-10-10	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)		0.845	mg/Kg	10	0.100	84	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.842	mg/Kg	10	0.100	84	51.7 - 123

Sample: 75379 - Cell #1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

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

Sample: 75380 - Cell #2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21869	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19196	Sample Preparation:	2005-10-10	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)		0.801	mg/Kg	10	0.100	80	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.816	mg/Kg	10	0.100	82	51.7 - 123

Sample: 75380 - Cell #2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

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

Sample: 75381 - Cell #3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	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)		0.826	mg/Kg	10	0.100	83	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.860	mg/Kg	10	0.100	86	51.7 - 123

Sample: 75381 - Cell #3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

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

Sample: 75382 - Cell #4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	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)		0.780	mg/Kg	10	0.100	78	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.811	mg/Kg	10	0.100	81	51.7 - 123

Sample: 75382 - Cell #4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

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

Sample: 75383 - Cell #5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	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)		0.781	mg/Kg	10	0.100	78	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.837	mg/Kg	10	0.100	84	51.7 - 123

Sample: 75383 - Cell #5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

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

Sample: 75384 - Cell #6

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	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)		0.787	mg/Kg	10	0.100	79	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.808	mg/Kg	10	0.100	81	51.7 - 123

Sample: 75384 - Cell #6

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**238**	mg/Kg	1	10.0

Sample: 75385 - Cell #7

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	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)		0.797	mg/Kg	10	0.100	80	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.820	mg/Kg	10	0.100	82	51.7 - 123

Sample: 75385 - Cell #7

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

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

Sample: 75386 - Cell #8

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	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)		0.776	mg/Kg	10	0.100	78	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.800	mg/Kg	10	0.100	80	51.7 - 123

Sample: 75386 - Cell #8

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**45.2**	mg/Kg	1	10.0

Sample: 75387 - Cell #9

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	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)		0.801	mg/Kg	10	0.100	80	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.832	mg/Kg	10	0.100	83	51.7 - 123

Sample: 75387 - Cell #9

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

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

Sample: 75388 - Cell #10

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	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)		0.820	mg/Kg	10	0.100	82	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.836	mg/Kg	10	0.100	84	51.7 - 123

Sample: 75388 - Cell #10

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

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

Sample: 75389 - Cell #11

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	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)		0.782	mg/Kg	10	0.100	78	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.789	mg/Kg	10	0.100	79	51.7 - 123

Sample: 75389 - Cell #11

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

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

Sample: 75390 - Cell #12

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	Prepared By:	KB

Parameter	Flag	Result	RL	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)		0.782	mg/Kg	10	0.100	78	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.794	mg/Kg	10	0.100	79	51.7 - 123

Sample: 75390 - Cell #12

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

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

Sample: 75391 - Cell #13

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	Prepared By:	KB

Parameter	Flag	Result	RL	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)		0.798	mg/Kg	10	0.100	80	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.822	mg/Kg	10	0.100	82	51.7 - 123

Sample: 75391 - Cell #13

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

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

Sample: 75392 - Cell #14

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	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)		0.817	mg/Kg	10	0.100	82	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.884	mg/Kg	10	0.100	88	51.7 - 123

Sample: 75392 - Cell #14

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

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

Sample: 75393 - Cell #15

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	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)		0.766	mg/Kg	10	0.100	77	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.815	mg/Kg	10	0.100	81	51.7 - 123

Sample: 75393 - Cell #15

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	21905	Date Analyzed:	2005-10-11	Analyzed By:	RS
Prep Batch:	19225	Sample Preparation:	2005-10-11	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**133**	mg/Kg	5	1.00

Sample: 75393 - Cell #15

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**81.2**	mg/Kg	1	10.0

Sample: 75394 - Cell #16

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	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)		0.756	mg/Kg	10	0.100	76	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.808	mg/Kg	10	0.100	81	51.7 - 123

Sample: 75394 - Cell #16

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

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

Sample: 75395 - Cell #17

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	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)		0.752	mg/Kg	10	0.100	75	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.779	mg/Kg	10	0.100	78	51.7 - 123

Sample: 75395 - Cell #17

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

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

Sample: 75396 - Cell #18

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	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)		0.781	mg/Kg	10	0.100	78	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.817	mg/Kg	10	0.100	82	51.7 - 123

Sample: 75396 - Cell #18

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	21905	Date Analyzed:	2005-10-11	Analyzed By:	RS
Prep Batch:	19225	Sample Preparation:	2005-10-11	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**140**	mg/Kg	5	1.00

Sample: 75396 - Cell #18

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

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

Sample: 75397 - Cell #19

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	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)		0.738	mg/Kg	10	0.100	74	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.768	mg/Kg	10	0.100	77	51.7 - 123

Sample: 75397 - Cell #19

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

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

Sample: 75398 - Cell #20

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	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)		0.748	mg/Kg	10	0.100	75	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.782	mg/Kg	10	0.100	78	51.7 - 123

Sample: 75398 - Cell #20

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	21905	Date Analyzed:	2005-10-11	Analyzed By:	RS
Prep Batch:	19225	Sample Preparation:	2005-10-11	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**1110**	mg/Kg	100	1.00

Sample: 75398 - Cell #20

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**350**	mg/Kg	1	10.0

Sample: 75399 - Cell #21

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	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)		0.747	mg/Kg	10	0.100	75	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.791	mg/Kg	10	0.100	79	51.7 - 123

Sample: 75399 - Cell #21

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	21905	Date Analyzed:	2005-10-11	Analyzed By:	RS
Prep Batch:	19225	Sample Preparation:	2005-10-11	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**71.8**	mg/Kg	5	1.00

Sample: 75399 - Cell #21

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

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

Sample: 75400 - Cell #22

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	21870	Date Analyzed:	2005-10-10	Analyzed By:	KB
Prep Batch:	19197	Sample Preparation:	2005-10-10	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)		0.799	mg/Kg	10	0.100	80	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.836	mg/Kg	10	0.100	84	51.7 - 123

Sample: 75400 - Cell #22

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	21905	Date Analyzed:	2005-10-11	Analyzed By:	RS
Prep Batch:	19225	Sample Preparation:	2005-10-11	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**648**	mg/Kg	50	1.00

Sample: 75400 - Cell #22

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	21951	Date Analyzed:	2005-10-13	Analyzed By:	JL
Prep Batch:	19267	Sample Preparation:	2005-10-13	Prepared By:	JL

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

Method Blank (1) QC Batch: 21869

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00153	mg/Kg	0.001
Toluene		<0.000954	mg/Kg	0.001
Ethylbenzene		<0.000954	mg/Kg	0.001
Xylene		<0.00300	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.868	mg/Kg	10	0.100	87	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.780	mg/Kg	10	0.100	78	51.7 - 123

Method Blank (1) QC Batch: 21870

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00153	mg/Kg	0.001
Toluene		<0.000954	mg/Kg	0.001
Ethylbenzene		<0.000954	mg/Kg	0.001
Xylene		<0.00300	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.732	mg/Kg	10	0.100	73	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.660	mg/Kg	10	0.100	66	51.7 - 123

Matrix Blank (1) QC Batch: 21905

Parameter	Flag	MDL Result	Units	RL
Chloride		1.14	mg/Kg	1

Method Blank (1) QC Batch: 21951

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

Method Blank (2) QC Batch: 21951

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

Laboratory Control Spike (LCS-1) QC Batch: 21869

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.955	0.958	mg/Kg	10	0.100	<0.0153	96	0	71.9 - 117	20
Toluene	0.935	0.945	mg/Kg	10	0.100	<0.00954	93	1	74.1 - 115	20
Ethylbenzene	0.906	0.918	mg/Kg	10	0.100	<0.00954	91	1	77.8 - 115	20
Xylene	2.78	2.82	mg/Kg	10	0.300	<0.0300	93	1	80.6 - 119	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)	0.878	0.885	mg/Kg	10	0.100	88	88	60.7 - 130
4-Bromofluorobenzene (4-BFB)	0.936	0.938	mg/Kg	10	0.100	94	94	75.3 - 114

Laboratory Control Spike (LCS-1) QC Batch: 21870

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.878	0.863	mg/Kg	10	0.100	<0.0153	88	2	71.9 - 117	20
Toluene	0.872	0.862	mg/Kg	10	0.100	<0.00954	87	1	74.1 - 115	20
Ethylbenzene	0.861	0.850	mg/Kg	10	0.100	<0.00954	86	1	77.8 - 115	20
Xylene	2.65	2.60	mg/Kg	10	0.300	<0.0300	88	2	80.6 - 119	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)	0.751	0.742	mg/Kg	10	0.100	75	74	60.7 - 130

continued ...

control spikes continued ...

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
4-Bromofluorobenzene (4-BFB)	0.850	0.840	mg/Kg	10	0.100	85	84	75.3 - 114

Laboratory Control Spike (LCS-1) QC Batch: 21905

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	13.4	13.6	mg/Kg	1	12.5	1.14	98	2	90 - 110	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: 21951

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	248	249	mg/Kg	1	250	<5.91	99	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-2) QC Batch: 21951

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	260	261	mg/Kg	1	250	<5.91	104	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: 21869 Spiked Sample: 75379

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.995	0.883	mg/Kg	10	0.100	<0.0153	100	12	45.5 - 124	20
Toluene	1.02	0.914	mg/Kg	10	0.100	<0.00954	102	11	50.2 - 119	20
Ethylbenzene	1.04	0.929	mg/Kg	10	0.100	<0.00954	104	11	51.9 - 115	20
Xylene	3.15	2.83	mg/Kg	10	0.300	<0.0300	105	11	49.2 - 125	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)	0.872	0.863	mg/Kg	10	0.1	87	86	47.1 - 124
4-Bromofluorobenzene (4-BFB)	0.915	0.939	mg/Kg	10	0.1	92	94	51.7 - 123

Matrix Spike (MS-1) QC Batch: 21870 Spiked Sample: 75400

continued ...

matrix spikes continued ...

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.884	0.942	mg/Kg	10	0.100	<0.0153	88	6	45.5 - 124	20
Toluene	0.925	0.982	mg/Kg	10	0.100	<0.00954	92	6	50.2 - 119	20
Ethylbenzene	0.942	1.00	mg/Kg	10	0.100	<0.00954	94	6	51.9 - 115	20
Xylene	2.89	3.08	mg/Kg	10	0.300	<0.0300	96	6	49.2 - 125	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)	0.789	0.786	mg/Kg	10	0.1	79	79	47.1 - 124
4-Bromofluorobenzene (4-BFB)	0.880	0.873	mg/Kg	10	0.1	88	87	51.7 - 123

Matrix Spike (MS-1) QC Batch: 21905 Spiked Sample: 75400

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	1310	1310	mg/Kg	50	12.5	648	106	0	81.5 - 115	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: 21951 Spiked Sample: 75387

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	244	244	mg/Kg	1	250	<5.91	98	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-2) QC Batch: 21951 Spiked Sample: 75400

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	231	233	mg/Kg	1	250	<5.91	92	1	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: 21869

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.102	102	85 - 115	2005-10-10
Toluene		mg/Kg	0.100	0.0998	100	85 - 115	2005-10-10
Ethylbenzene		mg/Kg	0.100	0.101	101	85 - 115	2005-10-10
Xylene		mg/Kg	0.300	0.303	101	85 - 115	2005-10-10

Standard (CCV-1) QC Batch: 21869

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0898	90	85 - 115	2005-10-10
Toluene		mg/Kg	0.100	0.0898	90	85 - 115	2005-10-10
Ethylbenzene		mg/Kg	0.100	0.0893	89	85 - 115	2005-10-10
Xylene		mg/Kg	0.300	0.273	91	85 - 115	2005-10-10

Standard (ICV-1) QC Batch: 21870

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0885	88	85 - 115	2005-10-10
Toluene		mg/Kg	0.100	0.0884	88	85 - 115	2005-10-10
Ethylbenzene		mg/Kg	0.100	0.0871	87	85 - 115	2005-10-10
Xylene		mg/Kg	0.300	0.267	89	85 - 115	2005-10-10

Standard (CCV-1) QC Batch: 21870

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0868	87	85 - 115	2005-10-10
Toluene		mg/Kg	0.100	0.0868	87	85 - 115	2005-10-10
Ethylbenzene		mg/Kg	0.100	0.0859	86	85 - 115	2005-10-10
Xylene		mg/Kg	0.300	0.264	88	85 - 115	2005-10-10

Standard (ICV-1) QC Batch: 21905

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.7	102	90 - 110	2005-10-11

Standard (CCV-1) QC Batch: 21905

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.5	100	90 - 110	2005-10-11

Standard (ICV-1) QC Batch: 21951

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	2005-10-13

Standard (CCV-1) QC Batch: 21951

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	105	105	80 - 120	2005-10-13

Standard (CCV-2) QC Batch: 21951

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	2005-10-13

Standard (ICV-2) QC Batch: 21951

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	97.6	98	80 - 120	2005-10-13

Standard (CCV-3) QC Batch: 21951

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	96.5	96	80 - 120	2005-10-13

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5101020

Company Name: Cody Marley Inc. Phone #: 505-347-0434
Address: (Street, City, Zip) PO Box 1658 Roswell NM 88202 Fax #: 505-347-0435
e-mail: gjody2@leaco.net
Contact Person: Mike Marley or Larry Cody
Invoice to: (If different from above)
Project #: 4th Qtr. 2005 Soil Sampling Project Name: GMI Landfarm
Project Location: GMI Landfarm Chaves Co NM Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content	C7		Turn Around Time if different from standard	Hold
75390	Cell #12	2	4oz		X								X	10/10/05	1202		X	X																	
91	Cell #13														1211																				
92	Cell #14														1219																				
93	Cell #15														1228																	X			
94	Cell #16														1236																				
95	Cell #17														1246																				
96	Cell #18														1510																	X			
97	Cell #19														1257																				
98	Cell #20														1520																	X			
99	Cell #21														1532																	X			
75400	Cell #22														1305																	X			

Relinquished by: Date: Time: Received by: Date: Time:
10/09/05 14:15
Relinquished by: Date: Time: Received by: Date: Time:
Relinquished by: Date: Time: Received at Laboratory by: Date: Time:
10.10.05 10:20

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

ORIGINAL COPY

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB USE ONLY

Intact Y / N
Headspace Y / N
Temp 4 °
Log-In Review DP

REMARKS: Send Copy of Results ASAP To Cmbenvironmental@

- [ ] Dry Weight Basis Required
- [ ] TRRP Report Required
- [ ] Check If Special Reporting Limits Are Needed

Carrier # FedEx 168529 2576

Report Date: October 13, 2005
4th Qtr. Soil Sampling 2005

Work Order: 5101020
GMI Landfarm

Page Number: 22 of 23
GMI Landfarm Chaves Co, NM

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5101020

Company Name: Gandy Marley Inc.
Phone #: 505-347-0434
Address: (Street, City, Zip) P.O. Box 1658 Roswell, NM 88202
Fax #: 505-347-0435
e-mail: gandy2@leaco.net
Contact Person: Mike Madey or Larry Gandy.
Invoice to: (If different from above)
Project #: 4th Qtr. 2005 Soil Sampling
Project Name: GMI Landfarm
Project Location: GMI Landfarm Chaves Co. NM
Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
75379	Cell #1	2	4oz		X								X	10/6/05	0915
80	Cell #2														0945
81	Cell #3														0958
82	Cell #4														1005
83	Cell #5														1045
84	Cell #6														1103
85	Cell #7														1118
86	Cell #8														1126
87	Cell #9														1138
88	Cell #10														1144
89	Cell #11														1156

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content				Turn Around Time if different from standard	Hold
	X	X																			

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	10/6/05	1415			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
				10-10-05	10:20

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

ORIGINAL COPY

LAB USE ONLY

Intact (Y / N)
Headspace Y / N
Temp 4 °
Log-in Review

REMARKS: Send Copy of Results ASAP to Cobenvirodfn.com

- ☐ Dry Weight Basis Required
- ☐ TRRP Report Required
- ☐ Check If Special Reporting Limits Are Needed

Cell 20, 18, 21, 22, 15 (for Cl)

Carrier # Bus 168 529 257 6

August 26, 2005

RECEIVED
AUG 29 2005
OIL CONSERVATION DIVISION

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 2005
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-711-1-0020)

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 PTB 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-711-1-0020**

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

6. Author/consulting company:
   Clayton M. Barnhill, PG, CMB Environmental & Geological Services, Inc.

7. Date of report: **August 26, 2005**

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. 12/31/05

Date: 08/26/2005

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-711-1-0020 (Gandy Marley Inc., 1995 approved by the New Mexico Energy, Minerals, & Natural Resources Department Oil Conservation Division (NMOCD) Environmental Bureau on January 27, 1995.

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-711-1-0020. The commercial landfarm is being managed in accordance with the NMOCD approved Commercial Landfarm Permit NM-711-1-0020. 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 2005 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, and Chloride in cells 15, 18, 20, 21 & 22 (cells in which chloride contaminated soils had been placed), 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-711-1-0020.

The soil sampling and monitor well 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.

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

B. Quarter Highlights

Third quarter 2005 sampling / monitoring was performed on August 09, 10, 11, &16, 2005. This quarter's monitoring activities include the following:

- Collection of 5 separate 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, and Chloride (cells 15, 18, 20, 21 & 22).

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. 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 <0.0200 PPM BTEX, and acceptable TPH concentrations (<60 PPM TPH). Chlorides concentrations are below 250 PPM in all cells with the exception of Cell #'s 15, 18, & 20. Cells, 15 18, 20, and 21 are cells which previously accepted salt contaminated soils (cell 15) and drilling muds produced from oil and gas activities in northern Lea and Chaves counties, New Mexico(cells 18, 20, 21, 22). Drilling mud is a RCRA Exempt waste, but is normally high in chloride concentrations. 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.

Cell # 15 had a minimum chloride soil sample concentration of 9.78 PPM and a maximum chloride soil concentration of 671 PPM with an average soil chloride concentration of 276 PPM from the five soil samples collected and analyzed in the cell.

Cell # 18 had a minimum chloride soil sample concentration of 13.1 PPM and a maximum chloride soil concentration of 929 PPM with an average soil chloride concentration of 456 PPM from the five soil samples collected and analyzed in the cell.

Cell # 20 had a minimum chloride soil sample concentration of 111 PPM and a maximum chloride soil concentration of 999 PPM with an average soil chloride concentration of 497 PPM from the five soil samples collected and analyzed in the cell.

Cell # 21 had a minimum chloride soil sample concentration of 10.4 PPM and a maximum chloride soil concentration of 120 PPM with an average soil chloride concentration of 49 PPM from the five soil samples collected and analyzed in the cell.

Cell # 22 had a minimum chloride soil sample concentration of 9.5 PPM and a maximum chloride soil concentration of 20.8 PPM with an average soil chloride concentration of 15 PPM from the five soil samples collected and analyzed in the cell.

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 < 0.02 PPM, and TPH Concentrations < 60 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:

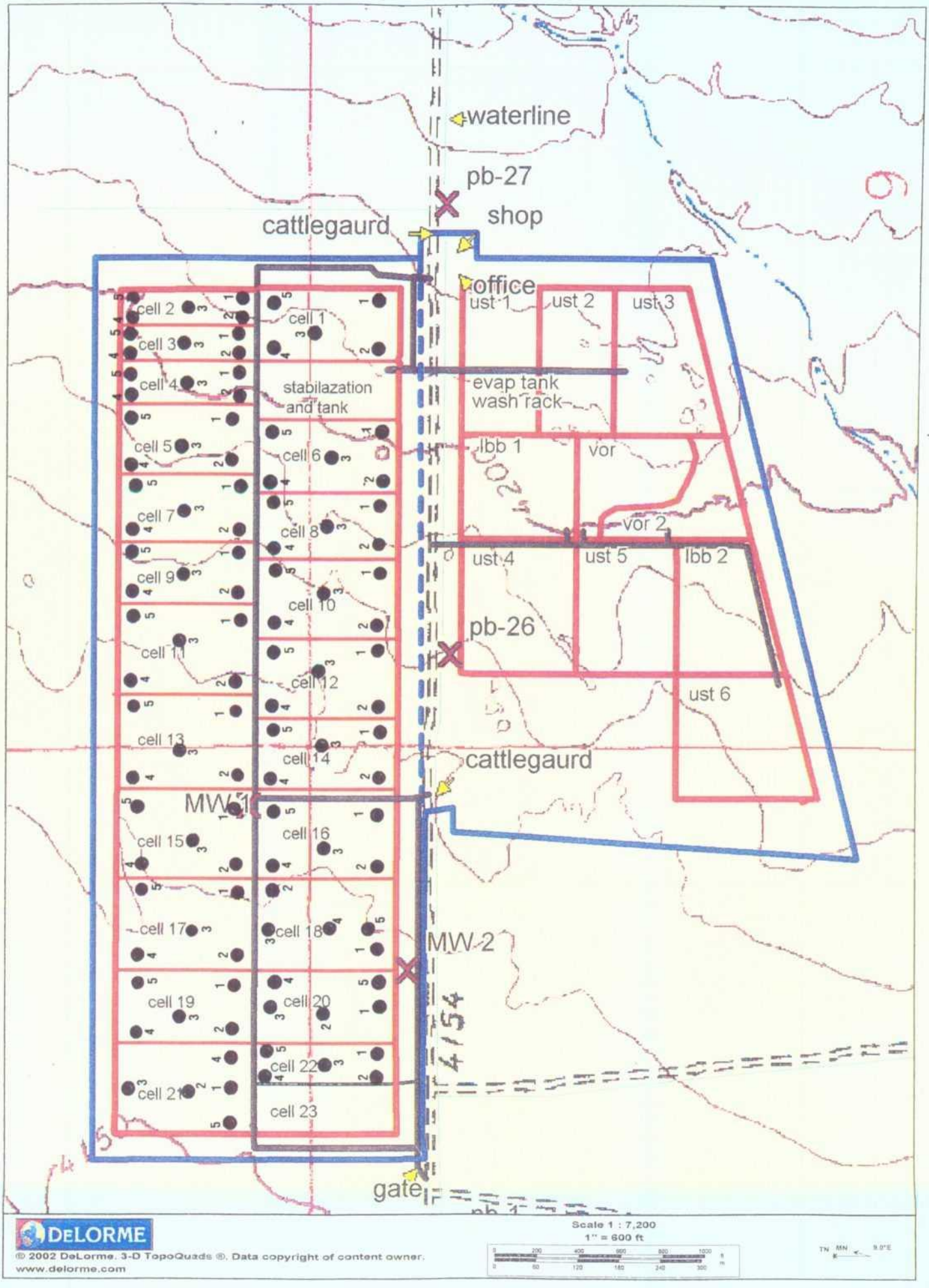
waterline
pb-27
shop
cattlegaurd
office
ust 1
ust 2
ust 3
evap tank
wash rack
lbb 1
vor
vor 2
ust 4
ust 5
lbb 2
pb-26
ust 6
cattlegaurd
MW-1
MW-2
gate
stabilazation
and tank
cell 1
cell 2
cell 3
cell 4
cell 5
cell 6
cell 7
cell 8
cell 9
cell 10
cell 11
cell 12
cell 13
cell 14
cell 15
cell 16
cell 17
cell 18
cell 19
cell 20
cell 21
cell 22
cell 23
4154
Gandy-Marley Landfarm
Third Quarter 2005 Soil Sampling
1 = Sample Location in Cell & Sample Number (5 samples per cell)
DeLORME
© 2002 DeLorme. 3-D TopoQuads ®. Data copyright of content owner.
www.delorme.com
Scale 1 : 7,200
1" = 600 ft

Table 1:

Summary Report

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

Report Date: August 16, 2005

Work Order: 5081214

Project Location: Sec 8,Sec 9,Sec 5,Sec 9,/Chaves ,NM
Project Name: GMI Landfarm
Project Number: 3rd Quarter Soil Sampling 2005

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
70628	Cell 20 Sample 1	soil	2005-08-09	13:40	2005-08-12
70629	Cell 20 Sample 2	soil	2005-08-09	14:00	2005-08-12
70630	Cell 20 Sample 3	soil	2005-08-09	14:20	2005-08-12
70631	Cell 20 Sample 4	soil	2005-08-09	14:45	2005-08-12
70632	Cell 20 Sample 5	soil	2005-08-09	15:00	2005-08-12
70633	Cell 17 Sample 1	soil	2005-08-09	09:45	2005-08-12
70634	Cell 17 Sample 2	soil	2005-08-09	10:00	2005-08-12
70635	Cell 17 Sample 3	soil	2005-08-09	10:20	2005-08-12
70636	Cell 17 Sample 4	soil	2005-08-09	10:40	2005-08-12
70637	Cell 17 Sample 5	soil	2005-08-09	11:10	2005-08-12
70638	Cell 18 Sample 1	soil	2005-08-09	11:50	2005-08-12
70639	Cell 18 Sample 2	soil	2005-08-09	12:15	2005-08-12
70640	Cell 18 Sample 3	soil	2005-08-09	12:35	2005-08-12
70641	Cell 18 Sample 4	soil	2005-08-09	13:00	2005-08-12
70642	Cell 18 Sample 5	soil	2005-08-09	13:15	2005-08-12
70643	Cell 19 Sample 1	soil	2005-08-10	10:47	2005-08-12
70644	Cell 19 Sample 2	soil	2005-08-10	11:02	2005-08-12
70645	Cell 19 Sample 3	soil	2005-08-10	11:10	2005-08-12
70646	Cell 19 Sample 4	soil	2005-08-10	11:20	2005-08-12
70647	Cell 19 Sample 5	soil	2005-08-10	11:30	2005-08-12
70648	Cell 22 Sample 1	soil	2005-08-10	12:53	2005-08-12
70649	Cell 22 Sample 2	soil	2005-08-10	13:00	2005-08-12
70650	Cell 22 Sample 3	soil	2005-08-10	13:25	2005-08-12
70651	Cell 22 Sample 4	soil	2005-08-10	13:32	2005-08-12
70652	Cell 22 Sample 5	soil	2005-08-10	13:40	2005-08-12
70653	Cell 21 Sample 1	soil	2005-08-10	11:50	2005-08-12
70654	Cell 21 Sample 2	soil	2005-08-10	12:00	2005-08-12
70655	Cell 21 Sample 3	soil	2005-08-10	12:16	2005-08-12
70656	Cell 21 Sample 4	soil	2005-08-10	12:30	2005-08-12
70657	Cell 21 Sample 5	soil	2005-08-10	12:40	2005-08-12
70658	Cell 16 Sample 1	soil	2005-08-10	14:12	2005-08-12
70659	Cell 16 Sample 2	soil	2005-08-10	14:20	2005-08-12
70660	Cell 16 Sample 3	soil	2005-08-10	14:30	2005-08-12
70661	Cell 16 Sample 4	soil	2005-08-10	14:37	2005-08-12
70662	Cell 16 Sample 5	soil	2005-08-10	14:45	2005-08-12
70663	Cell 15 Sample 1	soil	2005-08-10	14:55	2005-08-12
70664	Cell 15 Sample 2	soil	2005-08-10	15:02	2005-08-12

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
70665	Cell 15 Sample 3	soil	2005-08-10	15:12	2005-08-12
70666	Cell 15 Sample 4	soil	2005-08-10	15:20	2005-08-12
70667	Cell 15 Sample 5	soil	2005-08-10	15:32	2005-08-12
70668	Cell 14 Sample 1	soil	2005-08-10	15:45	2005-08-12
70669	Cell 14 Sample 2	soil	2005-08-10	15:55	2005-08-12
70670	Cell 14 Sample 3	soil	2005-08-10	16:05	2005-08-12
70671	Cell 14 Sample 4	soil	2005-08-10	16:14	2005-08-12
70672	Cell 14 Sample 5	soil	2005-08-10	16:20	2005-08-12

	BTEX				MTBE	TPH 418.1
Sample - Field Code	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	TRPHC (mg/Kg)
70628 - Cell 20 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70629 - Cell 20 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		**20.9**
70630 - Cell 20 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70631 - Cell 20 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70632 - Cell 20 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		**59.4**
70633 - Cell 17 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		**23.7**
70634 - Cell 17 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		**30.9**
70635 - Cell 17 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		**46.3**
70636 - Cell 17 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		**37.3**
70637 - Cell 17 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		**29.9**
70638 - Cell 18 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		**20.1**
70639 - Cell 18 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		**23.3**
70640 - Cell 18 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		**24.4**
70641 - Cell 18 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		**24.3**
70642 - Cell 18 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		**28.6**
70643 - Cell 19 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		**30.8**
70644 - Cell 19 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		**37.6**
70645 - Cell 19 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		**44.2**
70646 - Cell 19 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70647 - Cell 19 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70648 - Cell 22 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70649 - Cell 22 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70650 - Cell 22 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70651 - Cell 22 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70652 - Cell 22 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70653 - Cell 21 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70654 - Cell 21 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
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70656 - Cell 21 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70657 - Cell 21 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70658 - Cell 16 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70659 - Cell 16 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70660 - Cell 16 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70661 - Cell 16 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70662 - Cell 16 Sample 5	<0.0100	<0.0100	<0.0100	**0.0114**		<10.0
70663 - Cell 15 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70664 - Cell 15 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70665 - Cell 15 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70666 - Cell 15 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70667 - Cell 15 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70668 - Cell 14 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70669 - Cell 14 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70670 - Cell 14 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70671 - Cell 14 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70672 - Cell 14 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0

Sample: 70628 - Cell 20 Sample 1

Param	Flag	Result	Units	RL
Chloride		**111**	mg/Kg	1.00

Sample: 70629 - Cell 20 Sample 2

Param	Flag	Result	Units	RL
Chloride		**580**	mg/Kg	1.00

Sample: 70630 - Cell 20 Sample 3

Param	Flag	Result	Units	RL
Chloride		**130**	mg/Kg	1.00

Sample: 70631 - Cell 20 Sample 4

Param	Flag	Result	Units	RL
Chloride		**999**	mg/Kg	1.00

Sample: 70632 - Cell 20 Sample 5

Param	Flag	Result	Units	RL
Chloride		**663**	mg/Kg	1.00

Sample: 70638 - Cell 18 Sample 1

Param	Flag	Result	Units	RL
Chloride		**13.1**	mg/Kg	1.00

Sample: 70639 - Cell 18 Sample 2

Param	Flag	Result	Units	RL
Chloride		**70.1**	mg/Kg	1.00

Sample: 70640 - Cell 18 Sample 3

Param	Flag	Result	Units	RL
Chloride		**824**	mg/Kg	1.00

Sample: 70641 - Cell 18 Sample 4

Param	Flag	Result	Units	RL
Chloride		**446**	mg/Kg	1.00

Sample: 70642 - Cell 18 Sample 5

Param	Flag	Result	Units	RL
Chloride		**929**	mg/Kg	1.00

Sample: 70648 - Cell 22 Sample 1

Param	Flag	Result	Units	RL
Chloride		**9.50**	mg/Kg	1.00

Sample: 70649 - Cell 22 Sample 2

Param	Flag	Result	Units	RL
Chloride		**14.0**	mg/Kg	1.00

Sample: 70650 - Cell 22 Sample 3

Param	Flag	Result	Units	RL
Chloride		**12.4**	mg/Kg	1.00

Sample: 70651 - Cell 22 Sample 4

Param	Flag	Result	Units	RL
Chloride		**16.1**	mg/Kg	1.00

Sample: 70652 - Cell 22 Sample 5

Param	Flag	Result	Units	RL
Chloride		**20.8**	mg/Kg	1.00

Sample: 70653 - Cell 21 Sample 1

Param	Flag	Result	Units	RL
Chloride		**10.4**	mg/Kg	1.00

Sample: 70654 - Cell 21 Sample 2

Param	Flag	Result	Units	RL
Chloride		**120**	mg/Kg	1.00

Sample: 70655 - Cell 21 Sample 3

Param	Flag	Result	Units	RL
Chloride		**54.8**	mg/Kg	1.00

Sample: 70656 - Cell 21 Sample 4

Param	Flag	Result	Units	RL
Chloride		**27.3**	mg/Kg	1.00

Sample: 70657 - Cell 21 Sample 5

Param	Flag	Result	Units	RL
Chloride		**33.9**	mg/Kg	1.00

Sample: 70663 - Cell 15 Sample 1

Param	Flag	Result	Units	RL
Chloride		**9.78**	mg/Kg	1.00

Sample: 70664 - Cell 15 Sample 2

Param	Flag	Result	Units	RL
Chloride		**20.9**	mg/Kg	1.00

Sample: 70665 - Cell 15 Sample 3

Param	Flag	Result	Units	RL
Chloride		**643**	mg/Kg	1.00

Sample: 70666 - Cell 15 Sample 4

Param	Flag	Result	Units	RL
Chloride		**671**	mg/Kg	1.00

Sample: 70667 - Cell 15 Sample 5

Param	Flag	Result	Units	RL
Chloride		**35.9**	mg/Kg	1.00

Summary Report

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

Report Date: August 18, 2005

Work Order: 5081625

Project Location: GMI Landfarm,Chaves Co.,NM
Project Name: GMI Landfarm
Project Number: 3rd Quarter Soil Sampling 2005

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
70938	Cell 13 Sample 1	soil	2005-08-11	10:45	2005-08-16
70939	Cell 13 Sample 2	soil	2005-08-11	11:02	2005-08-16
70940	Cell 13 Sample 3	soil	2005-08-11	11:12	2005-08-16
70941	Cell 13 Sample 4	soil	2005-08-11	11:23	2005-08-16
70942	Cell 13 Sample 5	soil	2005-08-11	11:38	2005-08-16
70943	Cell 12 Sample 1	soil	2005-08-11	11:59	2005-08-16
70944	Cell 12 Sample 2	soil	2005-08-11	12:08	2005-08-16
70945	Cell 12 Sample 3	soil	2005-08-11	12:18	2005-08-16
70946	Cell 12 Sample 4	soil	2005-08-11	12:28	2005-08-16
70947	Cell 12 Sample 5	soil	2005-08-11	12:36	2005-08-16
70948	Cell 11 Sample 1	soil	2005-08-11	13:30	2005-08-16
70949	Cell 11 Sample 2	soil	2005-08-11	13:38	2005-08-16
70950	Cell 11 Sample 3	soil	2005-08-11	13:49	2005-08-16
70951	Cell 11 Sample 4	soil	2005-08-11	14:00	2005-08-16
70952	Cell 11 Sample 5	soil	2005-08-11	14:10	2005-08-16
70953	Cell 10 Sample 1	soil	2005-08-11	14:25	2005-08-16
70954	Cell 10 Sample 2	soil	2005-08-11	14:34	2005-08-16
70955	Cell 10 Sample 3	soil	2005-08-11	14:44	2005-08-16
70956	Cell 10 Sample 4	soil	2005-08-11	14:52	2005-08-16
70957	Cell 10 Sample 5	soil	2005-08-11	15:02	2005-08-16
70958	Cell 9 Sample 1	soil	2005-08-11	15:47	2005-08-16
70959	Cell 9 Sample 2	soil	2005-08-11	15:56	2005-08-16
70960	Cell 9 Sample 3	soil	2005-08-11	16:02	2005-08-16
70961	Cell 9 Sample 4	soil	2005-08-11	16:12	2005-08-16
70962	Cell 9 Sample 5	soil	2005-08-11	16:18	2005-08-16
70963	Cell 8 Sample 1	soil	2005-08-12	11:29	2005-08-16
70964	Cell 8 Sample 2	soil	2005-08-12	11:37	2005-08-16
70965	Cell 8 Sample 3	soil	2005-08-12	11:44	2005-08-16
70966	Cell 8 Sample 4	soil	2005-08-12	11:52	2005-08-16
70967	Cell 8 Sample 5	soil	2005-08-12	11:57	2005-08-16
70968	Cell 7 Sample 1	soil	2005-08-12	12:10	2005-08-16
70969	Cell 7 Sample 2	soil	2005-08-12	12:16	2005-08-16
70970	Cell 7 Sample 3	soil	2005-08-12	12:13	2005-08-16
70971	Cell 7 Sample 4	soil	2005-08-12	12:29	2005-08-16
70972	Cell 7 Sample 5	soil	2005-08-12	12:35	2005-08-16
70973	Cell 6 Sample 1	soil	2005-08-12	00:00	2005-08-16
70974	Cell 6 Sample 2	soil	2005-08-12	00:00	2005-08-16

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
70975	Cell 6 Sample 3	soil	2005-08-12	00:00	2005-08-16
70976	Cell 6 Sample 4	soil	2005-08-12	00:00	2005-08-16
70977	Cell 6 Sample 5	soil	2005-08-12	00:00	2005-08-16
70978	Cell 5 Sample 1	soil	2005-08-12	13:19	2005-08-16
70979	Cell 5 Sample 2	soil	2005-08-12	13:24	2005-08-16
70980	Cell 5 Sample 3	soil	2005-08-12	13:30	2005-08-16
70981	Cell 5 Sample 4	soil	2005-08-12	13:37	2005-08-16
70982	Cell 5 Sample 5	soil	2005-08-12	13:43	2005-08-16
70983	Cell 4 Sample 1	soil	2005-08-12	13:56	2005-08-16
70984	Cell 4 Sample 2	soil	2005-08-12	14:01	2005-08-16
70985	Cell 4 Sample 3	soil	2005-08-12	14:07	2005-08-16
70986	Cell 4 Sample 4	soil	2005-08-12	14:13	2005-08-16
70987	Cell 4 Sample 5	soil	2005-08-12	14:19	2005-08-16

	BTEX				MTBE	TPH 418.1
Sample - Field Code	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	TRPHC (mg/Kg)
70938 - Cell 13 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70939 - Cell 13 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70940 - Cell 13 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70941 - Cell 13 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70942 - Cell 13 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70943 - Cell 12 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70944 - Cell 12 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70945 - Cell 12 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70946 - Cell 12 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70947 - Cell 12 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70948 - Cell 11 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70949 - Cell 11 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70950 - Cell 11 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70951 - Cell 11 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70952 - Cell 11 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70953 - Cell 10 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70954 - Cell 10 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70955 - Cell 10 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70956 - Cell 10 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70957 - Cell 10 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70958 - Cell 9 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70959 - Cell 9 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70960 - Cell 9 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70961 - Cell 9 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70962 - Cell 9 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70963 - Cell 8 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70964 - Cell 8 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70965 - Cell 8 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70966 - Cell 8 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70967 - Cell 8 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70968 - Cell 7 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70969 - Cell 7 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70970 - Cell 7 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70971 - Cell 7 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70972 - Cell 7 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70973 - Cell 6 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70974 - Cell 6 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70975 - Cell 6 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70976 - Cell 6 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70977 - Cell 6 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0

continued ...

... continued

	BTEX				MTBE	TPH 418.1
Sample - Field Code	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	TRPHC (mg/Kg)
70978 - Cell 5 Sample 1	<0.0100	<0.0100	<0.0100	**0.0252**		<10.0
70979 - Cell 5 Sample 2	<0.0100	<0.0100	<0.0100	**0.0152**		<10.0
70980 - Cell 5 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70981 - Cell 5 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70982 - Cell 5 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70983 - Cell 4 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70984 - Cell 4 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70985 - Cell 4 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70986 - Cell 4 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
70987 - Cell 4 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0

Summary Report

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

Report Date: August 24, 2005

Work Order: 5081923

Project Location: GMI Landfarm,Chaves Co.,NM
Project Name: GMI Landfarm
Project Number: 3rd Quarter Soil Sampling 2005

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
71336	Cell 3 Sample 1	soil	2005-08-16	11:23	2005-08-19
71337	Cell 3 Sample 2	soil	2005-08-16	11:28	2005-08-19
71338	Cell 3 Sample 3	soil	2005-08-16	11:35	2005-08-19
71339	Cell 3 Sample 4	soil	2005-08-16	11:44	2005-08-19
71340	Cell 3 Sample 5	soil	2005-08-16	11:50	2005-08-19
71341	Cell 2 Sample 1	soil	2005-08-16	11:59	2005-08-19
71342	Cell 2 Sample 2	soil	2005-08-16	12:06	2005-08-19
71343	Cell 2 Sample 3	soil	2005-08-16	12:12	2005-08-19
71344	Cell 2 Sample 4	soil	2005-08-16	12:18	2005-08-19
71345	Cell 2 Sample 5	soil	2005-08-16	12:25	2005-08-19
71346	Cell 1 Sample 1	soil	2005-08-16	12:45	2005-08-19
71347	Cell 1 Sample 2	soil	2005-08-16	12:53	2005-08-19
71348	Cell 1 Sample 3	soil	2005-08-16	12:59	2005-08-19
71349	Cell 1 Sample 4	soil	2005-08-16	13:07	2005-08-19
71350	Cell 1 Sample 5	soil	2005-08-16	13:14	2005-08-19

	BTEX				MTBE	TPH 418.1
Sample - Field Code	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	TRPHC (mg/Kg)
71336 - Cell 3 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
71337 - Cell 3 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
71338 - Cell 3 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
71339 - Cell 3 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
71340 - Cell 3 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
71341 - Cell 2 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
71342 - Cell 2 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
71343 - Cell 2 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
71344 - Cell 2 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
71345 - Cell 2 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
71346 - Cell 1 Sample 1	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
71347 - Cell 1 Sample 2	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
71348 - Cell 1 Sample 3	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
71349 - Cell 1 Sample 4	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
71350 - Cell 1 Sample 5	<0.0100	<0.0100	<0.0100	<0.0100		<10.0

Appendix 1
Sampling Protocol

Appendix 1
Sampling Protocol

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

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

Samples analyzed for TPH 418.1, BTEX 8021, and Chloride (in cells that had taken chloride contaminated soils). 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 Land farm Date 08/08/05

Project / Client 3rd Quarter Soil Sampling

~~NMOCD DP-1044~~ By: CMB Environmental

NMOCD NM-111-11-0020 & Geological Sciences Inc

Page 1 of 43 By: CMB

Cell #20: JPEG 1 PHOTO

Sample #1: GPS Coordinates: (NE ~~Corner of Cell~~) South 10" PVC pipe

N: 33° 23' ~~09.8~~" 06.7"

W: 103° 50' ~~21.8~~" 22.7"

Brown Clayey Sand with white Caliche nodules. Sampled 08/09/05 @ 13:40 hours. No odor or stain, 2x4oz/6/Jars/None For TPH 418.1 BTEX 8021, CL Sampled @ 36" Below Cell Lift

Sample #2: ~~SE Corner of Cell~~ Center 10" PVC Pipe

N: 33° 23' ~~06.8~~" 08.4"

W: 103° 50' ~~21.8~~" 22.5"

~~Brown~~ Clayey Sand mixed with White Caliche nodules. Sampled 08/09/05 @ 14:00 No odor or stain, 2x4oz/6/Jars/No Pres, For TPH 418.1, BTEX 8021, CL. Sampled @ 36" Below Cell Lift

Sample #3: ~~SW Corner of Cell~~ NORTH 10" PVC Pipe

N: 33° 23' ~~06.2~~" 09.9"

W: 103° 50' ~~23.3~~" 22.6"

Tan brown fine grained well sorted Sand with white caliche nodules. Sampled 08/09/05 @ 14:20 No odor or stain 2x4oz/6/Jars/No Pres. For TPH 418.1 BTEX 8021, CL. Sampled @ 36" Below Cell Lift

Location GMI Land farm. Date 08/08/05

Project / Client 3rd Quarter Soil Sampling

~~NMOCD DP-1044~~ By: CMB Environmental

NMOCD NM-111-11-0020 & Geological Science Inc

Page 2 of 43 By: CMB

Cell #20

Sample #4: NE ~~NW~~ Corner of Cell

N: 33° 23' ~~09.5~~" 09.7"

W: 103° 50' ~~23.9~~" 21.5"

Brown Clayey Sand & Caliche

No odor or staining. Sampled 08/09/05 @ 14:45 2x4oz/6/Jars/No Pres. For TPH 418.1, BTEX 8021, CL. Sampled @ 36" Below Cell Lift.

Sample #5: SE Corner Center of Cell

N: 33° 23' ~~08.1~~" 06.2"

W: 103° 50' ~~22.9~~" 21.6"

Tan brown fine gr. Sand, No odor or stain Sampled 08/09/05 @ 15:00 2x4oz/6/Jars/No Pres For TPH 418.1 BTEX 8021, CL Sampled @ 36" Below Cell Lift

JPEG Photo #1: 2x4oz/6/Jars/No Preservative @ each sample Location.

For: TPH 418.1, BTEX 8021, Chlorides, ~~SAR~~.

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Location GMI Landfarm Date 08/09/05

Project / Client 3rd Quarter Soil Sampling / GMI

NMOCD NM-711-11-0020 By: CMB

Environmental & Geological Services Inc.

Page 3 of 43 By: CMB

Cell #17 ; JPEG 2 Photo

Sample #1 : SE Corner of Cell

GPS Coord: N: 33° 23' 12.7"

W: 103° 50' 16.4"

Red Clayey Sand. Sampled @ 0945 hr.

2x 40z / 6 / None For TPH 418.1, BTex 8021, Cl, SAR. - No odor or staining. Sample taken @ 36" Below Bottom of ~~Left~~ Cell Lift.

Sample #2 : SW Corner of Cell

N: 33° 23' 12.5"

W: 103° 50' 18.6"

Red Clayey Sand. Sampled @ 10:00 hr.

2x 40z / 6 / Jars For TPH 418.1, BTex 8021, Cl, SAR. No Pres. No odor or staining

Taken @ 36" Below Bottom of Cell Lift.

Location GMI Landfarm Date 08/09/05

Project / Client 3rd Quarter Soil Sampling / GMI

NMOCD NM-711-11-0020 By: CMB

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Cell 17 Center

Sample #3 : ~~NW Corner of Cell~~

N: 33° 23' 15.0" SE

W: 103° 50' 18.1"

Fine gr. well sorted Red Sand, No odor or staining Sampled @ 10:20 hr.

2x 40z / 6 / Jars / None For TPH 418.1 BTex 8021, Chlorides, SAR.

@ 36" Below Cell Lift.

Sample #4 : NW Corner of Cell.

N: 33° 23' 17.2"

W: 103° 50' 18.9"

Fine grained well sorted Tan Light brown Sand, No odor or staining Sampled @ 10:40 hr. 2x 40z / 6 / Jars / No Pres. For TPH 418.1, BTex 8021, Chlorides, SAR.

@ 36" Below Cell Lift.

Sample #5 : NE Corner of Cell : Sample @ 36" Below Lift

N: 33° 23' 17.5" W: 103° 50' 15.6"

Red Clayey Sand. No odor or staining

Sampled @ 11:10 hr 2x 40z / 6 / Jar / No Pres

For TPH 418.1, BTex 8021, Cl, SAR.

Location GMI Landfarm Date 08/09/05
Project / Client 3rd Qtr. Sampling / GMI
NMOCD NM-711-11-0020 By: CMB
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Cell #18: JPEG PHOTO #3

Sample #1: SW Corner of Cell
N: 33° 23' 06.6"
W: 103° 50' 19.8"
Tan brown - Clayey Sand with Caliche
No odor or stain. Sampled @ 11:56 hr.
2x 4oz/6/Jars/No Pres. For TPH 418.1,
BTEX 8021, Cl; SAC. Sample d @ 36"
below Cell lift.

Sample #2: NE Corner of Cell
N: 33° 23' 09. 10.0"
W: 103° 50' 16.0"
Red Clayey Sand, No odor or staining
Sampled @ 12:15 hour. 2x 4oz/6/Jars/
No Pres. For TPH 418.1, BTEX 8021, CL,
Sampled @ 36" Below Cell Lift.

Sample #3: North 10" PVC Sampling pipe
N: 33° 23' 10.0" W: 103° 50' 18.0"
Brown Clayey sand, No odor or staining
Sampled @ 12:35 hour For TPH 418.1, BTEX 8021,
CHLORIDES Sampled @ 36" Below Cell Lift.

Location GMI Landfarm Date 08/09/05
Project / Client 3rd Qtr Soil Sampling / GMI
NMOCD NM-711-11-0020 By: CMB
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Cell #18

Sample #4: Center 10" PVC Sampling pipe
N: 33° 23' 08.1" W: 103° 50' 18.0"
Tan brown clayey sand Caliche mixture
No odor or staining. Sampled @ 13:00 hour
2 x 4oz/6/Jars/No Pres For TPH 418.1
BTEX 8021, CHLORIDES. Sampled @ 36"
Below Cell Lift

Sample #5: South 10" PVC Sampling Pipe
N: 33° 23' 06.7" W: 103° 50' 18.2"
Tan brown Clayey sand with Caliche
No odor or staining. Sampled @ 13:15
hour. 2x 4oz/6/Jars/Jars/No Preservative
For TPH 418.1, BTEX 8021, CHLORIDES
Sampled 36" Below Cell lift.

Location GMI Landfarm Date 08/09/05

Project / Client 3rd Quarter Soil Sampling / GMI

NMOCD NM-711-11-0020 By: CMB

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CELL 19 JPEG PHOTO 4

Sample #1: SE Corner of Cell.
N: 33° 23' 12.0"
W: 103° 50' 22.0"
Brown Clayey sand w/ caliche mixture
No odor or stain, Sampled @ 1047 08/10/05
2x4oz/G/Jars; No pres; For TPH 418.1;
BTex 8021 Chlorides sampled 36"
below Cell Lift

Sample #2: SW Corner of Cell
N: 33° 23' 12.1"
W: 103° 50' 24.1"
Red Clayey sand
No odor or stain; Sampled @ 1102 08/10/05
2x4oz/G/Jars; No pres; For TPH 418.1
BTex 8021 Chlorides sampled 36" below cell lift

Sample #3 Center of Cell
N: 33° 23' 14.6"
W: 103° 50' 22.6"
Fine clayey sand w/ white Caliche
No odor or stain; Sampled @ 1110 08/10/05
2x4oz/G/Jars; No pres For TPH 418.1
BTex 8021; Chlorides sampled 36" below cell lift

Location GMI Landfarm Date 08/10/05

Project / Client 3rd Quarter Soil Sampling / GMI

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CELL 19

Sample #4 NW Corner of Cell
N: 33° 23' 17.9"
W: 103° 50' 24.2"
Brown clayey sand
No odor or stain; Sampled @ 1120 08/10/05
2x4oz/G/Jars; No pres.; For TPH 418.1
BTex 8021; Chlorides sampled 36" below cell lift

Sample #5 NE Corner of Cell
N: 33° 23' 17.5"
W: 103° 50' 20.3"
Brown Fine Sand
No odor or stain; Sampled @ 1130 08/10/05
2x4oz/G/Jars; No pres., For TPH 418.1
BTex 8021; Chlorides sampled 36" below cell lift

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Location GMI Landfarm Date 08/10/05

Project / Client 3rd Quarter Soil Sampling/GMI

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CELL # 22 - JPEG PHOTO # 6

Sample #1 SE Corner of Cell
N: 33° 23' 06.0"
W: 103° 50' 25.6"
Reddish Tan Fine Sand
No odor or stain; Sampled @ 1253 08/10/05
2x4oz/G/Jars; No Pres.; For TPH 418.1
BTex 8021; Chlorides sampled 36" below cell lift

Sample #2 SW Corner of Cell
N: 33° 23' 05.6"
W: 103° 50' 29.3"
Brown Clayey Sand
No odor or stain; Sampled @ 1300 08/10/05
2x4oz/G/Jars; No Pres; For TPH 418.1
BTex 8021; Chlorides sampled 36" below cell lift

Sample #3 Center of Cell
N: 33° 23' 07.8"
W 103° 50' 27.8"
Red Clayey Sand
No odor or stain; Sampled @ 13:25 08/10/05
2x4oz/G/Jars; No Pres; For TPH 418.1
BTex 8021; Chlorides sampled 36" below cell lift

Location GMI Landfarm Date 8/10/05

Project / Client 3rd Quarter Soil Sampling

NMOCD NM-711-11-0020 By CMB

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CELL 22

Sample #4 NW Corner of Cell
N: 33° 23' 10.3"
W: 103° 50' 29.0"
Red Clayey Sand
No Odor or stain; Sampled @ 1332 08/10/05
2x4oz/G/Jars; No Pres; For TPH 418.1
BTex 8021; Chlorides Sampled 36" below cell lift

Sample # 5 NE Corner of Cell
N: 33° 23' 09.7"
W: 103° 50' 25.2"
Brown Clayey Sand w/ white caliche
No Odor or stain; Sampled @ 1340 08/10/05
2x4oz/G/Jars; No Pres; For TPH 418.1
BTex 8021; Chlorides Sampled 36" below cell lift

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Location GMI Landfarm Date 08/10/05

Project / Client 3rd Quarter Soil Sampling / GMI

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CELL 21 JPEG PHOTO 5

Sample #1 South 10" PVC Sampling Pipe
N: 33° 23' 12.8"
W: 103° 50' 27.0"
Brown Clayey Sand w/ white caliche mixture
No Odor or Stain; Sampled @ 1150
2x4oz/G/Jars; No Pres.; For TPH 418.1
BTex 8021, Chlorides sampled 36" below cell 1.ft

Sample #2 Middle 10" PVC Sampling Pipe
N: 33° 23' 14.9"
W: 103° 50' 27.2"
Tan Clayey Sand w/ white caliche mixture
No Odor or Stain; Sampled @ 1200 08/10/05
2x4oz/G/Jars; No Pres.; For TPH 418.1
BTex 8021; Chlorides sampled 36" below cell 1.ft

Sample #3 North 10" PVC Sampling Pipe
N: 33° 23' 17.5"
W: 103° 50' 27.4"
Brown Fine Reddish Sand
No Odor or Stain, Sampled @ 1216 - 08/10/05
2x4oz/G/Jars; No Pres; For TPH 418.1
BTex 8021; Chlorides sampled 36 below cell 1.ft

Location GMI Landfarm Date 08/10/05

Project / Client 3rd Quarter Soil Sampling / GMI

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CELL 21 Page 12 of 43

Sample #4 East Corner of Cell
N 33° 23' 12.3"
W: 103° 50' 25.3"
Tan Fine Sand
No Odor or Stain, Sampled @ 1230 08/10/05
2x4oz/G/Jars; No Pres; For TPH 418.1
BTex 8021: Chlorides sampled 36" below cell 1.ft

Sample #5 West Corner of Cell
N: 33° 23' 12.4"
W: 103° 50' 29.2"
Tan Fine Sand
No Odor or Stain; Sampled @ 1240 08/10/05
2x4oz/G/Jars; No Pres; For TPH 418.1
BTex 8021; Chlorides sampled 36" below cell 1.ft

Location GMI Landfarm Date 08/10/05

Project / Client GMI Landfarm/3rd Quarter Soil Sampling
NMOCD NM-711-11-0020 By: CMB

CELL 16 - JPEG #7

Sample #1 SE Corner of Cell
N: 33° 23' 06.2"
W: 103° 50' 11.9"
Tan Clayey Sand w/ caliche
No Odor or Stain, Sampled @ 1412 08/10/05
2x4oz/G/Jars; No Pres.; For TPH 418.1
BTex 8021; Chlorides sampled 36" below cell lift

Sample #2 SW Corner of Cell
N: 33° 23' 06.5"
W: 103° 50' 15.4"
Tan Clayey Sand w/ caliche
No odor or stain; Sampled @ 1420 08/10/05
2x4oz/G/Jars, No Pres.; For TPH 418.1
BTex 8021; Chlorides sampled 36" below cell lift

Sample #3 Center of Cell
N: 33° 23' 08.5"
W: 103° 50' 14.0"
Tan Clayey Sand
No odor or stain; Sampled @ 1430; 2x4oz/G/Jars;
No Pres, for TPH 418.1, BTex 8021, Cl sampled 36" below cell lift

Location GMI Landfarm Date 08/10/05

Project / Client 3rd Quarter Soil Sampling /GMI
NMOCD NM-711-11-0020 By CMB

CELL 16

Sample #4 NW Corner of Cell
N: 33° 23' 10.3"
W: 103° 50' 15.1"
Brown Clayey w/ caliche
No Odor or Stain; Sampled @ 1437 08/10/05
2x4oz/G/Jars; No Pres., For TPH 418.1
BTex 8021; Chlorides sampled 36" below cell lift

Sample #5 NE Corner of Cell
N: 33° 23' 10.2"
W: 103° 50' 11.3"
Red Clayey Sand
No Odor or Stain; Sampled @ 1445 08/10/05
2x4oz/G/Jars; No Pres., For TPH 418.1
BTex 8021; Chlorides sampled 36" below cell lift

Location GMI Landfarm Date 08/10/05

Project / Client 3rd Quarter Soil Sampling / GMI

NMOCD NM-711-11-0020 Page 15 of 33

CELL 15 - JPEG #8

Sample #1 SE Corner of Cell
N: 33° 23' 12.8"
W: 103° 50' 11.0"
Red Clayed Sand
No odor or stain; Sampled @ 1455 08/10/05
2x4oz/G/Jars, No Pres; For TPH 418.1
BTex 8021; Chlorides sampled 36" below cell lift

Sample #2 SW Corner of Cell
N: 33° 23' 13.0"
W: 103° 50' 14.6"
Tan Clayey Sand w/ caliche
No Odor or Stain; Sampled @ 1502 08/10/05
2x4oz/G/Jars, No Pres; For TPH 418.1
BTex 8021; Chlorides sampled 36" below cell lift

Sample #3 Center of Cell
N: 33° 23' 15.6"
W: 103° 50' 12.5"
Brown Clayey Sand
No Order or Stain; Sampled @ 1512 08/10/05
2x4oz/G/Jars; No Pres; For TPH 418.1
BTex 8021, Chlorides sampled 36" below cell lift

Location GMI Landfarm Date 08/10/05

Project / Client 3rd Quarter Soil Sampling / GMI

NMOCD NM-711-11-0020 Page 16 of 33

CELL 15

Sample #4 NW Corner of Cell
N: 33° 23' 18.1"
W: 103° 50' 13.5"
Reddish Brown Clayey Sand
No Odor or stain; Sampled @ 1520 08/10/05
2x4oz/G/Jars; No Pres; For TPH 418.1
BTex 8021; Chlorides sampled 36" below cell lift

Sample #5 NE Corner of Cell
N: 33° 23' 18.1"
W: 103° 50' 10.3"
Red Fine Sand
No Odor or Stain, Sampled @ 1532 08/10/05
2x4oz/G/Jars; No Pres; For TPH 418.1
BTex 8021; Chlorides sampled 36" below cell lift

Location GMI Landfarm Date 08/10/05

Project / Client 3rd Quarter Soil Sampling/GMI

NMOCD NM-711-11-0020 Page 17 of 43

CELL 14 - JPEG #9

Sample #1 SE Corner of Cell
N: 33° 23' 06.3"
W: 103° 50' 06.9"
Brown Clayey Sand
No Odor or stain; Sampled @ 1545 08/10/05
2x4oz/G/Jars; No Pres.; For TPH 418.1
BTex 8021, Chlorides sampled 36" below cell lift

Sample #2 SW Corner of Cell
N 33° 23' 06.0"
W: 103° 50' 10.7"
Red Fine Sand w/ caliche
No Odor or Stain; Sampled @ 1555 08/10/05
2x4oz/G/Jars; No Pres. For TPH 418.1
BTex 8021; Chlorides sampled 36" below cell lift

Sample #3 Center of Cell
N 33° 23' 08.4"
W: 103° 50' 08.5"
Brown Clayey Sand
No Odor or Stain, Sampled @ 1605 08/10/05
2x4oz/G/Jars, No Pres, For TPH 418.1
BTex 8021; Chlorides sampled 36" below cell lift

Location GMI Landfarm Date 08/10/05

Project / Client 3rd Quarter Soil Sampling

NMOCD NM-711-11-0020 Page 18 of 43

CELL 14

Sample #4 NW Corner of Cell
N: 33° 23' 09.9"
W: 103° 50' 10.1"
Red Fine Sand
No Odor or stain; Sampled @ 1614 08/10/05
2x4oz/G/Jars, No Pres.; For TPH 418.1
BTex 8021; Chlorides sampled 36" below Cell lift

Sample #5 NE Corner of Cell
N: 33° 23' 10.0"
W: 103° 50' 07.0"
Tan Clayey Sand w/ caliche
No Odor or Stain, Sampled @ 1620 08/10/05
2x4oz/G/Jars, No Pres.; For TPH 418.1
BTex 8021; Chlorides sampled 36" below Cell lift

Location GMI Landfarm Date 08/11/05
Project / Client 3rd Quarter Soil Sampling/GMI
NMOCD NM-711-11-0020 By CMB

CELL 13 - JPEG #10 Page 19 of 43

Sample #1 SE Corner of Cell
N: 33° 23' 12.4"
W: 103° 50' 05.6"
Brown Fine Sand
No Odor or Stain, Sampled @ 1045 08/11/05
2x4oz/G/Jars, No Pres., For TPH 418.1
BTex 8021, Sampled 36" below cell lift

Sample #2 SW Corner of Cell
N: 33° 23' 12.3"
W: 103° 50' 09.8"
Red Clayey Sand w/ caliche
No Odor or Stain, Sampled @ 1102 08/11/05
2x4oz/G/Jars, No Pres, For TPH 418.1
BTex 8021, Sampled 36" below cell lift

Sample #3 Center of Cell
N: 33° 23' 15.2"
W: 103° 50' 07.4"
Brown Clayey Sand
No Odor or Stain, Sampled @ 1112 08/11/05
2x4oz/G/Jars, No Pres For TPH 418.1
BTex 8021, Sampled 36" below cell lift

Location GMI Landfarm Date 08/11/05
Project / Client 3rd Quarter Soil Sampling/GMI
NMOCD NM-711-11-0020 By CMB

CELL 13 Page 20 of 43

Sample #4 NW Corner of Cell
N: 33° 23' 17.9"
W: 103° 50' 08.7"
Red Fine Sand
No Odor or Stain; Sampled @ 1123 08/11/05
2x4oz/G/Jars, No Pres; For TPH 418.1
BTex 8021, Sampled 36" below cell lift

Sample #5 NE Corner of Cell
N: 33° 23' 18.0"
W: 103° 50' 05.9"
Brown Clayey Sand w/ caliche
No Odor or stain; Sampled @ 1138 08/11/05
2x4oz/G/Jars; No Pres, For TPH 418.1
BTex 8021, Sampled 36" Below Cell lift

Location GMI Landfarm Date 08/11/05
Project / Client 3rd Quarter Soil Sampling/GMI
NMOCD NM-711-11-0020 By CMB

CELL 12 - JPEG #11 Page 21 of 43

Sample #1 SE Corner of Cell
N: 33° 23' 06.5"
W: 103° 50' 02.3"
Brown Clayey Sand w/ caliche
No Odor or stain, Sampled @ 1159 08/11/05
2x4oz/G/Jars; No Pres., For TPH 418.1
BTex 8021 Sampled 36" below cell lift

Sample #2 SW Corner of Cell
N: 33° 23' 05.9"
W 103° 50' 05.5"
Tan Fine Sand w/ caliche
No Odor or stain, Sampled @ 1208 08/11/05
2x4oz/G/Jars, No Pres, For TPH 418.1
BTex 8021; Sampled 36" below cell lift

Sample #3 Center of Cell
N 33° 23' 08.6"
W 103° 50' 04.2"
Brown Reddish Clayey Sand
No Odor or stain. Sampled @ 1218 03/11/05
2x4oz/G/Jars, No Pres; For TPH 418.1
BTex 8021. Sampled 36" below cell lift

Location GMI Landfarm Date 08/11/05
Project / Client 3rd Quarter Soil Sampling/GMI
NMOCD NM-711-11-0020 By CMB

CELL 12 Page 22 of 43

Sample #4 NW Corner of Cell
N: 33° 23' 10.3"
W: 103° 50' 05.5"
Red Clayey Sand
No odor or stain, Sampled @ 1228 08/11/05
2x4oz/G/Jars, No Pres, For TPH 418.1
BTex 8021; Sampled 36" below cell lift

Sample #5 NE Corner of Cell
N: 33° 23' 10.5"
W: 103° 50' 02.4"
Brown Fine Sand
No Odor or stain, Sampled @ 1236 08/11/05
2x4oz/G/Jars, No Pres; For TPH 418.1
BTex 8021; Sampled 36" below cell lift

Location GMI Landfarm Date 08/11/05
Project / Client 3rd Quarter Soil Sampling/GMI
NMOCD NM-711-11-0020 By CMB

CELL 11 - JPEG # 12 Page 23 of 43

Sample #1 SE Corner of Cell
N: 33° 23' 11.1"
W: 103° 50' 02.5"
Tan Clayey Sand w/ caliche
No Odor or Stain, sampled @ 1330 08/11/05
2x4oz/G/Jars, No Pres, For TPH 418.1
BTex 8021, Sampled 36" below cell lift

Sample #2 SW Corner of Cell
No Odor or Stain, sampled @ 1338 08/11/05
2x4oz/G/Jars, No Pres, For TPH 418.1
BTex 8021, Sampled 36" below cell lift
Brown Red Fine Sand
N: 33° 23' 11.1"
W: 103° 50' 02.5"

Sample #3 Center of Cell
N: 33° 23' 15.4"
W: 103° 50' 03.4"
Brown Clayey Sand w/ caliche
No Odor or Stain, sampled @ 1349 08/11/05
2x4oz/G/Jars, No Pres, For TPH 418.1
BTex 8021, sampled 36" below cell lift

Location GMI Landfarm Date 08/11/05
Project / Client 3rd Quarter Soil Sampling/GMI
NMOCD NM-711-11-0020 By CMB

CELL 11 Page 24 of 43

Sample #4 NW Corner of Cell
N: 33° 23' 17.9"
W: 103° 50' 04.1"
Brown Clayey Sand w/ caliche
No Odor or Stain, sampled @ 1400 08/11/05
2x4oz/G/Jars, No Pres, For TPH 418.1
BTex 8021, Sampled 36" below cell lift

Sample #5 NE Corner of Cell
N: 33° 23' [redacted] 18.2"
W: 103° 50' [redacted] 01.0"
Red Fine Sand w/ caliche
No Odor or Stain, sampled @ 1410 08/11/05
2x4oz/G/Jars, No Pres, For TPH 418.1
BTex 8021, Sampled 36" below cell lift

Location GMI Landfarm Date 08/11/05
Project / Client 3rd Quarter Soil Sampling/GMI
NMOCD NM-711-11-0020 By CMB

CELL 10 - JPEG #13 Page 25 of 43

Sample #1 SE Corner of Cell
N: 33°23'12.5"
W: 103°50'00.7"
Brown Clayey Sand w/ caliche
No Odor or stain Sampled @1425 08/11/05
2x4oz/G/Jars; No Pres.; For TPH 418.1
BTex 8021, Sampled 36" below cell lift

Sample #2 SW Corner of Cell
N: 33°23'12.5"
W: 103°50'00.7"
Brown Clayey Sand
No odor or stain, Sampled @1434 08/11/05
2x4oz/G/Jars, No Pres., For TPH 418.1
BTex 8021; Sampled 36" below cell lift

Sample #3 Center of Cell
N: 33°23'12.5"
W: 103°50'00.7"
Brown Clayey Sand w/ Caliche
No Odor or stain, Sampled @1444 08/11/05
2x4oz/G/Jars, No Pres., For TPH 418.1
BTex 8021 Sampled 36" below cell lift

Location GMI Landfarm Date 08/11/05
Project / Client 3rd Quarter Soil Sampling/GMI
NMOCD NM-711-11-0020 By CMB

CELL 10 Page 26 of 43

Sample #4 NW Corner of Cell
N: 33°23'10.7"
W: 103°50'01.3"
Brown Red Clayey Sand
No odor or stain, Sampled @1452 08/11/05
2x4oz/G/Jars, No Pres., For TPH 418.1
BTex 8021 Sampled 36" below cell lift

Sample #5 NE Corner of Cell
N: 33°23'10.8"
W: 103°49'58.3"
Red Fine Sand
No Odor or stain, Sampled @1502 08/11/05
2x4oz/G/Jars, No Pres., For TPH 418.1
BTex 8021 Sampled 36" below cell lift

Location GMI Landfarms Date 08/11/05

Project / Client 3rd Quarter Soil Sampling - NM - 711 - 11 - 0020 By Cmbs

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CELL 9 - JPEG Page 26 of 43

Sample #1 SE Corner of Cell
N: 33°23'12.9"
W: 103°49'57.4"
No Odor or stain; Sampled @ 1547 08/11/05
Brown Reddish Clayey Sand
2x4oz/G/Jars; No Pres, for TPH 418.1
BTex 8021; Sampled 36" below cell 1.ft

Sample #2 SW Corner of Cell
N: 33°23'12.7"
W: 103°49'59.9"
Brown Fine Sand
No Odor or stain; Sampled @ 1556 08/11/05

Sample #3 Center of Cell
N: 33°23'16.0"
W: 103°49'58.6"
Brown Clayey Sand w/ caliche
No Odor or Stain. Sampled @ 1602 08/11/05

Location GMI Landfarms Date 08/11/05

Project / Client 3rd Qtr. Soil Sampling NM - 711 - 11 - 0020 By Cmbs

CELL 9 Page 27 of 43

Sample #4 NW Corner of Cell
N: 33°23'18.0"
W: 103°49'59.5"
Brown Clayey Sand w/ caliche
No Odor or Stain, Sampled @ 1612 08/11/05

Sample #5 NE Corner of Cell
N: 33°23'18.0"
W: 103°49'57.0"
Brown Red Clayey Sand w/ caliche
No Odor or stain, Sampled @ 1618 08/11/05

36

Location GMI Landfarm Date 08/12/05

Project / Client 3rd Quarter Soil Sampling
NM-711-11-0020 By: CMS

CELL 8 - JPEG # 14 Page 28 of 43

Sample #1 SE Corner of Cell
N: 33°23'06.6"
W: 103°49'54.7"
Brown Clayey sand w/ caliche
No Odor or stain, Sampled @ 1129 08/12/05

Sample #2 SW Corner of Cell
N: 33°23'06.0"
W: 103°49'56.7"
Gray Fine Sand
No Odor or stain; Sampled @ 1137 08/12/05

Sample #3 Center of Cell
N: 33°23'06.5"
W: 103°49'55.7"
Brown Clayey Sand w/ caliche
No odor or stain; Sampled @ 1144 08/12/05

37

Location GMI Landfarm Date 08/12/05

Project / Client 3rd Quarter Soil Sampling
NM-711-11-0020 By: CMS

CELL 8 Page 29 of 43

Sample # 4 NW Corner of Cell
N: 33°23'10.4"
W: 103°49'57.2
Brown Fine Sand
No odor or stain; Sampled @ 1152 08/12/05

Sample #5 NE Corner of Cell
N: 33°23'11.0"
W: 103°49'55.0"
Brown Clayey Sand w/ caliche
No odor or stain; Sampled @ 1157 08/12/05

Location GMI Landfarm Date 08/12/05

Project / Client 3rd Quarter Soil Sampling

NM-711-11-0916.20 By: CMS

CELL 7 - JPEG # 0 Page 30 of 43

Sample # 1 SE Corner of Cell
N: 33°23'12.4"
W: 103°49'53.4"
Brown Clayey Sand w/ caliche
No Odor or stain; Sampled @ 1210 08/12/05

Sample # 2 SW Corner of Cell
N: 33°23'12.3"
W: 103°49'56.1"
Brown Red Clayey Sand
No Odor or stain, Sampled @ 1216 08/12/05

Sample # 3 Center of Cell
N: 33°23'15.5"
W: 103°49'55.1"
Brown Clayey Sand w/ Caliche
No odor or stain; Sampled @ 1223 08/12/05

Location GMI Landfarm Date 08/12/05

Project / Client 3rd Quarter Soil Sampling

NM-711-11-0916.20 By: CMS

CELL 7 - JPEG # 0 Page 31 of 43

Sample # 4 NW Corner of Cell
N: 33°23'17.9"
W: 103°49'55.7"
Brown Fine Sand
No odor or stain; Sampled @ 1229 08/12/05

Sample # 5 NE Corner of Cell
N: 33°23'17.8"
W: 103°49'53.8"
Brown Fine Sand w/ Caliche
No odor or stain; Sampled @ 1235 08/12/05

40

Location GMI Landfarm Date 08/12/05

Project / Client 3rd Quarter Soil Sampling

NMOCD 7/1-11-0020 By: CMA

CELL 6 - JPEG # 32 Page 32 of 43

Sample #1 SE Corner of Cell
N: 33°23'06.1"
W: 103°49'50.8"
Brown Fine Sand
No odor or stain; Sampled @ 1247 08/12/05

Sample #2 SW Corner of Cell
N: 33°23'06.2"
W: 103°49'53.2"
Brown Fine Sand w/ Caliche
No Odor or Stain; Sampled @ 1253 08/12/05

Sample #3 Center of Cell
N: 33°23'08.2"
W: 103°49'52.1"
Brown Red Fine Sand
No odor or stain, Sampled @ 1258 08/12/05

41

Location GMI Landfarm Date 08/12/05

Project / Client 3rd Quarter Soil Sampling

NMOCD 7/1-11-0020 By: CMA

CELL 6 Page 33 of 43

Sample #4 NW Corner of Cell
N 33°23'10.2"
W 103°49'53.3"
Brown Clayey Sand
No Odor or stain; Sampled @ 1303 08/12/05

Sample #5 NE Corner of Cell
N: 33°23'10.8"
W: 103°49'50.6"
Brown Fine Sand
No Odor or stain; Sampled @ 1309 08/12/05

Location GMI Landfarm Date 08/12/05
Project / Client 3rd Quarter Soil Samples 2005
NMOCD 7/11-11-0020 By: CMS

CELL 5 - JPEG #18 Page 34 of 43

Sample #1 SE Corner of Cell
N: 33°23'12.6"
W: 103°49'49.7"
Brown Clayey Sand
No odor or stain; Sampled @1319 08/12/05

Sample #2 SW Corner of Cell
N: 33°23'13.0"
W: 103°49'52.1"
Brown Clayey Sand w/ Caliche
No Odor or stain; Sampled @1324 08/12/05

Sample #3 Center of Cell
N: 33°23'15.0"
W: 103°49'50.5"
Brown Clayey Sand w/ Caliche
No Odor or stain; Sampled @1330 08/12/05

Location GMI Landfarm Date 08/12/05
Project / Client 3rd Quarter Soil Samples 2005
NMOCD-7/11-11-0020 By: CMS

CELL 5 Page 35 of 43

Sample #4 NW Corner of Cell
N: 33°23'17.9"
W: 103°49'52.0"
Brown Red Clayey Sand
No Odor or Stain; Sampled @1337 08/12/05

Sample #5 NE Corner of Cell
N: 33°23'18.1"
W: 103°49'49.2"
Red Clayey Sand
No Odor or Stain; Sampled @1343 08/12/05

Location GMI Landfarm Date 08/12/05
Project / Client 3rd Quarter Soil Sampling
NMOCD - TH-11-0020 By: CMS

CELL 4 - JPEG #10 Page 36 of 43

Sample #1 SE Corner of Cell
N: 33°23'12.7"
W: 103°49'46.7"
Brown Fine Sand w/ Caliche
No odor or stain; Sampled @ 1356 08/12/05

Sample #2 SW Corner of Cell
N: 33°23'12.7"
W: 103°49'48.5"
Brown Fine Sand
No odor or stain; Sampled @ 1401 08/12/05

Sample #3 Center of Cell
N: 33°23'15.3"
W: 103°49'47.7"
Tan Fine Sand w/ Caliche
No odor or stain; Sampled @ 1407 08/12/05

Location GMI Landfarm Date 08/12/05
Project / Client 3rd Quarter Soil Sampling
NMOCD - TH-11-0020 By: CMS

CELL 4 Page 37 of 43

Sample #4 NW Corner of Cell
N: 33°23'18.0"
W: 103°49'48.2"
Brown Red Clayey Sand
No odor or stain; Sampled @ 1413 08/12/05

Sample #5 NE Corner of Cell
N: 33°23'18.1"
W: 103°49'47.2"
Brown Red Fine Sand
No odor or stain; Sampled @ 1419 08/12/05

Location GMI Landfarm Date 08/16/

Project / Client 3rd Quarter Soil Sampling

NM-7H-11-0020 By: CMS

CELL 3 - JPEG #20 Page 38 of 43

Sample #1 SE Corner of Cell
N: 33°23'12.8"
W: 103°49'44.6"
Brown Tan Fine Sand w/ Caliche
No odor or stain; Sampled @ 1123 08/16/05

Sample #2 SW Corner of Cell
N: 33°23'12.9"
W: 103°49'46.3"
Tan Fine Sand w/ Caliche
No odor or stain; Sampled @ 1128 08/16/05

Sample #3 Center of Cell
N: 33°23'15.5"
W: 103°49'45.6"
Tan Fine Sand w/ Caliche
No odor or stain; Sampled @ 1135 08/16/05

Location GMI Landfarm Date 08/16/05

Project / Client 3rd Quarter Soil Sampling

NM-7H-11-0020 - By: CMS

CELL 3 Page 39 of 43

Sample #4 NW Corner of Cell
N: 33°23'18.0"
W: 103°49'46.2"
Red Brown Clayey Sand
No odor or stain; Sampled @ 1144 08/16/05

Sample #5 NE Corner of Cell
N: 33°23'19.2"
W: 103°49'44.6"
Red Fine Sand
No odor or stain; Sampled @ 1150 08/16/05

Location GMI Landfarm Date 08/16/05

Project / Client 3rd Quarter Soil Sampling

NM - 7th - 11 - 2020 By: CMS

CELL 1 - JPEG #1 - 21

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Sample #1 SE Corner of Cell
N: 33° 23' 06.2"
W: 103° 49' 43.0"
Dark Brown Clayey Sand
No odor or stain; Sampled @ 1159 08/16/05

Sample #2 SW Corner of Cell
N: 33° 23' 06.0"
W: 103° 49' 46.2"
Brown Red Clayey Sand
No odor or stain; Sampled @ 1206 08/16/05

Sample #3 Center of Cell
N: 33° 23' 08.8"
W: 103° 49' 44.9"
Dark Brown Clayey Sand
No Odor or stain; Sampled @ 1212 08/16/05

Location GMI Landfarm Date 08/16/05

Project / Client 3rd Quarter Soil Sampling

NM - 7th - 11 - 2020 By: CMS

CELL 1

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Sample #4 NW Corner of Cell
N: 33° 23' 11.1"
W: 103° 49' 46.3"
Tan Clayey Sand w/ Caliche
No odor or stain; Sampled @ 1218 08/16/05

Sample #5 NE Corner of Cell
N: 33° 23' 10.8"
W: 103° 49' 43.3"
Brown Clayey Sand
No odor or stain; Sampled @ 1225 08/16/05

Location GMI Landfarm Date 08/16/05

Project / Client 3rd Quarter Soil Sampling

NM-711-11-0020 By: CMB

CELL 2 - JPEG # 22 Page 42 of 43

Sample #1 SE Corner of Cell
N: 33°23'12.8"
W: 103°49'43.0"
Brown Fine Sand
No odor or stain; Sampled @ 1248 08/16/05

Sample #2 SW Corner of Cell
N: 33°23'13.1"
W: 103°49'44.2"
Brown Red Fine Sand
No odor or stain; Sampled @ 1253 08/16/05

Sample #3 Center of Cell
N: 33°23'15.3"
W: 103°49'43.7"
Red Brown Fine Sand w/Caliche
No odor or stain; Sampled @ 1259 08/16/05

Location GMI Landfarm Date 08/16/05

Project / Client 3rd Quarter Soil Sampling

NM-711-11-0020 By: CMB

CELL 2 Page 43 of 43

Sample # 4 NW Corner of Cell
N: 33°23'17.9"
W: 103°49'44.2"
Red Fine Sand
No odor or stain; Sampled @ 1307 08/16/05

Sample #5 NE Corner of Cell
N: 33°23'18.0"
W: 103°49'42.8"
Red Fine Sand
No odor or stain; Sampled @ 1314 08/16/05

Appendix 3
Lab Analysis Reports

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
155 McCutcheon, Suite H El Paso, Texas 79932 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Gandy Marley Inc.
Box 1658
Roswell, NM 88202

Report Date: August 16, 2005

Work Order: 5081214

Project Location: Sec 8,Sec 9,Sec 5,Sec 9,/Chaves ,NM
Project Name: GMI Landfarm
Project Number: 3rd Quarter Soil Sampling 2005

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
70628	Cell 20 Sample 1	soil	2005-08-09	13:40	2005-08-12
70629	Cell 20 Sample 2	soil	2005-08-09	14:00	2005-08-12
70630	Cell 20 Sample 3	soil	2005-08-09	14:20	2005-08-12
70631	Cell 20 Sample 4	soil	2005-08-09	14:45	2005-08-12
70632	Cell 20 Sample 5	soil	2005-08-09	15:00	2005-08-12
70633	Cell 17 Sample 1	soil	2005-08-09	09:45	2005-08-12
70634	Cell 17 Sample 2	soil	2005-08-09	10:00	2005-08-12
70635	Cell 17 Sample 3	soil	2005-08-09	10:20	2005-08-12
70636	Cell 17 Sample 4	soil	2005-08-09	10:40	2005-08-12
70637	Cell 17 Sample 5	soil	2005-08-09	11:10	2005-08-12
70638	Cell 18 Sample 1	soil	2005-08-09	11:50	2005-08-12
70639	Cell 18 Sample 2	soil	2005-08-09	12:15	2005-08-12
70640	Cell 18 Sample 3	soil	2005-08-09	12:35	2005-08-12
70641	Cell 18 Sample 4	soil	2005-08-09	13:00	2005-08-12
70642	Cell 18 Sample 5	soil	2005-08-09	13:15	2005-08-12
70643	Cell 19 Sample 1	soil	2005-08-10	10:47	2005-08-12
70644	Cell 19 Sample 2	soil	2005-08-10	11:02	2005-08-12
70645	Cell 19 Sample 3	soil	2005-08-10	11:10	2005-08-12
70646	Cell 19 Sample 4	soil	2005-08-10	11:20	2005-08-12
70647	Cell 19 Sample 5	soil	2005-08-10	11:30	2005-08-12
70648	Cell 22 Sample 1	soil	2005-08-10	12:53	2005-08-12
70649	Cell 22 Sample 2	soil	2005-08-10	13:00	2005-08-12
70650	Cell 22 Sample 3	soil	2005-08-10	13:25	2005-08-12
70651	Cell 22 Sample 4	soil	2005-08-10	13:32	2005-08-12
70652	Cell 22 Sample 5	soil	2005-08-10	13:40	2005-08-12
70653	Cell 21 Sample 1	soil	2005-08-10	11:50	2005-08-12

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
70654	Cell 21 Sample 2	soil	2005-08-10	12:00	2005-08-12
70655	Cell 21 Sample 3	soil	2005-08-10	12:16	2005-08-12
70656	Cell 21 Sample 4	soil	2005-08-10	12:30	2005-08-12
70657	Cell 21 Sample 5	soil	2005-08-10	12:40	2005-08-12
70658	Cell 16 Sample 1	soil	2005-08-10	14:12	2005-08-12
70659	Cell 16 Sample 2	soil	2005-08-10	14:20	2005-08-12
70660	Cell 16 Sample 3	soil	2005-08-10	14:30	2005-08-12
70661	Cell 16 Sample 4	soil	2005-08-10	14:37	2005-08-12
70662	Cell 16 Sample 5	soil	2005-08-10	14:45	2005-08-12
70663	Cell 15 Sample 1	soil	2005-08-10	14:55	2005-08-12
70664	Cell 15 Sample 2	soil	2005-08-10	15:02	2005-08-12
70665	Cell 15 Sample 3	soil	2005-08-10	15:12	2005-08-12
70666	Cell 15 Sample 4	soil	2005-08-10	15:20	2005-08-12
70667	Cell 15 Sample 5	soil	2005-08-10	15:32	2005-08-12
70668	Cell 14 Sample 1	soil	2005-08-10	15:45	2005-08-12
70669	Cell 14 Sample 2	soil	2005-08-10	15:55	2005-08-12
70670	Cell 14 Sample 3	soil	2005-08-10	16:05	2005-08-12
70671	Cell 14 Sample 4	soil	2005-08-10	16:14	2005-08-12
70672	Cell 14 Sample 5	soil	2005-08-10	16:20	2005-08-12

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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Michael Abel

Dr. Blair Leftwich, Director

Analytical Report

Sample: 70628 - Cell 20 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20482	Date Analyzed:	2005-08-15	Analyzed By:	MT
Prep Batch:	17992	Sample Preparation:	2005-08-15	Prepared By:	MT

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	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.931	mg/Kg	10	0.100	93	36.6 - 112

Sample: 70628 - Cell 20 Sample 1

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20477	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17988	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**111**	mg/Kg	50	1.00

Sample: 70628 - Cell 20 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70629 - Cell 20 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20438	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17960	Sample Preparation:	2005-08-12	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

continued ...

sample 70629 continued...

Parameter	Flag	RL Result	Units	Dilution	RL
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)		0.782	mg/Kg	10	0.100	78	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.800	mg/Kg	10	0.100	80	36.6 - 112

Sample: 70629 - Cell 20 Sample 2

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20477	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17988	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**580**	mg/Kg	100	1.00

Sample: 70629 - Cell 20 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**20.9**	mg/Kg	1	10.0

Sample: 70630 - Cell 20 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20438	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17960	Sample Preparation:	2005-08-12	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)		0.864	mg/Kg	10	0.100	86	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.869	mg/Kg	10	0.100	87	36.6 - 112

Sample: 70630 - Cell 20 Sample 3

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20477	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17988	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**130**		mg/Kg	5	1.00

Sample: 70630 - Cell 20 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70631 - Cell 20 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20438	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17960	Sample Preparation:	2005-08-12	Prepared By:	KB

Parameter	Flag	Result	RL	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)		0.814	mg/Kg	10	0.100	81	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.858	mg/Kg	10	0.100	86	36.6 - 112

Sample: 70631 - Cell 20 Sample 4

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20477	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17988	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**999**		mg/Kg	50	1.00

Sample: 70631 - Cell 20 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70632 - Cell 20 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20438	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17960	Sample Preparation:	2005-08-12	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)		0.803	mg/Kg	10	0.100	80	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.827	mg/Kg	10	0.100	83	36.6 - 112

Sample: 70632 - Cell 20 Sample 5

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20477	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17988	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**663**	mg/Kg	50	1.00

Sample: 70632 - Cell 20 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**59.4**	mg/Kg	1	10.0

Sample: 70633 - Cell 17 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20438	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17960	Sample Preparation:	2005-08-12	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)		0.818	mg/Kg	10	0.100	82	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.861	mg/Kg	10	0.100	86	36.6 - 112

Sample: 70633 - Cell 17 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**23.7**	mg/Kg	1	10.0

Sample: 70634 - Cell 17 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20438	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17960	Sample Preparation:	2005-08-12	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)		0.867	mg/Kg	10	0.100	87	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.893	mg/Kg	10	0.100	89	36.6 - 112

Sample: 70634 - Cell 17 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**30.9**	mg/Kg	1	10.0

Sample: 70635 - Cell 17 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20438	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17960	Sample Preparation:	2005-08-12	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)		0.871	mg/Kg	10	0.100	87	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.863	mg/Kg	10	0.100	86	36.6 - 112

Sample: 70635 - Cell 17 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**46.3**	mg/Kg	1	10.0

Sample: 70636 - Cell 17 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20438	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17960	Sample Preparation:	2005-08-12	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)		0.809	mg/Kg	10	0.100	81	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.832	mg/Kg	10	0.100	83	36.6 - 112

Sample: 70636 - Cell 17 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**37.3**	mg/Kg	1	10.0

Sample: 70637 - Cell 17 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20438	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17960	Sample Preparation:	2005-08-12	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)		0.759	mg/Kg	10	0.100	76	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.787	mg/Kg	10	0.100	79	36.6 - 112

Sample: 70637 - Cell 17 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**29.9**	mg/Kg	1	10.0

Sample: 70638 - Cell 18 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20438	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17960	Sample Preparation:	2005-08-12	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)		0.838	mg/Kg	10	0.100	84	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.856	mg/Kg	10	0.100	86	36.6 - 112

Sample: 70638 - Cell 18 Sample 1

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20477	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17988	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**13.1**	mg/Kg	5	1.00

Sample: 70638 - Cell 18 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**20.1**	mg/Kg	1	10.0

Sample: 70639 - Cell 18 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20438	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17960	Sample Preparation:	2005-08-12	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	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.930	mg/Kg	10	0.100	93	36.6 - 112

Sample: 70639 - Cell 18 Sample 2

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20477	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17988	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**70.1**	mg/Kg	5	1.00

Sample: 70639 - Cell 18 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**23.3**	mg/Kg	1	10.0

Sample: 70640 - Cell 18 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20438	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17960	Sample Preparation:	2005-08-12	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)		0.832	mg/Kg	10	0.100	83	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.861	mg/Kg	10	0.100	86	36.6 - 112

Sample: 70640 - Cell 18 Sample 3

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20477	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17988	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**824**	mg/Kg	50	1.00

Sample: 70640 - Cell 18 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**24.4**	mg/Kg	1	10.0

Sample: 70641 - Cell 18 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20438	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17960	Sample Preparation:	2005-08-12	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)		0.832	mg/Kg	10	0.100	83	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.870	mg/Kg	10	0.100	87	36.6 - 112

Sample: 70641 - Cell 18 Sample 4

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20477	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17988	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**446**	mg/Kg	10	1.00

Sample: 70641 - Cell 18 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**24.3**	mg/Kg	1	10.0

Sample: 70642 - Cell 18 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20482	Date Analyzed:	2005-08-15	Analyzed By:	MT
Prep Batch:	17992	Sample Preparation:	2005-08-15	Prepared By:	MT

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)		1.13	mg/Kg	10	0.100	113	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[1]	1.13	mg/Kg	10	0.100	113	36.6 - 112

Sample: 70642 - Cell 18 Sample 5

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20477	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17988	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**929**	mg/Kg	50	1.00

Sample: 70642 - Cell 18 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**28.6**	mg/Kg	1	10.0

Sample: 70643 - Cell 19 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20438	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17960	Sample Preparation:	2005-08-12	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

continued...

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

sample continued...

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[2]	1.23	mg/Kg	10	0.100	123	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[3]	1.23	mg/Kg	10	0.100	123	36.6 - 112

Sample: 70643 - Cell 19 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**30.8**	mg/Kg	1	10.0

Sample: 70644 - Cell 19 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20438	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17960	Sample Preparation:	2005-08-12	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)		0.938	mg/Kg	10	0.100	94	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.960	mg/Kg	10	0.100	96	36.6 - 112

Sample: 70644 - Cell 19 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**37.6**	mg/Kg	1	10.0

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

Sample: 70645 - Cell 19 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20438	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17960	Sample Preparation:	2005-08-12	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)	[4]	1.19	mg/Kg	10	0.100	119	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[5]	1.23	mg/Kg	10	0.100	123	36.6 - 112

Sample: 70645 - Cell 19 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**44.2**	mg/Kg	1	10.0

Sample: 70646 - Cell 19 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20438	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17960	Sample Preparation:	2005-08-12	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)	[6]	1.32	mg/Kg	10	0.100	132	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[7]	1.34	mg/Kg	10	0.100	134	36.6 - 112

Sample: 70646 - Cell 19 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

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

Sample: 70647 - Cell 19 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20438	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17960	Sample Preparation:	2005-08-12	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)	[8]	1.17	mg/Kg	10	0.100	117	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[9]	1.17	mg/Kg	10	0.100	117	36.6 - 112

Sample: 70647 - Cell 19 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70648 - Cell 22 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20438	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17960	Sample Preparation:	2005-08-12	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

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.14	mg/Kg	10	0.100	114	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[10]	1.16	mg/Kg	10	0.100	116	36.6 - 112

Sample: 70648 - Cell 22 Sample 1

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20487	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17990	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**9.50**	mg/Kg	5	1.00

Sample: 70648 - Cell 22 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70649 - Cell 22 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	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)		1.06	mg/Kg	10	0.100	106	74.5 - 114
4-Bromofluorobenzene (4-BFB)		1.10	mg/Kg	10	0.100	110	36.6 - 112

Sample: 70649 - Cell 22 Sample 2

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20487	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17990	Sample Preparation:	2005-08-15	Prepared By:	WB

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

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**14.0**	mg/Kg	5	1.00

Sample: 70649 - Cell 22 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70650 - Cell 22 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	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)	[11]	1.31	mg/Kg	10	0.100	131	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[12]	1.33	mg/Kg	10	0.100	133	36.6 - 112

Sample: 70650 - Cell 22 Sample 3

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20487	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17990	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**12.4**	mg/Kg	5	1.00

Sample: 70650 - Cell 22 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

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

Sample: 70651 - Cell 22 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	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)	[13]	1.27	mg/Kg	10	0.100	127	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[14]	1.29	mg/Kg	10	0.100	129	36.6 - 112

Sample: 70651 - Cell 22 Sample 4

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20487	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17990	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**16.1**	mg/Kg	10	1.00

Sample: 70651 - Cell 22 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70652 - Cell 22 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	Prepared By:	KB

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

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)		1.04	mg/Kg	10	0.100	104	74.5 - 114
4-Bromofluorobenzene (4-BFB)		1.06	mg/Kg	10	0.100	106	36.6 - 112

Sample: 70652 - Cell 22 Sample 5

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20487	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17990	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**20.8**	mg/Kg	5	1.00

Sample: 70652 - Cell 22 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70653 - Cell 21 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	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)	[15]	1.16	mg/Kg	10	0.100	116	74.5 - 114

continued ...

[15]High 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)	[16]	1.19	mg/Kg	10	0.100	119	36.6 - 112

Sample: 70653 - Cell 21 Sample 1

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20487	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17990	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**10.4**	mg/Kg	5	1.00

Sample: 70653 - Cell 21 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70654 - Cell 21 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	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)	[17]	1.19	mg/Kg	10	0.100	119	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[18]	1.23	mg/Kg	10	0.100	123	36.6 - 112

Sample: 70654 - Cell 21 Sample 2

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20487	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17990	Sample Preparation:	2005-08-15	Prepared By:	WB

[16]High surrogate recovery. Sample non-detect, result bias high.
[17]High surrogate recovery. Sample non-detect, result bias high.
[18]High surrogate recovery. Sample non-detect, result bias high.

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**120**	mg/Kg	5	1.00

Sample: 70654 - Cell 21 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70655 - Cell 21 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	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)	[19]	1.25	mg/Kg	10	0.100	125	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[20]	1.28	mg/Kg	10	0.100	128	36.6 - 112

Sample: 70655 - Cell 21 Sample 3

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20487	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17990	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**54.8**	mg/Kg	5	1.00

Sample: 70655 - Cell 21 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

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

Sample: 70656 - Cell 21 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	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)	[21]	1.20	mg/Kg	10	0.100	120	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[22]	1.21	mg/Kg	10	0.100	121	36.6 - 112

Sample: 70656 - Cell 21 Sample 4

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20487	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17990	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		27.3	mg/Kg	5	1.00

Sample: 70656 - Cell 21 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70657 - Cell 21 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	Prepared By:	KB

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

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)		1.07	mg/Kg	10	0.100	107	74.5 - 114
4-Bromofluorobenzene (4-BFB)		1.08	mg/Kg	10	0.100	108	36.6 - 112

Sample: 70657 - Cell 21 Sample 5

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20487	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17990	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**33.9**	mg/Kg	5	1.00

Sample: 70657 - Cell 21 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70658 - Cell 16 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	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	74.5 - 114
4-Bromofluorobenzene (4-BFB)		1.12	mg/Kg	10	0.100	112	36.6 - 112

Sample: 70658 - Cell 16 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70659 - Cell 16 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	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)		1.08	mg/Kg	10	0.100	108	74.5 - 114
4-Bromofluorobenzene (4-BFB)		1.10	mg/Kg	10	0.100	110	36.6 - 112

Sample: 70659 - Cell 16 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70660 - Cell 16 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	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)	[23]	1.17	mg/Kg	10	0.100	117	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[24]	1.19	mg/Kg	10	0.100	119	36.6 - 112

Sample: 70660 - Cell 16 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70661 - Cell 16 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	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)		1.11	mg/Kg	10	0.100	111	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[25]	1.14	mg/Kg	10	0.100	114	36.6 - 112

Sample: 70661 - Cell 16 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70662 - Cell 16 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	Prepared By:	KB

[23]High surrogate recovery. Sample non-detect, result bias high.
[24]High surrogate recovery. Sample non-detect, result bias high.
[25]High surrogate recovery. Sample non-detect, result bias high.

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		**0.0114**	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.10	mg/Kg	10	0.100	110	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[26]	1.19	mg/Kg	10	0.100	119	36.6 - 112

Sample: 70662 - Cell 16 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70663 - Cell 15 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	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)		0.937	mg/Kg	10	0.100	94	74.5 - 114
4-Bromofluorobenzene (4-BFB)		1.01	mg/Kg	10	0.100	101	36.6 - 112

Sample: 70663 - Cell 15 Sample 1

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20488	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17993	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**9.78**	mg/Kg	5	1.00

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

Sample: 70663 - Cell 15 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70664 - Cell 15 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	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)		0.760	mg/Kg	10	0.100	76	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.794	mg/Kg	10	0.100	79	36.6 - 112

Sample: 70664 - Cell 15 Sample 2

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20488	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17993	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**20.9**	mg/Kg	5	1.00

Sample: 70664 - Cell 15 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70665 - Cell 15 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20482	Date Analyzed:	2005-08-15	Analyzed By:	MT
Prep Batch:	17992	Sample Preparation:	2005-08-15	Prepared By:	MT

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)		0.867	mg/Kg	10	0.100	87	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.915	mg/Kg	10	0.100	91	36.6 - 112

Sample: 70665 - Cell 15 Sample 3

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20488	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17993	Sample Preparation:	2005-08-15	Prepared By:	WB

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

Sample: 70665 - Cell 15 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70666 - Cell 15 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20482	Date Analyzed:	2005-08-15	Analyzed By:	MT
Prep Batch:	17992	Sample Preparation:	2005-08-15	Prepared By:	MT

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)		0.854	mg/Kg	10	0.100	85	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.872	mg/Kg	10	0.100	87	36.6 - 112

Sample: 70666 - Cell 15 Sample 4

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20488	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17993	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**671**	mg/Kg	50	1.00

Sample: 70666 - Cell 15 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70667 - Cell 15 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20482	Date Analyzed:	2005-08-15	Analyzed By:	MT
Prep Batch:	17992	Sample Preparation:	2005-08-15	Prepared By:	MT

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)		0.932	mg/Kg	10	0.100	93	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.970	mg/Kg	10	0.100	97	36.6 - 112

Sample: 70667 - Cell 15 Sample 5

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	20488	Date Analyzed:	2005-08-15	Analyzed By:	WB
Prep Batch:	17993	Sample Preparation:	2005-08-15	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		35.9		mg/Kg	5	1.00

Sample: 70667 - Cell 15 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70668 - Cell 14 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20482	Date Analyzed:	2005-08-15	Analyzed By:	MT
Prep Batch:	17992	Sample Preparation:	2005-08-15	Prepared By:	MT

Parameter	Flag	Result	RL	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)		0.968	mg/Kg	10	0.100	97	74.5 - 114
4-Bromofluorobenzene (4-BFB)		1.00	mg/Kg	10	0.100	100	36.6 - 112

Sample: 70668 - Cell 14 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70669 - Cell 14 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	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)	[27]	1.18	mg/Kg	10	0.100	118	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[28]	1.22	mg/Kg	10	0.100	122	36.6 - 112

Sample: 70669 - Cell 14 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70670 - Cell 14 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	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)	[29]	1.20	mg/Kg	10	0.100	120	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[30]	1.24	mg/Kg	10	0.100	124	36.6 - 112

Sample: 70670 - Cell 14 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

[27]High surrogate recovery. Sample non-detect, result bias high.
[28]High surrogate recovery. Sample non-detect, result bias high.
[29]High surrogate recovery. Sample non-detect, result bias high.
[30]High surrogate recovery. Sample non-detect, result bias high.

Sample: 70671 - Cell 14 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	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)	[31]	1.15	mg/Kg	10	0.100	115	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[32]	1.20	mg/Kg	10	0.100	120	36.6 - 112

Sample: 70671 - Cell 14 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

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

Sample: 70672 - Cell 14 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20439	Date Analyzed:	2005-08-12	Analyzed By:	KB
Prep Batch:	17961	Sample Preparation:	2005-08-12	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)	[33]	1.22	mg/Kg	10	0.100	122	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[34]	1.27	mg/Kg	10	0.100	127	36.6 - 112

Sample: 70672 - Cell 14 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20428	Date Analyzed:	2005-08-13	Analyzed By:	JL
Prep Batch:	17951	Sample Preparation:	2005-08-13	Prepared By:	JL

[31]High surrogate recovery. Sample non-detect, result bias high.
[32]High surrogate recovery. Sample non-detect, result bias high.
[33]High surrogate recovery. Sample non-detect, result bias high.
[34]High surrogate recovery. Sample non-detect, result bias high.

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

Method Blank (1) QC Batch: 20428

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

Method Blank (2) QC Batch: 20428

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

Method Blank (3) QC Batch: 20428

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

Method Blank (1) QC Batch: 20438

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00333	mg/Kg	0.001
Toluene		<0.00353	mg/Kg	0.001
Ethylbenzene		<0.00339	mg/Kg	0.001
Xylene		<0.0103	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.969	mg/Kg	10	0.100	97	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.791	mg/Kg	10	0.100	79	36.6 - 112

Method Blank (1) QC Batch: 20439

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00333	mg/Kg	0.001
Toluene		<0.00353	mg/Kg	0.001

continued ...

method blank continued ...

Parameter	Flag	MDL Result	Units	RL
Ethylbenzene		<0.00339	mg/Kg	0.001
Xylene		<0.0103	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.964	mg/Kg	10	0.100	96	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.783	mg/Kg	10	0.100	78	36.6 - 112

Matrix Blank (1) QC Batch: 20477

Parameter	Flag	MDL Result	Units	RL
Chloride		1.57	mg/Kg	1

Method Blank (1) QC Batch: 20482

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00333	mg/Kg	0.001
Toluene		<0.00353	mg/Kg	0.001
Ethylbenzene		<0.00339	mg/Kg	0.001
Xylene		<0.0103	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.944	mg/Kg	10	0.100	94	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.767	mg/Kg	10	0.100	77	36.6 - 112

Matrix Blank (1) QC Batch: 20487

Parameter	Flag	MDL Result	Units	RL
Chloride		1.58	mg/Kg	1

Matrix Blank (1) QC Batch: 20488

Parameter	Flag	MDL Result	Units	RL
Chloride		1.57	mg/Kg	1

Laboratory Control Spike (LCS-1) QC Batch: 20428

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	251	262	mg/Kg	1	250	<5.91	100	4	91.2 - 113	20

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

Laboratory Control Spike (LCS-2) QC Batch: 20428

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	270	273	mg/Kg	1	250	<5.91	108	1	91.2 - 113	20

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

Laboratory Control Spike (LCS-3) QC Batch: 20428

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	264	263	mg/Kg	1	250	<5.91	106	0	91.2 - 113	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: 20438

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	1.00	1.02	mg/Kg	10	0.100	<0.0333	100	2	79.8 - 114	20
Toluene	0.998	1.02	mg/Kg	10	0.100	<0.0353	100	2	79.7 - 115	20
Ethylbenzene	0.977	1.00	mg/Kg	10	0.100	<0.0339	98	2	78.7 - 116	20
Xylene	2.88	2.96	mg/Kg	10	0.300	<0.103	96	3	78.7 - 118	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)	0.968	0.966	mg/Kg	10	0.100	97	97	76.6 - 114
4-Bromofluorobenzene (4-BFB)	0.903	0.914	mg/Kg	10	0.100	90	91	72 - 111

Laboratory Control Spike (LCS-1) QC Batch: 20439

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	1.01	1.00	mg/Kg	10	0.100	<0.0333	101	1	79.8 - 114	20
Toluene	1.01	0.997	mg/Kg	10	0.100	<0.0353	101	1	79.7 - 115	20
Ethylbenzene	0.993	0.983	mg/Kg	10	0.100	<0.0339	99	1	78.7 - 116	20
Xylene	2.94	2.90	mg/Kg	10	0.300	<0.103	98	1	78.7 - 118	20

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

continued ...

control spikes continued...

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.00	0.962	mg/Kg	10	0.100	100	96	76.6 - 114
4-Bromofluorobenzene (4-BFB)	0.942	0.896	mg/Kg	10	0.100	94	90	72 - 111

Laboratory Control Spike (LCS-1) QC Batch: 20477

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	13.5	13.4	mg/Kg	1	12.5	1.57	95	1	90 - 110	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: 20482

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	1.00	1.02	mg/Kg	10	0.100	<0.0333	100	2	79.8 - 114	20
Toluene	1.00	1.03	mg/Kg	10	0.100	<0.0353	100	3	79.7 - 115	20
Ethylbenzene	0.985	1.01	mg/Kg	10	0.100	<0.0339	98	3	78.7 - 116	20
Xylene	2.91	2.99	mg/Kg	10	0.300	<0.103	97	3	78.7 - 118	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)	0.982	0.982	mg/Kg	10	0.100	98	98	76.6 - 114
4-Bromofluorobenzene (4-BFB)	0.934	0.947	mg/Kg	10	0.100	93	95	72 - 111

Laboratory Control Spike (LCS-1) QC Batch: 20487

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	14.4	13.6	mg/Kg	1	12.5	1.59	102	6	90 - 110	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: 20488

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	13.5	13.6	mg/Kg	1	12.5	1.57	95	1	90 - 110	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: 20428 Spiked Sample: 70633

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	351	352	mg/Kg	1	250	23.7	131	0	9.9 - 146	20

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

Matrix Spike (MS-2) QC Batch: 20428 Spiked Sample: 70653

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	285	288	mg/Kg	1	250	<5.91	114	1	9.9 - 146	20

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

Matrix Spike (MS-3) QC Batch: 20428 Spiked Sample: 70672

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	272	275	mg/Kg	1	250	<5.91	109	1	9.9 - 146	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: 20438 Spiked Sample: 70630

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.767	0.845	mg/Kg	10	0.100	<0.0333	77	10	63.5 - 98.6	20
Toluene	0.796	0.881	mg/Kg	10	0.100	<0.0353	80	10	65.8 - 102	20
Ethylbenzene	0.855	0.953	mg/Kg	10	0.100	<0.0339	86	11	66.6 - 106	20
Xylene	2.58	2.89	mg/Kg	10	0.300	<0.103	86	11	67.4 - 108	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)	0.807	0.892	mg/Kg	10	0.1	81	89	60.1 - 104
4-Bromofluorobenzene (4-BFB)	0.853	0.964	mg/Kg	10	0.1	85	96	63.1 - 105

Matrix Spike (MS-1) QC Batch: 20439 Spiked Sample: 70662

Param		MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	[35][36]	1.09	1.07	mg/Kg	10	0.100	<0.0333	109	2	63.5 - 98.6	20
Toluene	[37][38]	1.13	1.12	mg/Kg	10	0.100	<0.0353	113	1	65.8 - 102	20
Ethylbenzene	[39][40]	1.22	1.20	mg/Kg	10	0.100	<0.0339	122	2	66.6 - 106	20

continued ...

[35]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[36]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[37]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[38]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[39]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[40]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

matrix spikes continued...

Param		MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Xylene	[4142]	3.68	3.65	mg/Kg	10	0.300	<0.103	123	1	67.4 - 108	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)	[4344]	1.15	1.10	mg/Kg	10	0.1	115	110	60.1 - 104
4-Bromofluorobenzene (4-BFB)	[4546]	1.19	1.11	mg/Kg	10	0.1	119	111	63.1 - 105

Matrix Spike (MS-1) QC Batch: 20477 Spiked Sample: 70642

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	1620	1620	mg/Kg	50	12.5	929	110	0	60.9 - 143	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: 20482 Spiked Sample: 70642

Param		MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	[4748]	0.996	1.02	mg/Kg	10	0.100	<0.0333	100	2	63.5 - 98.6	20
Toluene	[4950]	1.04	1.06	mg/Kg	10	0.100	<0.0353	104	2	65.8 - 102	20
Ethylbenzene	[5152]	1.11	1.15	mg/Kg	10	0.100	<0.0339	111	4	66.6 - 106	20
Xylene	[5354]	3.36	3.50	mg/Kg	10	0.300	<0.103	112	4	67.4 - 108	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)	[5556]	1.10	1.12	mg/Kg	10	0.1	110	112	60.1 - 104
4-Bromofluorobenzene (4-BFB)	[5758]	1.17	1.15	mg/Kg	10	0.1	117	115	63.1 - 105

Matrix Spike (MS-1) QC Batch: 20487 Spiked Sample: 70657

[41]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[42]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[43]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[44]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[45]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[46]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[47]Matrix spike recoveries out of control limits. Use LCS/LCSD to demonstrate analysis is under control.
[48]Matrix spike recoveries out of control limits. Use LCS/LCSD to demonstrate analysis is under control.
[49]Matrix spike recoveries out of control limits. Use LCS/LCSD to demonstrate analysis is under control.
[50]Matrix spike recoveries out of control limits. Use LCS/LCSD to demonstrate analysis is under control.
[51]Matrix spike recoveries out of control limits. Use LCS/LCSD to demonstrate analysis is under control.
[52]Matrix spike recoveries out of control limits. Use LCS/LCSD to demonstrate analysis is under control.
[53]Matrix spike recoveries out of control limits. Use LCS/LCSD to demonstrate analysis is under control.
[54]Matrix spike recoveries out of control limits. Use LCS/LCSD to demonstrate analysis is under control.
[55]Matrix spike recoveries out of control limits. Use LCS/LCSD to demonstrate analysis is under control.
[56]Matrix spike recoveries out of control limits. Use LCS/LCSD to demonstrate analysis is under control.
[57]Matrix spike recoveries out of control limits. Use LCS/LCSD to demonstrate analysis is under control.
[58]Matrix spike recoveries out of control limits. Use LCS/LCSD to demonstrate analysis is under control.

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	96.6	95.7	mg/Kg	5	12.5	33.9	100	1	60.9 - 143	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: 20488 Spiked Sample: 70666

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	1320	1310	mg/Kg	50	12.5	671	104	1	60.9 - 143	20

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

Standard (ICV-1) QC Batch: 20428

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	111	111	80 - 120	2005-08-13

Standard (CCV-1) QC Batch: 20428

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	96.4	96	80 - 120	2005-08-13

Standard (CCV-2) QC Batch: 20428

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	99.0	99	80 - 120	2005-08-13

Standard (CCV-3) QC Batch: 20428

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	96.7	97	80 - 120	2005-08-13

Standard (ICV-2) QC Batch: 20428

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	96.6	97	80 - 120	2005-08-13

Standard (CCV-4) QC Batch: 20428

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	98.1	98	80 - 120	2005-08-13

Standard (CCV-5) QC Batch: 20428

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	95.9	96	80 - 120	2005-08-13

Standard (CCV-6) QC Batch: 20428

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	99.5	100	80 - 120	2005-08-13

Standard (ICV-3) QC Batch: 20428

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	99.2	99	80 - 120	2005-08-13

Standard (CCV-7) QC Batch: 20428

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	96.4	96	80 - 120	2005-08-13

Standard (ICV-1) QC Batch: 20438

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.101	101	85 - 115	2005-08-12
Toluene		mg/Kg	0.100	0.0998	100	85 - 115	2005-08-12
Ethylbenzene		mg/Kg	0.100	0.0979	98	85 - 115	2005-08-12
Xylene		mg/Kg	0.300	0.290	96	85 - 115	2005-08-12

Standard (CCV-1) QC Batch: 20438

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.100	100	85 - 115	2005-08-12

continued ...

standard continued...

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Toluene		mg/Kg	0.100	0.100	100	85 - 115	2005-08-12
Ethylbenzene		mg/Kg	0.100	0.102	102	85 - 115	2005-08-12
Xylene		mg/Kg	0.300	0.305	102	85 - 115	2005-08-12

Standard (ICV-1) QC Batch: 20439

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0994	99	85 - 115	2005-08-12
Toluene		mg/Kg	0.100	0.0990	99	85 - 115	2005-08-12
Ethylbenzene		mg/Kg	0.100	0.0976	98	85 - 115	2005-08-12
Xylene		mg/Kg	0.300	0.289	96	85 - 115	2005-08-12

Standard (CCV-1) QC Batch: 20439

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0990	99	85 - 115	2005-08-12
Toluene		mg/Kg	0.100	0.100	100	85 - 115	2005-08-12
Ethylbenzene		mg/Kg	0.100	0.102	102	85 - 115	2005-08-12
Xylene		mg/Kg	0.300	0.306	102	85 - 115	2005-08-12

Standard (ICV-1) QC Batch: 20477

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.5	100	90 - 110	2005-08-15

Standard (CCV-1) QC Batch: 20477

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.8	102	90 - 110	2005-08-15

Standard (ICV-1) QC Batch: 20482

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.102	102	85 - 115	2005-08-15
Toluene		mg/Kg	0.100	0.101	101	85 - 115	2005-08-15

continued...

standard continued ...

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Ethylbenzene		mg/Kg	0.100	0.0997	100	85 - 115	2005-08-15
Xylene		mg/Kg	0.300	0.296	99	85 - 115	2005-08-15

Standard (CCV-1) QC Batch: 20482

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0994	99	85 - 115	2005-08-15
Toluene		mg/Kg	0.100	0.0993	99	85 - 115	2005-08-15
Ethylbenzene		mg/Kg	0.100	0.0988	99	85 - 115	2005-08-15
Xylene		mg/Kg	0.300	0.296	99	85 - 115	2005-08-15

Standard (ICV-1) QC Batch: 20487

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.8	102	90 - 110	2005-08-15

Standard (CCV-1) QC Batch: 20487

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.6	100	90 - 110	2005-08-15

Standard (ICV-1) QC Batch: 20488

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.6	101	90 - 110	2005-08-15

Standard (CCV-1) QC Batch: 20488

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.8	102	90 - 110	2005-08-15

Page 1 of 5

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email: lab@traceanalysis.com

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El Paso, Texas 79932
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Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5081214

Company Name: Gandy Marley Inc. Phone #: 505-347-0434
Address: (Street, City, Zip) PO Box 1658 Roswell, NM 88202 Fax #: 505-347-0435
e-mail: gandy@leaco.net
Contact Person: Mike Marley or Larry Gandy
Invoice to: (If different from above)
Project #: 3rd Quarter Soil Sampling 2005 Project Name: GMI Landfarm
Project Location: SW/4 Sec 4 SE/4 Sec 5 NE/4 Sec. 8, NW/4 Sec. 9 T11S R31E Chaves Co, NM Sampler Signature:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol 8260B/624	GC/MS Semi Vol 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD TSS pH	Moisture Content	CHLORIDES		Turn Around Time if different from standard 72Hr *	Hold
70628	Cell 20 Sample 1	2	4oz	X									X	08/04/05	1340	X	X															X		X	
29	Cell 20 Sample 2	2	4oz	X									X		1400	X	X															X		X	
30	Cell 20 Sample 3	2	4oz	X									X		1420	X	X															X		X	
31	Cell 20 Sample 4	2	4oz	X									X		1445	X	X															X		X	
32	Cell 20 Sample 5	2	4oz	X									X		1500	X	X															X		X	
33	Cell 17 Sample 1	2	4oz	X									X	08/04/05	0845	X	X															X		X	
34	Cell 17 Sample 2	2		X											1000	X	X															X		X	
35	Cell 17 Sample 3	2		X											1020	X	X															X		X	
36	Cell 17 Sample 4	2		X											1040	X	X															X		X	
37	Cell 17 Sample 5	2		X											1110	X	X															X		X	

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	08/11/05	1430			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
				8/12/05	10:20

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

ORIGINAL COPY

LAB USE ONLY
Intact (Y)/N
Headspace Y / N
Temp 4°
Log-in Review

REMARKS: Send Copy of Results ASAP to cmbenvirodfm.com
☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed
Run 418.1 per Larry G 08/12/05 1250 MW

Carrier # GH 682664643

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5081214

Company Name: Gandy Marley Inc.
Phone #: 505-347-0434
Address: (Street, City, Zip) PO Box 1658 Roswell, NM 88202
Fax #: 505-347-0435
e-mail: gandy2@leaco.net
Contact Person: Mike Marley or Larry Gandy
Invoice to: (If different from above)
Project #: 3rd Quarter Soil Sampling 2005
Project Name: GMI Landfarm
Project Location: GMI Landfarm SW/4 Sec 4, SE/4 Sec 5, NE/4 Sec 8, NW/4 Sec 9 T11S R31E
Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
70638	Cell #18 Sample 1	2	40z		X								X	08/04/05	1150
39	Cell #18 Sample 2														1215
40	Cell #18 Sample 3														1225
41	Cell #18 Sample 4														1300
42	Cell #18 Sample 5	↓	↓		↓								↓	↓	1315
43	Cell #19 Sample 1	2	40z		X								X	08/04/05	1100
44	Cell #19 Sample 2														1102
45	Cell #19 Sample 3														1110
46	Cell #19 Sample 4														1120
47	Cell #19 Sample 5	↓	↓		↓								↓	↓	1130

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602 | BTEX 8021B/602 | TPH 8015M/TX1005 | TX 1005 Extended (C35) | PAH 8270C | Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 | TCLP Metals Ag As Ba Cd Cr Pb Se Hg | TCLP Volatiles | TCLP Semi Volatiles | TCLP Pesticides | RCI | GC/MS Vol 8260B/624 | GC/MS Semi Vol 8270C/625 | PCB's 8082/608 | Pesticides 8081A/608 | BOD TSS pH | Moisture Content | CHLORIDE | Turn Around Time if different from standard | Hold

Turn Around Time 72 hr

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	08/11/05	14:			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: Jamie Fyda	8/12/05	10:20

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 4 °
Log-in Review

REMARKS: Send Copy of Results ASAP To Cmbenvironmental.com
☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

Carrier # UPS - 165 4W 4743

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Report Date: August 16, 2005
3rd Quarter Soil Sampling 2005

Work Order: 5081214
GMI Landfarm

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1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5081214

Company Name: Gandy Marley Inc. Phone #: 505-347-0434

Address: (Street/City, Zip) PO Box 1658 Roswell, NM 88202 Fax #: 505-347-0435

e-mail: gandy2@leaco.net

Contact Person: Mike Marley or Larry Gandy

Invoice to: (If different from above)

Project #: 3rd Quarter Soil Sampling 2005 Project Name: GMI Landfarm

Project Location: GMI Landfarm SW/4 Sec 4, SE/4 Sec 5 NE/4 Sec. 8, NW/4 Sec 9 T15 R31E. Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
7064 8	Cell 22 Sample 1	2	4oz		X								X	08/10/05	1253
49	Cell 22 Sample 2														1300
50	Cell 22 Sample 3														1325
51	Cell 22 Sample 4														1332
52	Cell 22 Sample 5														1340
53	Cell 21 Sample 1	2	4oz		X								X	08/10/05	1150
54	Cell 21 Sample 2														1200
55	Cell 21 Sample 3														1216
56	Cell 21 Sample 4														1230
57	Cell 21 Sample 5														1240

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol 8260B/624	GC/MS Semi Vol 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD TSS pH	Moisture Content	Chloride	Turn Around Time if different from standard 72hr*	Hold
X	X	X															X	X	
X	X	X															X	X	

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	08/10/05	1430			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
				8/12/05	10:20

LAB USE ONLY

Intact Y / N

Headspace Y / N

Temp 4 °

Log-in Review

REMARKS: SEND Copy of Results ASAP TO Cmbenvironmental.com

- ☐ Dry Weight Basis Required
- ☐ TRRP Report Required
- ☐ Check If Special Reporting Limits Are Needed

Carrier # GA - 1682664643

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Report Date: August 16, 2005
3rd Quarter Soil Sampling 2005

Work Order: 5081214
GMI Landfarm

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email: lab@traceanalysis.com

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1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5081214

Company Name: Gandy Marley Inc. Phone #: 505-347-0434
Address: (Street, City, Zip) PO Box 1658 Roswell, NM 88202 Fax #: 505-347-0435
e-mail: gandy2@leaco.net
Contact Person:
Invoice to: (If different from above)
Project #: 3rd Quarter Soil Sampling 2005 Project Name: GMI Landfarm
Project Location: GMI Landfarm SW/4 Sec 4, SE/4 Sec 5 NE/4 Sec 8, NW/4 Sec 9 T11S R31E - Chaves Co. Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
7058	Cell 16 Sample 1	2	40z		X								X	08/10/05	1412
59	Cell 16 Sample 2														1420
60	Cell 16 Sample 3														1430
61	Cell 16 Sample 4														1437
62	Cell 16 Sample 5														1445
63	Cell 15 Sample 1	2	40z		X								X	08/10/05	1455
64	Cell 15 Sample 2														1502
65	Cell 15 Sample 3														1514
66	Cell 15 Sample 4														1520
67	Cell 15 Sample 5														1532

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602 | BTEX 8021B/602 | TPH 418.1/TX1005 | TX 1005 Extended (C35) | PAH 8270C | Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 | TCLP Metals Ag As Ba Cd Cr Pb Se Hg | TCLP Volatiles | TCLP Semi Volatiles | TCLP Pesticides | RCI | GC/MS Vol 8260B/624 | GC/MS Semi Vol 8270C/625 | PCB's 8082/608 | Pesticides 8081A/608 | BOD TSS pH | Moisture Content | CHLORIDES | Turnaround Time if different from standard 72hr | Hold

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	08/11/05	14:30			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
				8/12/05	10:20

LAB USE ONLY
Intact (Y) N
Headspace Y / N
Temp 4 °
Log-in Review

REMARKS: Send Copy of Results to Cmbenviro@hm.com
BSAB
☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

Carrier # UPS - 1Z 5206 4643

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email: lab@traceanalysis.com

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Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5081214

Company Name: Gandy Marley Inc. Phone #: 505-347-0434
Address: (Street, City, Zip) PO Box 1658 Roswell, NM 88202-1658 Fax #: 505-347-0435
e-mail: gandy2@leaco.net
Contact Person: Mike Marley or Larry Gandy
Invoice to: (If different from above)
Project #: 3rd Quarter Soil Sampling 2005 Project Name: GMI Landfarm
Project Location: SW/4 Sec 4, SE/4 Sec 5, NE/4 Sec 8, NW/4 Sec. 9 T11S R.31E Chaves Co NM Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
7068	Cell 14 Sample 1	2	4oz		X								X	08/16/05	1545
69	Cell 14 Sample 2														1555
70	Cell 14 Sample 3														1605
71	Cell 14 Sample 4														1614
72	Cell 14 Sample 5														1620

ANALYSIS REQUEST
(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol 8260B/624	GC/MS Semi Vol 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD TSS, pH	Moisture Content				Turn Around Time if different from standard	Hold
X	X	X																		X	

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	08/17/05	1430			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: Jerod Fegler	8/17/05	10:20

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LAB USE ONLY

Intact Y / N
Headspace Y / N
Temp 4 °
Log-in Review

REMARKS: Send Copy of Results to Cmbevins@dtn.com ASAP.

- ☐ Dry Weight Basis Required
- ☐ TRRP Report Required
- ☐ Check If Special Reporting Limits Are Needed

Carrier # GBH - 168266 4643

Report Date: August 16, 2005
3rd Quarter Soil Sampling 2005

Work Order: 5081214
GMI Landfarm

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TRACEANALYSIS, INC.

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155 McCutcheon, Suite H El Paso, Texas 79932 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Gandy Marley Inc.
Box 1658
Roswell, NM 88202

Report Date: August 18, 2005

Work Order: 5081625

Project Location: GMI Landfarm,Chaves Co.,NM
Project Name: GMI Landfarm
Project Number: 3rd Quarter Soil Sampling 2005

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
70938	Cell 13 Sample 1	soil	2005-08-11	10:45	2005-08-16
70939	Cell 13 Sample 2	soil	2005-08-11	11:02	2005-08-16
70940	Cell 13 Sample 3	soil	2005-08-11	11:12	2005-08-16
70941	Cell 13 Sample 4	soil	2005-08-11	11:23	2005-08-16
70942	Cell 13 Sample 5	soil	2005-08-11	11:38	2005-08-16
70943	Cell 12 Sample 1	soil	2005-08-11	11:59	2005-08-16
70944	Cell 12 Sample 2	soil	2005-08-11	12:08	2005-08-16
70945	Cell 12 Sample 3	soil	2005-08-11	12:18	2005-08-16
70946	Cell 12 Sample 4	soil	2005-08-11	12:28	2005-08-16
70947	Cell 12 Sample 5	soil	2005-08-11	12:36	2005-08-16
70948	Cell 11 Sample 1	soil	2005-08-11	13:30	2005-08-16
70949	Cell 11 Sample 2	soil	2005-08-11	13:38	2005-08-16
70950	Cell 11 Sample 3	soil	2005-08-11	13:49	2005-08-16
70951	Cell 11 Sample 4	soil	2005-08-11	14:00	2005-08-16
70952	Cell 11 Sample 5	soil	2005-08-11	14:10	2005-08-16
70953	Cell 10 Sample 1	soil	2005-08-11	14:25	2005-08-16
70954	Cell 10 Sample 2	soil	2005-08-11	14:34	2005-08-16
70955	Cell 10 Sample 3	soil	2005-08-11	14:44	2005-08-16
70956	Cell 10 Sample 4	soil	2005-08-11	14:52	2005-08-16
70957	Cell 10 Sample 5	soil	2005-08-11	15:02	2005-08-16
70958	Cell 9 Sample 1	soil	2005-08-11	15:47	2005-08-16
70959	Cell 9 Sample 2	soil	2005-08-11	15:56	2005-08-16
70960	Cell 9 Sample 3	soil	2005-08-11	16:02	2005-08-16
70961	Cell 9 Sample 4	soil	2005-08-11	16:12	2005-08-16
70962	Cell 9 Sample 5	soil	2005-08-11	16:18	2005-08-16
70963	Cell 8 Sample 1	soil	2005-08-12	11:29	2005-08-16

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
70964	Cell 8 Sample 2	soil	2005-08-12	11:37	2005-08-16
70965	Cell 8 Sample 3	soil	2005-08-12	11:44	2005-08-16
70966	Cell 8 Sample 4	soil	2005-08-12	11:52	2005-08-16
70967	Cell 8 Sample 5	soil	2005-08-12	11:57	2005-08-16
70968	Cell 7 Sample 1	soil	2005-08-12	12:10	2005-08-16
70969	Cell 7 Sample 2	soil	2005-08-12	12:16	2005-08-16
70970	Cell 7 Sample 3	soil	2005-08-12	12:13	2005-08-16
70971	Cell 7 Sample 4	soil	2005-08-12	12:29	2005-08-16
70972	Cell 7 Sample 5	soil	2005-08-12	12:35	2005-08-16
70973	Cell 6 Sample 1	soil	2005-08-12	00:00	2005-08-16
70974	Cell 6 Sample 2	soil	2005-08-12	00:00	2005-08-16
70975	Cell 6 Sample 3	soil	2005-08-12	00:00	2005-08-16
70976	Cell 6 Sample 4	soil	2005-08-12	00:00	2005-08-16
70977	Cell 6 Sample 5	soil	2005-08-12	00:00	2005-08-16
70978	Cell 5 Sample 1	soil	2005-08-12	13:19	2005-08-16
70979	Cell 5 Sample 2	soil	2005-08-12	13:24	2005-08-16
70980	Cell 5 Sample 3	soil	2005-08-12	13:30	2005-08-16
70981	Cell 5 Sample 4	soil	2005-08-12	13:37	2005-08-16
70982	Cell 5 Sample 5	soil	2005-08-12	13:43	2005-08-16
70983	Cell 4 Sample 1	soil	2005-08-12	13:56	2005-08-16
70984	Cell 4 Sample 2	soil	2005-08-12	14:01	2005-08-16
70985	Cell 4 Sample 3	soil	2005-08-12	14:07	2005-08-16
70986	Cell 4 Sample 4	soil	2005-08-12	14:13	2005-08-16
70987	Cell 4 Sample 5	soil	2005-08-12	14:19	2005-08-16

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

This report consists of a total of 42 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 70938 - Cell 13 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

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	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Sample: 70938 - Cell 13 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70939 - Cell 13 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		0.996	mg/Kg	10	0.100	100	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	10	0.100	102	51.7 - 123

Sample: 70939 - Cell 13 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70940 - Cell 13 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

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	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Sample: 70940 - Cell 13 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70941 - Cell 13 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		1.02	mg/Kg	10	0.100	102	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Sample: 70941 - Cell 13 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70942 - Cell 13 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		1.02	mg/Kg	10	0.100	102	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Sample: 70942 - Cell 13 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70943 - Cell 12 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		1.03	mg/Kg	10	0.100	103	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.05	mg/Kg	10	0.100	105	51.7 - 123

Sample: 70943 - Cell 12 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70944 - Cell 12 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		1.03	mg/Kg	10	0.100	103	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.05	mg/Kg	10	0.100	105	51.7 - 123

Sample: 70944 - Cell 12 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70945 - Cell 12 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		1.03	mg/Kg	10	0.100	103	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.05	mg/Kg	10	0.100	105	51.7 - 123

Sample: 70945 - Cell 12 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70946 - Cell 12 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		1.02	mg/Kg	10	0.100	102	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Sample: 70946 - Cell 12 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70947 - Cell 12 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

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	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Sample: 70947 - Cell 12 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70948 - Cell 11 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		1.02	mg/Kg	10	0.100	102	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Sample: 70948 - Cell 11 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70949 - Cell 11 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

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	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Sample: 70949 - Cell 11 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70950 - Cell 11 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		1.02	mg/Kg	10	0.100	102	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.05	mg/Kg	10	0.100	105	51.7 - 123

Sample: 70950 - Cell 11 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70951 - Cell 11 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

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	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Sample: 70951 - Cell 11 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70952 - Cell 11 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

Parameter	Flag	Result	RL	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	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.03	mg/Kg	10	0.100	103	51.7 - 123

Sample: 70952 - Cell 11 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70953 - Cell 10 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

Parameter	Flag	Result	RL	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)		1.02	mg/Kg	10	0.100	102	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Sample: 70953 - Cell 10 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70954 - Cell 10 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

Parameter	Flag	Result	RL	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)		1.02	mg/Kg	10	0.100	102	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.05	mg/Kg	10	0.100	105	51.7 - 123

Sample: 70954 - Cell 10 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70955 - Cell 10 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

Parameter	Flag	Result	RL	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)		1.03	mg/Kg	10	0.100	103	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.05	mg/Kg	10	0.100	105	51.7 - 123

Sample: 70955 - Cell 10 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70956 - Cell 10 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		1.02	mg/Kg	10	0.100	102	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.05	mg/Kg	10	0.100	105	51.7 - 123

Sample: 70956 - Cell 10 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70957 - Cell 10 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20519	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18024	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		1.02	mg/Kg	10	0.100	102	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.05	mg/Kg	10	0.100	105	51.7 - 123

Sample: 70957 - Cell 10 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70958 - Cell 9 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		1.00	mg/Kg	10	0.100	100	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	10	0.100	102	51.7 - 123

Sample: 70958 - Cell 9 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70959 - Cell 9 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		0.986	mg/Kg	10	0.100	98	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.01	mg/Kg	10	0.100	101	51.7 - 123

Sample: 70959 - Cell 9 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70960 - Cell 9 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		0.995	mg/Kg	10	0.100	100	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	10	0.100	102	51.7 - 123

Sample: 70960 - Cell 9 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70961 - Cell 9 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		0.996	mg/Kg	10	0.100	100	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	10	0.100	102	51.7 - 123

Sample: 70961 - Cell 9 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70962 - Cell 9 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		1.00	mg/Kg	10	0.100	100	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	10	0.100	102	51.7 - 123

Sample: 70962 - Cell 9 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70963 - Cell 8 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		0.995	mg/Kg	10	0.100	100	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	10	0.100	102	51.7 - 123

Sample: 70963 - Cell 8 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70964 - Cell 8 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		0.987	mg/Kg	10	0.100	99	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.01	mg/Kg	10	0.100	101	51.7 - 123

Sample: 70964 - Cell 8 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70965 - Cell 8 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		1.00	mg/Kg	10	0.100	100	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.03	mg/Kg	10	0.100	103	51.7 - 123

Sample: 70965 - Cell 8 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70966 - Cell 8 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		0.999	mg/Kg	10	0.100	100	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	10	0.100	102	51.7 - 123

Sample: 70966 - Cell 8 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70967 - Cell 8 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

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	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	10	0.100	102	51.7 - 123

Sample: 70967 - Cell 8 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70968 - Cell 7 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		1.02	mg/Kg	10	0.100	102	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.03	mg/Kg	10	0.100	103	51.7 - 123

Sample: 70968 - Cell 7 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70969 - Cell 7 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

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	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	10	0.100	102	51.7 - 123

Sample: 70969 - Cell 7 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70970 - Cell 7 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		1.00	mg/Kg	10	0.100	100	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	10	0.100	102	51.7 - 123

Sample: 70970 - Cell 7 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70971 - Cell 7 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

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	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.03	mg/Kg	10	0.100	103	51.7 - 123

Sample: 70971 - Cell 7 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70972 - Cell 7 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

Parameter	Flag	Result	RL	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)		0.996	mg/Kg	10	0.100	100	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	10	0.100	102	51.7 - 123

Sample: 70972 - Cell 7 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70973 - Cell 6 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

Parameter	Flag	Result	RL	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)		1.00	mg/Kg	10	0.100	100	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	10	0.100	102	51.7 - 123

Sample: 70973 - Cell 6 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70974 - Cell 6 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		0.993	mg/Kg	10	0.100	99	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Sample: 70974 - Cell 6 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70975 - Cell 6 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

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	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.05	mg/Kg	10	0.100	105	51.7 - 123

Sample: 70975 - Cell 6 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70976 - Cell 6 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		1.00	mg/Kg	10	0.100	100	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Sample: 70976 - Cell 6 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70977 - Cell 6 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20520	Date Analyzed:	2005-08-16	Analyzed By:	MT
Prep Batch:	18025	Sample Preparation:	2005-08-16	Prepared By:	MT

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)		1.00	mg/Kg	10	0.100	100	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Sample: 70977 - Cell 6 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70978 - Cell 5 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20518	Date Analyzed:	2005-08-16	Analyzed By:	KB
Prep Batch:	18023	Sample Preparation:	2005-08-16	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		**0.0252**	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.920	mg/Kg	10	0.100	92	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.942	mg/Kg	10	0.100	94	75.8 - 111

Sample: 70978 - Cell 5 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70979 - Cell 5 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20518	Date Analyzed:	2005-08-16	Analyzed By:	KB
Prep Batch:	18023	Sample Preparation:	2005-08-16	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		**0.0152**	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.917	mg/Kg	10	0.100	92	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.931	mg/Kg	10	0.100	93	75.8 - 111

Sample: 70979 - Cell 5 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70980 - Cell 5 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20518	Date Analyzed:	2005-08-16	Analyzed By:	KB
Prep Batch:	18023	Sample Preparation:	2005-08-16	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)		0.921	mg/Kg	10	0.100	92	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.942	mg/Kg	10	0.100	94	75.8 - 111

Sample: 70980 - Cell 5 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70981 - Cell 5 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20518	Date Analyzed:	2005-08-16	Analyzed By:	KB
Prep Batch:	18023	Sample Preparation:	2005-08-16	Prepared By:	KB

Parameter	Flag	Result	RL	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)		0.910	mg/Kg	10	0.100	91	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.950	mg/Kg	10	0.100	95	75.8 - 111

Sample: 70981 - Cell 5 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70982 - Cell 5 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20518	Date Analyzed:	2005-08-16	Analyzed By:	KB
Prep Batch:	18023	Sample Preparation:	2005-08-16	Prepared By:	KB

Parameter	Flag	Result	RL	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)		0.926	mg/Kg	10	0.100	93	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.940	mg/Kg	10	0.100	94	75.8 - 111

Sample: 70982 - Cell 5 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70983 - Cell 4 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20518	Date Analyzed:	2005-08-16	Analyzed By:	KB
Prep Batch:	18023	Sample Preparation:	2005-08-16	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)		0.923	mg/Kg	10	0.100	92	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.945	mg/Kg	10	0.100	94	75.8 - 111

Sample: 70983 - Cell 4 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70984 - Cell 4 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20518	Date Analyzed:	2005-08-16	Analyzed By:	KB
Prep Batch:	18023	Sample Preparation:	2005-08-16	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	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.958	mg/Kg	10	0.100	96	75.8 - 111

Sample: 70984 - Cell 4 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70985 - Cell 4 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20518	Date Analyzed:	2005-08-16	Analyzed By:	KB
Prep Batch:	18023	Sample Preparation:	2005-08-16	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)		0.925	mg/Kg	10	0.100	92	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.937	mg/Kg	10	0.100	94	75.8 - 111

Sample: 70985 - Cell 4 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70986 - Cell 4 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20518	Date Analyzed:	2005-08-16	Analyzed By:	KB
Prep Batch:	18023	Sample Preparation:	2005-08-16	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)		0.926	mg/Kg	10	0.100	93	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.937	mg/Kg	10	0.100	94	75.8 - 111

Sample: 70986 - Cell 4 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Sample: 70987 - Cell 4 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20518	Date Analyzed:	2005-08-16	Analyzed By:	KB
Prep Batch:	18023	Sample Preparation:	2005-08-16	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)		0.928	mg/Kg	10	0.100	93	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.940	mg/Kg	10	0.100	94	75.8 - 111

Sample: 70987 - Cell 4 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20531	Date Analyzed:	2005-08-17	Analyzed By:	DS
Prep Batch:	18034	Sample Preparation:	2005-08-17	Prepared By:	DS

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

Method Blank (1) QC Batch: 20518

continued ...

method blank continued . . .

Parameter	Flag	MDL Result	Units	RL

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000690	mg/Kg	0.001
Toluene		<0.00100	mg/Kg	0.001
Ethylbenzene		<0.00235	mg/Kg	0.001
Xylene		<0.00251	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.905	mg/Kg	10	0.100	90	45.3 - 112
4-Bromofluorobenzene (4-BFB)		0.934	mg/Kg	10	0.100	93	40.1 - 107

Method Blank (1) QC Batch: 20519

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00153	mg/Kg	0.001
Toluene		<0.000954	mg/Kg	0.001
Ethylbenzene		<0.000954	mg/Kg	0.001
Xylene		<0.00300	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.936	mg/Kg	10	0.100	94	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.918	mg/Kg	10	0.100	92	51.7 - 123

Method Blank (1) QC Batch: 20520

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00153	mg/Kg	0.001
Toluene		<0.000954	mg/Kg	0.001
Ethylbenzene		<0.000954	mg/Kg	0.001
Xylene		<0.00300	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.940	mg/Kg	10	0.100	94	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.916	mg/Kg	10	0.100	92	51.7 - 123

Method Blank (1) QC Batch: 20531

Parameter	Flag	MDL Result	Units	RL
TRPHC		9.98	mg/Kg	10

Method Blank (2) QC Batch: 20531

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

Method Blank (3) QC Batch: 20531

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

Laboratory Control Spike (LCS-1) QC Batch: 20518

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.943	0.922	mg/Kg	10	0.100	<0.000690	94	2	74.8 - 116	20
Toluene	0.945	0.926	mg/Kg	10	0.100	<0.00100	94	2	78.9 - 112	20
Ethylbenzene	0.944	0.927	mg/Kg	10	0.100	<0.00235	94	2	77.6 - 114	20
Xylene	2.85	2.80	mg/Kg	10	0.300	<0.00251	95	2	81.1 - 113	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)	0.905	0.896	mg/Kg	10	0.100	90	90	61.8 - 113
4-Bromofluorobenzene (4-BFB)	0.947	0.944	mg/Kg	10	0.100	95	94	75.8 - 111

Laboratory Control Spike (LCS-1) QC Batch: 20519

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.896	0.892	mg/Kg	10	0.100	<0.0153	90	0	71.9 - 117	20
Toluene	0.884	0.898	mg/Kg	10	0.100	<0.00954	88	2	74.1 - 115	20
Ethylbenzene	0.939	0.947	mg/Kg	10	0.100	<0.00954	94	1	77.8 - 115	20
Xylene	3.06	3.08	mg/Kg	10	0.300	<0.0300	102	1	80.6 - 119	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)	0.962	0.960	mg/Kg	10	0.100	96	96	60.7 - 130
4-Bromofluorobenzene (4-BFB)	1.00	0.996	mg/Kg	10	0.100	100	100	75.3 - 114

Laboratory Control Spike (LCS-1) QC Batch: 20520

continued ...

control spikes continued...

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.877	0.898	mg/Kg	10	0.100	<0.0153	88	2	71.9 - 117	20
Toluene	0.863	0.884	mg/Kg	10	0.100	<0.00954	86	2	74.1 - 115	20
Ethylbenzene	0.920	0.940	mg/Kg	10	0.100	<0.00954	92	2	77.8 - 115	20
Xylene	3.00	3.07	mg/Kg	10	0.300	<0.0300	100	2	80.6 - 119	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)	0.952	0.953	mg/Kg	10	0.100	95	95	60.7 - 130
4-Bromofluorobenzene (4-BFB)	0.993	0.990	mg/Kg	10	0.100	99	99	75.3 - 114

Laboratory Control Spike (LCS-1) QC Batch: 20531

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	257	258	mg/Kg	1	250	<5.91	103	0	91.2 - 113	20

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

Laboratory Control Spike (LCS-2) QC Batch: 20531

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	255	251	mg/Kg	1	250	<5.91	102	2	91.2 - 113	20

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

Laboratory Control Spike (LCS-3) QC Batch: 20531

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	259	261	mg/Kg	1	250	<5.91	104	1	91.2 - 113	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: 20518 Spiked Sample: 70978

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.915	0.857	mg/Kg	10	0.100	<0.000690	92	6	55.8 - 102	20
Toluene	0.929	0.871	mg/Kg	10	0.100	<0.00100	93	6	56.2 - 110	20
Ethylbenzene	0.942	0.883	mg/Kg	10	0.100	0.0079	94	6	60.1 - 104	20
Xylene	2.86	2.68	mg/Kg	10	0.300	0.0252	95	6	57.9 - 108	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)	0.918	0.908	mg/Kg	10	0.1	92	91	39.9 - 109
4-Bromofluorobenzene (4-BFB)	0.938	0.933	mg/Kg	10	0.1	94	93	49.2 - 118

Matrix Spike (MS-1) QC Batch: 20519 Spiked Sample: 70938

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.834	0.854	mg/Kg	10	0.100	<0.0153	83	2	45.5 - 124	20
Toluene	0.859	0.890	mg/Kg	10	0.100	<0.00954	86	4	50.2 - 119	20
Ethylbenzene	0.922	0.956	mg/Kg	10	0.100	<0.00954	92	4	51.9 - 115	20
Xylene	3.01	3.12	mg/Kg	10	0.300	<0.0300	100	4	49.2 - 125	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)	1.03	1.03	mg/Kg	10	0.1	103	103	47.1 - 124
4-Bromofluorobenzene (4-BFB)	1.07	1.08	mg/Kg	10	0.1	107	108	51.7 - 123

Matrix Spike (MS-1) QC Batch: 20520 Spiked Sample: 70958

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.798	0.793	mg/Kg	10	0.100	<0.0153	80	1	45.5 - 124	20
Toluene	0.823	0.808	mg/Kg	10	0.100	<0.00954	82	2	50.2 - 119	20
Ethylbenzene	0.896	0.876	mg/Kg	10	0.100	<0.00954	90	2	51.9 - 115	20
Xylene	2.94	2.89	mg/Kg	10	0.300	<0.0300	98	2	49.2 - 125	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)	1.00	0.983	mg/Kg	10	0.1	100	98	47.1 - 124
4-Bromofluorobenzene (4-BFB)	1.07	1.04	mg/Kg	10	0.1	107	104	51.7 - 123

Matrix Spike (MS-1) QC Batch: 20531 Spiked Sample: 70943

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	259	253	mg/Kg	1	250	<5.91	104	2	9.9 - 146	20

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

Matrix Spike (MS-2) QC Batch: 20531 Spiked Sample: 70963

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	255	258	mg/Kg	1	250	<5.91	102	1	9.9 - 146	20

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

Matrix Spike (MS-3) QC Batch: 20531 Spiked Sample: 70979

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	269	248	mg/Kg	1	250	<5.91	108	8	9.9 - 146	20

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

Standard (ICV-1) QC Batch: 20518

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0960	96	85 - 115	2005-08-16
Toluene		mg/Kg	0.100	0.0963	96	85 - 115	2005-08-16
Ethylbenzene		mg/Kg	0.100	0.0960	96	85 - 115	2005-08-16
Xylene		mg/Kg	0.300	0.290	97	85 - 115	2005-08-16

Standard (CCV-1) QC Batch: 20518

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0927	93	85 - 115	2005-08-16
Toluene		mg/Kg	0.100	0.0934	93	85 - 115	2005-08-16
Ethylbenzene		mg/Kg	0.100	0.0933	93	85 - 115	2005-08-16
Xylene		mg/Kg	0.300	0.281	94	85 - 115	2005-08-16

Standard (ICV-1) QC Batch: 20519

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0903	90	85 - 115	2005-08-16
Toluene		mg/Kg	0.100	0.0925	92	85 - 115	2005-08-16
Ethylbenzene		mg/Kg	0.100	0.0967	97	85 - 115	2005-08-16
Xylene		mg/Kg	0.300	0.315	105	85 - 115	2005-08-16

Standard (CCV-1) QC Batch: 20519

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0914	91	85 - 115	2005-08-16
Toluene		mg/Kg	0.100	0.0913	91	85 - 115	2005-08-16
Ethylbenzene		mg/Kg	0.100	0.0963	96	85 - 115	2005-08-16
Xylene		mg/Kg	0.300	0.313	104	85 - 115	2005-08-16

Standard (ICV-1) QC Batch: 20520

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	2005-08-16
Toluene		mg/Kg	0.100	0.0901	90	85 - 115	2005-08-16
Ethylbenzene		mg/Kg	0.100	0.0949	95	85 - 115	2005-08-16
Xylene		mg/Kg	0.300	0.310	103	85 - 115	2005-08-16

Standard (CCV-1) QC Batch: 20520

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0896	90	85 - 115	2005-08-16
Toluene		mg/Kg	0.100	0.0881	88	85 - 115	2005-08-16
Ethylbenzene		mg/Kg	0.100	0.0934	93	85 - 115	2005-08-16
Xylene		mg/Kg	0.300	0.305	102	85 - 115	2005-08-16

Standard (ICV-1) QC Batch: 20531

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	113	113	80 - 120	2005-08-17

Standard (CCV-1) QC Batch: 20531

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	100	100	80 - 120	2005-08-17

Standard (CCV-2) QC Batch: 20531

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	97.6	98	80 - 120	2005-08-17

Standard (CCV-3) QC Batch: 20531

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	97.6	98	80 - 120	2005-08-17

Standard (ICV-2) QC Batch: 20531

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	98.0	98	80 - 120	2005-08-17

Standard (CCV-4) QC Batch: 20531

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	98.8	99	80 - 120	2005-08-17

Standard (CCV-5) QC Batch: 20531

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	103	103	80 - 120	2005-08-17

Standard (ICV-3) QC Batch: 20531

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	103	103	80 - 120	2005-08-17

Standard (CCV-6) QC Batch: 20531

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	103	103	80 - 120	2005-08-17

Standard (CCV-7) QC Batch: 20531

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	105	105	80 - 120	2005-08-17

Page 1 of 5

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5081625

Company Name: Gandy Marley Inc. Phone #: 505 347-0434
Address: (Street, City, Zip) PO Box 1658 Roswell, NM 88202 Fax #: 505-347-0425
e-mail: gandy2@zia.net
Contact Person: Mike Marley or Larry Gandy
Invoice to: (If different from above)
Project #: 3rd Quarter Soil Sampling 2005 Project Name: GMI Landfarm
Project Location: GMI Landfarm Chaves Co, NM Sampler Signature:

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
70938	Cell 13 Sample 1	2	4oz		X								X	08/10/05	1045
39	Cell 13 Sample 2	↓	↓		↓								↓		1102
40	Cell 13 Sample 3														1112
41	Cell 13 Sample 4														1123
42	Cell 13 Sample 5	↓	↓		↓								↓	↓	1138
43	Cell 12 Sample 1													08/11/05	1159
44	Cell 12 Sample 2														1208
45	Cell 12 Sample 3														1216
46	Cell 12 Sample 4														1226
47	Cell 12 Sample 5	↓	↓		↓								↓	↓	1236

ANALYSIS REQUEST columns: MTBE 8021B/602; BTEX 8021B/602; TPH 418.1/TX1005; TX 1005 Extended (C35); PAH 8270C; Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7000; TCLP Metals Ag As Ba Cd Cr Pb Se Hg; TCLP Volatiles; TCLP Semi Volatiles; TCLP Pesticides; RCI; GC/MS Vol 8260B/624; GC/MS Semi Vol 8270C/625; PCB's 8082/608; Pesticides 8081A/608; BOD TSS pH; Moisture Content; Turn Around Time if different from standard; Hold

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	08/15/05	1545			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: Brenda Ward	8/16/05	9:45

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 4 °C
Log-in Review LA

REMARKS: Send Copy of Results to Environ.Ltd.com

- ☐ Dry Weight Basis Required
- ☐ TRRP Report Required
- ☐ Check If Special Reporting Limits Are Needed

Carrier # Drey Hound Bus 168266 5061

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Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5081625

Company Name: Gandy Marley Inc. Phone #: 505-347-0434

Address: (Street, City, Zip) PO Box 1658 Roswell NM 88202 Fax #: 505-347-0435

e-mail: gandy2@zia.net

Contact Person: Mike Marley or Larry Gandy

Invoice to: (If different from above)

Project #: 3rd Quarter Soil Sampling 2005 Project Name: GMI Landfarm

Project Location: GMI Landfarm Chaves Co, NM Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
70948	Cell 11 Sample 1	2	4oz		X								X	08/11/05	1330
49	Cell 11 Sample 2														1335
50	Cell 11 Sample 3														1349
51	Cell 11 Sample 4														1400
52	Cell 11 Sample 5														1410
53	Cell 10 Sample 1														1425
54	Cell 10 Sample 2														1434
55	Cell 10 Sample 3														1441
56	Cell 10 Sample 4														1452
57	Cell 10 Sample 5														1502

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol 8260B/624	GC/MS Semi Vol 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD TSS pH	Moisture Content	Turn Around Time if different from standard	Hold
X	X	X															X	
X	X	X															X	

Relinquished by: 08/15/05 Time: 1545 Received by: Date: Time:

Relinquished by: Date: Time: Received by: Date: Time:

Relinquished by: Date: Time: Received at Laboratory by: Brenda Ward 8/16/05 Time: 9:45

REMARKS: Send Copy of Results To cmbenvir@dtn.com

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Intact Y / N

Headspace Y / N

Temp 4 °

Log-in Review SK

☐ Dry Weight Basis Required

☐ TRRP Report Required

☐ Check If Special Reporting Limits Are Needed

Carrier # Fed Ex 168266 5061

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Report Date: August 18, 2005
3rd Quarter Soil Sampling 2005

Work Order: 5081625
GMI Landfarm

Page Number: 39 of 42
GMI Landfarm,Chaves Co.,NM

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1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5081625

Company Name: Sandy Markey Inc. Phone #: 505-347-0434
Address: (Street, City, Zip) PO Box 1658 Roswell NM 88202 Fax #: 505-347-0435
e-mail: sandy2@leaco.net
Contact Person: Mike Markey or Larry Gandy
Invoice to: (If different from above)
Project #: 3rd Quarter Soil Sampling 2005 Project Name: GMI Landfarm
Project Location: GMI Landfarm Chaves Co, NM Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
70958	Cell 9 Sample 1	2	4oz		X								X	08/11/05	1547
59	Cell 9 Sample 2														1556
60	Cell 9 Sample 3														1602
61	Cell 9 Sample 4														1612
62	Cell 9 Sample 5														1618
63	Cell 8 Sample 1	2	4oz		X								X	08/11/05	1124
64	Cell 8 Sample 2														1137
65	Cell 8 Sample 3														1144
66	Cell 8 Sample 4														1152
67	Cell 8 Sample 5														1159

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	GRO C6-C12 / TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol 8260B/624	GC/MS Semi Vol 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD TSS pH	Moisture Content	Turn Around Time if different from standard	Hold
X	X	X															X	
X	X	X															X	

Relinquished by: Date: 08/15/05 Time: 1545
Received by: Date: Time:
Relinquished by: Date: Time:
Received by: Date: Time:
Relinquished by: Date: Time:
Received at Laboratory by: Brenda Ward Date: 8/16/05 Time: 9:45

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 4 °
Log-in Review TR

REMARKS:
☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

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Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5081625

Company Name: Gandy Marley Inc. Phone #: 505-347-0434

Address: (Street, City, Zip) PO Box 1658 Roswell NM 88202 Fax #: 505-347-0435

e-mail: gandy2c@eticomet

Contact Person: Mike Marley or Larry Gandy

Invoice to: (If different from above)

Project #: 3rd Quarter Soil Sampling 2005 Project Name: GMI Landfarm

Project Location: GMI Landfarm Chaves Co, NM Sampler Signature:

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol 8260B/624	GC/MS Semi Vol 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD TSS pH	Moisture Content	Turn Around Time if different from standard	Hold
70968	Cell 7 Sample 1	2	4oz		X								X	08/12/05	1210	X	X															X	
69	Cell 7 Sample 2	↓	↓		↓								↓	↓	1216	↓	↓															↓	
70	Cell 7 Sample 3														1223																		
71	Cell 7 Sample 4														1229																		
72	Cell 7 Sample 5	↓	↓		↓								↓	↓	1235	↓	↓															↓	
73	Cell 6 Sample 1	2	4oz		X								X	08/12/05		X	X															X	
74	Cell 6 Sample 2	↓	↓		↓								↓	↓		↓	↓															↓	
75	Cell 6 Sample 3																																
76	Cell 6 Sample 4																																
77	Cell 6 Sample 5	↓	↓		↓								↓	↓		↓	↓															↓	

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	08/15/05	1545	—		
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
			Brenda Ward	8/16/05	9:45

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Intact Y / N

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Temp 4 °

Log-in Review DB

REMARKS: Send Copy of Results to Conservation@dfn.com

☐ Dry Weight Basis Required

☐ TRRP Report Required

☐ Check If Special Reporting Limits Are Needed

Carrier # Bus 168266506 1

Report Date: August 18, 2005
3rd Quarter Soil Sampling 2005

Work Order: 5081625
GMI Landfarm

Page Number: 41 of 42
GMI Landfarm, Chaves Co., NM

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email: lab@traceanalysis.com

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1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5081625

Company Name: Cindy Marley Inc. Phone #: 505-347-0439
Address: (Street, City, Zip) PO Box 1658 Roswell NM 88202 Fax #: 505-347-0435 e-mail: gandg2@leaco.net
Contact Person: Mike Marley or Larry Gandy.
Invoice to: (If different from above)
Project #: 3rd Quarter 2005 Soil Sampling Project Name: GMI Landfarm
Project Location: GMI Landfarm Chaves Co, NM. Sampler Signature:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol 8260B/624	GC/MS Semi Vol 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD TSS pH	Moisture Content			Turnaround Time if different from standard	pH
70978	Cell 5 Sample 1	2	40z		X								X	08/15/05	1319	X	X																	X	
79	Cell 5 Sample 2	↓	↓		↓								↓	↓	1324	↓	↓																	↓	
80	Cell 5 Sample 3														1330																			
81	Cell 5 Sample 4														1337																			
82	Cell 5 Sample 5	↓	↓		↓								↓	↓	1343	↓	↓																	↓	
83	Cell 4 Sample 1	2	40z		X								X	08/15/05	1356	X	X																	X	
84	Cell 4 Sample 2	↓	↓		↓								↓	↓	1401	↓	↓																	↓	
85	Cell 4 Sample 3														1407																			
86	Cell 4 Sample 4														1413																			
87	Cell 4 Sample 5	↓	↓		↓								↓	↓	1419	↓	↓																	↓	

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	08/15/05	1545			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: Brenda Ward	8/16/05	9:45

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Temp 4 °
Log-in Review DB

REMARKS:
Send Copy of Results to Cmbravin@dfn.com.

- ☐ Dry Weight Basis Required
- ☐ TRRP Report Required
- ☐ Check If Special Reporting Limits Are Needed

Carrier # Bus 168266 5061

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155 McCutcheon, Suite H El Paso, Texas 79932 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

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

Report Date: August 24, 2005

Work Order: 5081923

Project Location: GMI Landfarm,Chaves Co.,NM
Project Name: GMI Landfarm
Project Number: 3rd Quarter Soil Sampling 2005

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
71336	Cell 3 Sample 1	soil	2005-08-16	11:23	2005-08-19
71337	Cell 3 Sample 2	soil	2005-08-16	11:28	2005-08-19
71338	Cell 3 Sample 3	soil	2005-08-16	11:35	2005-08-19
71339	Cell 3 Sample 4	soil	2005-08-16	11:44	2005-08-19
71340	Cell 3 Sample 5	soil	2005-08-16	11:50	2005-08-19
71341	Cell 2 Sample 1	soil	2005-08-16	11:59	2005-08-19
71342	Cell 2 Sample 2	soil	2005-08-16	12:06	2005-08-19
71343	Cell 2 Sample 3	soil	2005-08-16	12:12	2005-08-19
71344	Cell 2 Sample 4	soil	2005-08-16	12:18	2005-08-19
71345	Cell 2 Sample 5	soil	2005-08-16	12:25	2005-08-19
71346	Cell 1 Sample 1	soil	2005-08-16	12:45	2005-08-19
71347	Cell 1 Sample 2	soil	2005-08-16	12:53	2005-08-19
71348	Cell 1 Sample 3	soil	2005-08-16	12:59	2005-08-19
71349	Cell 1 Sample 4	soil	2005-08-16	13:07	2005-08-19
71350	Cell 1 Sample 5	soil	2005-08-16	13:14	2005-08-19

Michael Abel

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 15 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 71336 - Cell 3 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20609	Date Analyzed:	2005-08-19	Analyzed By:	KB
Prep Batch:	18103	Sample Preparation:	2005-08-19	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)		1.05	mg/Kg	10	0.100	105	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Sample: 71336 - Cell 3 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20708	Date Analyzed:	2005-08-23	Analyzed By:	JL
Prep Batch:	18190	Sample Preparation:	2005-08-23	Prepared By:	JL

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

Sample: 71337 - Cell 3 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20609	Date Analyzed:	2005-08-19	Analyzed By:	KB
Prep Batch:	18103	Sample Preparation:	2005-08-19	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)		1.04	mg/Kg	10	0.100	104	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.05	mg/Kg	10	0.100	105	51.7 - 123

Sample: 71337 - Cell 3 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20708	Date Analyzed:	2005-08-23	Analyzed By:	JL
Prep Batch:	18190	Sample Preparation:	2005-08-23	Prepared By:	JL

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

Sample: 71338 - Cell 3 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20609	Date Analyzed:	2005-08-19	Analyzed By:	KB
Prep Batch:	18103	Sample Preparation:	2005-08-19	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)		1.05	mg/Kg	10	0.100	105	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.05	mg/Kg	10	0.100	105	51.7 - 123

Sample: 71338 - Cell 3 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20708	Date Analyzed:	2005-08-23	Analyzed By:	JL
Prep Batch:	18190	Sample Preparation:	2005-08-23	Prepared By:	JL

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

Sample: 71339 - Cell 3 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20609	Date Analyzed:	2005-08-19	Analyzed By:	KB
Prep Batch:	18103	Sample Preparation:	2005-08-19	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)		1.04	mg/Kg	10	0.100	104	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.05	mg/Kg	10	0.100	105	51.7 - 123

Sample: 71339 - Cell 3 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20708	Date Analyzed:	2005-08-23	Analyzed By:	JL
Prep Batch:	18190	Sample Preparation:	2005-08-23	Prepared By:	JL

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

Sample: 71340 - Cell 3 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20609	Date Analyzed:	2005-08-19	Analyzed By:	KB
Prep Batch:	18103	Sample Preparation:	2005-08-19	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)		1.04	mg/Kg	10	0.100	104	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Sample: 71340 - Cell 3 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20708	Date Analyzed:	2005-08-23	Analyzed By:	JL
Prep Batch:	18190	Sample Preparation:	2005-08-23	Prepared By:	JL

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

Sample: 71341 - Cell 2 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20609	Date Analyzed:	2005-08-19	Analyzed By:	KB
Prep Batch:	18103	Sample Preparation:	2005-08-19	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)		1.04	mg/Kg	10	0.100	104	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Sample: 71341 - Cell 2 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20708	Date Analyzed:	2005-08-23	Analyzed By:	JL
Prep Batch:	18190	Sample Preparation:	2005-08-23	Prepared By:	JL

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

Sample: 71342 - Cell 2 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20609	Date Analyzed:	2005-08-19	Analyzed By:	KB
Prep Batch:	18103	Sample Preparation:	2005-08-19	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)		1.04	mg/Kg	10	0.100	104	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Sample: 71342 - Cell 2 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20708	Date Analyzed:	2005-08-23	Analyzed By:	JL
Prep Batch:	18190	Sample Preparation:	2005-08-23	Prepared By:	JL

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

Sample: 71343 - Cell 2 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20609	Date Analyzed:	2005-08-19	Analyzed By:	KB
Prep Batch:	18103	Sample Preparation:	2005-08-19	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)		1.05	mg/Kg	10	0.100	105	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.05	mg/Kg	10	0.100	105	51.7 - 123

Sample: 71343 - Cell 2 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20708	Date Analyzed:	2005-08-23	Analyzed By:	JL
Prep Batch:	18190	Sample Preparation:	2005-08-23	Prepared By:	JL

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

Sample: 71344 - Cell 2 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20609	Date Analyzed:	2005-08-19	Analyzed By:	KB
Prep Batch:	18103	Sample Preparation:	2005-08-19	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)		1.03	mg/Kg	10	0.100	103	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.03	mg/Kg	10	0.100	103	51.7 - 123

Sample: 71344 - Cell 2 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20708	Date Analyzed:	2005-08-23	Analyzed By:	JL
Prep Batch:	18190	Sample Preparation:	2005-08-23	Prepared By:	JL

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

Sample: 71345 - Cell 2 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20609	Date Analyzed:	2005-08-19	Analyzed By:	KB
Prep Batch:	18103	Sample Preparation:	2005-08-19	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)		1.04	mg/Kg	10	0.100	104	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.05	mg/Kg	10	0.100	105	51.7 - 123

Sample: 71345 - Cell 2 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20708	Date Analyzed:	2005-08-23	Analyzed By:	JL
Prep Batch:	18190	Sample Preparation:	2005-08-23	Prepared By:	JL

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

Sample: 71346 - Cell 1 Sample 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20609	Date Analyzed:	2005-08-19	Analyzed By:	KB
Prep Batch:	18103	Sample Preparation:	2005-08-19	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)		1.03	mg/Kg	10	0.100	103	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.03	mg/Kg	10	0.100	103	51.7 - 123

Sample: 71346 - Cell 1 Sample 1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20708	Date Analyzed:	2005-08-23	Analyzed By:	JL
Prep Batch:	18190	Sample Preparation:	2005-08-23	Prepared By:	JL

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

Sample: 71347 - Cell 1 Sample 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20609	Date Analyzed:	2005-08-19	Analyzed By:	KB
Prep Batch:	18103	Sample Preparation:	2005-08-19	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)		1.05	mg/Kg	10	0.100	105	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Sample: 71347 - Cell 1 Sample 2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20708	Date Analyzed:	2005-08-23	Analyzed By:	JL
Prep Batch:	18190	Sample Preparation:	2005-08-23	Prepared By:	JL

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

Sample: 71348 - Cell 1 Sample 3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20609	Date Analyzed:	2005-08-19	Analyzed By:	KB
Prep Batch:	18103	Sample Preparation:	2005-08-19	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)		1.05	mg/Kg	10	0.100	105	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.05	mg/Kg	10	0.100	105	51.7 - 123

Sample: 71348 - Cell 1 Sample 3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20708	Date Analyzed:	2005-08-23	Analyzed By:	JL
Prep Batch:	18190	Sample Preparation:	2005-08-23	Prepared By:	JL

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

Sample: 71349 - Cell 1 Sample 4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20609	Date Analyzed:	2005-08-19	Analyzed By:	KB
Prep Batch:	18103	Sample Preparation:	2005-08-19	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)		1.04	mg/Kg	10	0.100	104	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	51.7 - 123

Sample: 71349 - Cell 1 Sample 4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20708	Date Analyzed:	2005-08-23	Analyzed By:	JL
Prep Batch:	18190	Sample Preparation:	2005-08-23	Prepared By:	JL

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

Sample: 71350 - Cell 1 Sample 5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	20609	Date Analyzed:	2005-08-19	Analyzed By:	KB
Prep Batch:	18103	Sample Preparation:	2005-08-19	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)		1.05	mg/Kg	10	0.100	105	47.1 - 124
4-Bromofluorobenzene (4-BFB)		1.06	mg/Kg	10	0.100	106	51.7 - 123

Sample: 71350 - Cell 1 Sample 5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	20708	Date Analyzed:	2005-08-23	Analyzed By:	JL
Prep Batch:	18190	Sample Preparation:	2005-08-23	Prepared By:	JL

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

Method Blank (1) QC Batch: 20609

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00153	mg/Kg	0.001
Toluene		<0.000954	mg/Kg	0.001
Ethylbenzene		<0.000954	mg/Kg	0.001
Xylene		<0.00300	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.963	mg/Kg	10	0.100	96	47.1 - 124
4-Bromofluorobenzene (4-BFB)		0.916	mg/Kg	10	0.100	92	51.7 - 123

Method Blank (1) QC Batch: 20708

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

Laboratory Control Spike (LCS-1) QC Batch: 20609

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.934	0.903	mg/Kg	10	0.100	<0.0153	93	3	71.9 - 117	20
Toluene	0.919	0.886	mg/Kg	10	0.100	<0.00954	92	4	74.1 - 115	20
Ethylbenzene	0.936	0.913	mg/Kg	10	0.100	<0.00954	94	2	77.8 - 115	20
Xylene	3.04	2.97	mg/Kg	10	0.300	<0.0300	101	2	80.6 - 119	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)	0.981	0.957	mg/Kg	10	0.100	98	96	60.7 - 130
4-Bromofluorobenzene (4-BFB)	0.988	0.974	mg/Kg	10	0.100	99	97	75.3 - 114

Matrix Spike (MS-1) QC Batch: 20609 Spiked Sample: 71339

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	1.06	1.06	mg/Kg	10	0.100	<0.0153	106	0	45.5 - 124	20
Toluene	1.09	1.10	mg/Kg	10	0.100	<0.00954	109	1	50.2 - 119	20
Ethylbenzene	1.14	1.14	mg/Kg	10	0.100	<0.00954	114	0	51.9 - 115	20
Xylene	3.67	3.69	mg/Kg	10	0.300	<0.0300	122	0	49.2 - 125	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)	1.06	1.08	mg/Kg	10	0.1	106	108	47.1 - 124
4-Bromofluorobenzene (4-BFB)	1.07	1.09	mg/Kg	10	0.1	107	109	51.7 - 123

Matrix Spike (MS-1) QC Batch: 20708 Spiked Sample: 71339

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	243	243	mg/Kg	1	250	<5.91	97	0	9.9 - 146	20

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

Standard (ICV-1) QC Batch: 20609

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0897	90	85 - 115	2005-08-19
Toluene		mg/Kg	0.100	0.0893	89	85 - 115	2005-08-19
Ethylbenzene		mg/Kg	0.100	0.0902	90	85 - 115	2005-08-19
Xylene		mg/Kg	0.300	0.294	98	85 - 115	2005-08-19

Standard (CCV-1) QC Batch: 20609

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0950	95	85 - 115	2005-08-19
Toluene		mg/Kg	0.100	0.0914	91	85 - 115	2005-08-19
Ethylbenzene		mg/Kg	0.100	0.0938	94	85 - 115	2005-08-19
Xylene		mg/Kg	0.300	0.305	102	85 - 115	2005-08-19

Standard (ICV-1) QC Batch: 20708

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	98.6	99	80 - 120	2005-08-23

Standard (CCV-1) QC Batch: 20708

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	106	106	80 - 120	2005-08-23

Standard (CCV-2) QC Batch: 20708

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	114	114	80 - 120	2005-08-23

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5081923

Company Name: Gandy Marley Inc. Phone #: 505-347-0434
Address: (Street, City, Zip) PO Box 1658 Roswell NM 88202 Fax #: 505-347-0435
e-mail: gandy2@leaco.net
Contact Person: Mike Marley or Larry Gandy
Invoice to: (If different from above)
Project #: 3rd Quarter 2005 Soil Sampling Project Name: GMI Landfarm
Project Location: GMI Landfarm Chaves Co, NM Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
71336	Cell 3 Sample 1	2	402		X								X	08/16/05	1123
37	Cell 3 Sample 2														1126
38	Cell 3 Sample 3														1135
39	Cell 3 Sample 4														1144
40	Cell 3 Sample 5														1150
41	Cell 2 Sample 1	2	402		X								X	08/16/05	1159
42	Cell 2 Sample 2														1206
43	Cell 2 Sample 3														1217
44	Cell 2 Sample 4														1216
45	Cell 2 Sample 5														1225

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7000	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GCMS Vol 8260B/624	GCMS Semi Vol 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD TSS, pH	Moisture Content	Turn Around Time if different from standard	Hold
X	X	X															X	
X	X	X															X	

Relinquished by: Date: 08/18/05 Time: 1300 Received by: Date: Time:
Relinquished by: Date: Time: Received by: Date: Time:
Relinquished by: Date: Time: Received at Laboratory by: Brenda Ward Date: 8/19/05 Time: 10:10

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 4 °
Log-in Review

REMARKS: Send Copy of Results to Cmtenvironmental.com ATTN:
☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

Carrier # Bus 168266 541-3

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

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6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296
email: lab@traceanalysis.com

TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5081923

Company Name: Cindy Morley Inc. Phone #: 505-347-0434
Address: (Street, City, Zip) PO Box 1658 Roswell, NM 88202 Fax #: 505 347-0431
e-mail: gandy2@plateau.net
Contact Person: Mike Morley or Larry Gandy
Invoice to: (If different from above)
Project #: 3rd Quarter 2005 Soil Sampling Project Name: GMI Landfarm
Project Location: GMI Landfarm - Chaves Co. NM Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
46	Cell 1 Sample 1	2	402		X								X	08/16/05	1245
47	Cell 1 Sample 2														1253
48	Cell 1 Sample 3														1259
49	Cell 1 Sample 4														1307
50	Cell 1 Sample 5														1314

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GCMS Vol 8260B/624	GCMS Semi Vol 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD TSS pH	Moisture Content	Turn Around Time if different from standard 72 HR	Hold
X	X	X															X	

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	08/18/05	1300			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: Brenda Ward	8/19/05	10:10

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

ORIGINAL COPY

LAB USE ONLY

Intact Y / N
Headspace Y / N
Temp 4 °
Log-in Review MP

REMARKS: Send Copy of Results to cmkenvir@dfn.com
ASAP.

- ☐ Dry Weight Basis Required
- ☐ TRRP Report Required
- ☐ Check If Special Reporting Limits Are Needed

Carrier # Bus 1692 6611 5413

July 20, 2005

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 2005
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-711-1-0020)

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 PTB 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-711-1-0020**

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 20, 2005**

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. 12/31/05

Date: 07/20/2005

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-711-1-0020 (Gandy Marley Inc., 1995 approved by the New Mexico Energy, Minerals, & Natural Resources Department Oil Conservation Division (NMOCD) Environmental Bureau on January 27, 1995.

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-711-1-0020. The commercial landfarm is being managed in accordance with the NMOCD approved Commercial Landfarm Permit NM-711-1-0020. 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 2005 consists of collecting confirmation soil samples beneath site cells being actively landfarmed, analyzing the subsurface soil samples for total petroleum hydrocarbons (TPH), BTEX, general chemistry characteristics, major Cations & Anions, and RCRA 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-711-1-0020.

The soil sampling and monitor well sampling adequately monitored the vadose zone beneath the facility. Table 1 contains Trace Analysis Lab Sample Summary Reports of cell soil samples taken beneath cells 5, 6, 7, 15, 16, 17 & 18. 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 and site photographs 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 2005 sampling / monitoring was performed on June 7, 2005. This quarter's monitoring activities include the following:

- Collection of Remediation Cell Soil samples from landfarm remediation cells # 5, 6, 7, 15, 16, 17, and 18 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, hydroxide Alkalinity, Carbonate Alkalinity, Bicarbonate Alkalinity, Total Alkalinity, Total Calcium, Chloride, Specific Conductance, Total Potassium, Total Magnesium, Total Sodium , pH, Sulfate, and TCLP Metals. Monitor Well groundwater samples were analyzed for Hydroxide Alkalinity, Carbonate Alkalinity, Bicarbonate Alkalinity, Total Alkalinity, Chloride, Specific Conductance, Nitrate-N, Nitrite-N, pH, Sulfate, Total Dissolved Solids, Cations, Semi-Volatiles 8270C, RCRA TCLP Metals, TPH DRO / GRP MOD 8015, and Volatiles 8260B.

The soil sampling and monitor well sampling adequately monitored the vadose zone beneath the facility. Field parameters included site photographs, a lithologic description of the soil samples, and GPS location coordinates of the soil samples. Field Notes are found in Appendix 2. Soil Sample laboratory summary results, 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 Landfarm Cells # 5,6,7, 15,16,17, and 18 show the remediated soils in the cells to contain less than <0.0500 PPM BTEX, acceptable TCLP Metal concentrations, and <550 PPM TPH concentrations. Chlorides concentrations are below 250 PPM in all cells with the exception of Cell #'s 16 & 21. Cells 18, 20, and 21 are presently accepting 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. 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 - 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 < 0.05 PPM, TPH Concentrations <550.0 PPM, Acceptable TCLP concentrations, general soil chemistry parameters, and major anion and cation concentrations.

LIST OF FIGURES

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

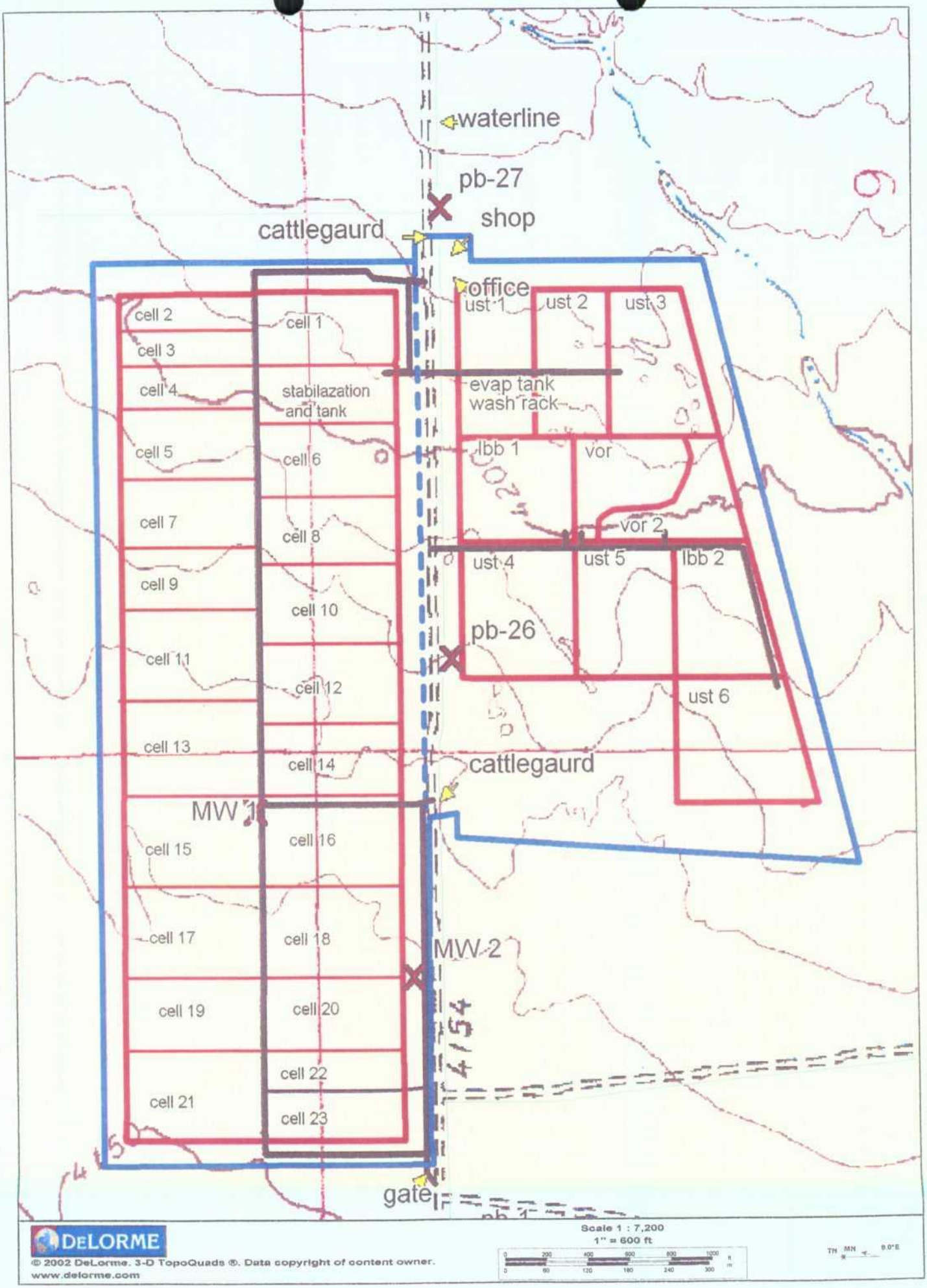
LIST OF TABLES

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 / Site Photographs / GPS Coordinates of samples	X	
3	Laboratory Reports	X	

Figures: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wash rack
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cell 9
cell 10
pb-26
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cell 12
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cell 13
cell 14
cattlegaurd
MW 1
cell 15
cell 16
cell 17
cell 18
MW-2
cell 19
cell 20
cell 22
cell 21
cell 23
gate
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Scale 1 : 7,200
1" = 600 ft

NMOCD/Gandy-Marley Land Farm

Quarterly Sampling 2005

Second Quarter Sampling

Sample Date: 06/07/2005

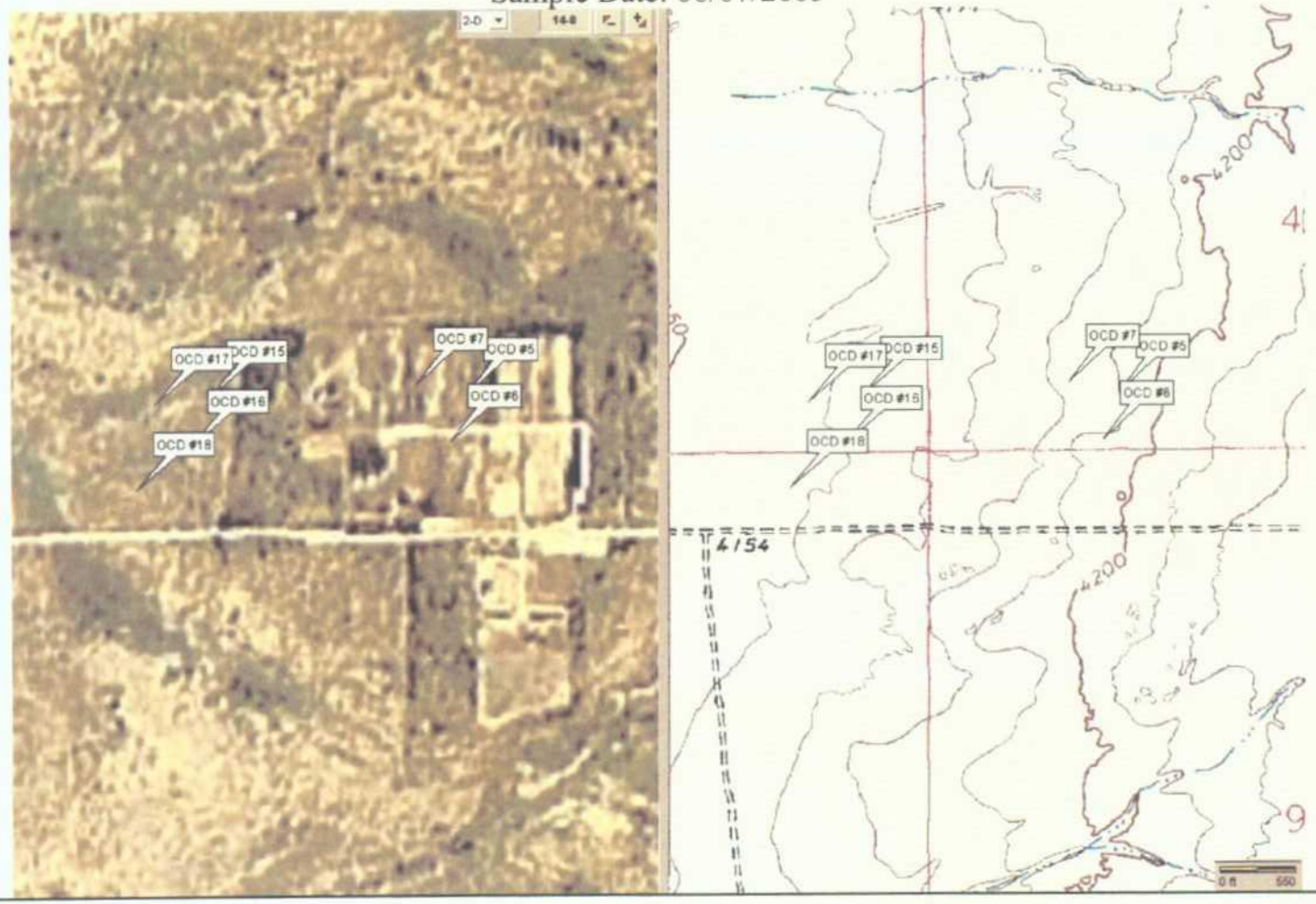


Table 1

Summary Report

Gandy Marley Inc.
Box 1658
Roswell, NM 88202

Report Date: June 13, 2005

Work Order: 5060817

Project Location: Gandy Marley Landfarm
Project Name: Quarterly Sampling (NM-711-1-0020)

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
64664	OCD Cell #21	soil	2005-06-07	09:00	2005-06-08
64665	OCD Cell #5	soil	2005-06-07	10:30	2005-06-08
64666	OCD Cell #6	soil	2005-06-07	11:05	2005-06-08
64667	OCD Cell #7	soil	2005-06-07	11:35	2005-06-08
64668	OCD Cell #15	soil	2005-06-07	12:10	2005-06-08
64669	OCD Cell #16	soil	2005-06-07	12:20	2005-06-08
64670	OCD Cell #17	soil	2005-06-07	12:30	2005-06-08
64671	OCD Cell #18	soil	2005-06-07	13:40	2005-06-08

	BTEX				MTBE	TPH DRO	TPH GRO
	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	DRO	GRO
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
64664 - OCD Cell #21	<0.0100	<0.0100	<0.0100	**0.0497**		**512**	**17.7**
64665 - OCD Cell #5	<0.0100	<0.0100	<0.0100	<0.0100		**84.8**	<1.00
64666 - OCD Cell #6	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
64667 - OCD Cell #7	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
64668 - OCD Cell #15	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
64669 - OCD Cell #16	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
64670 - OCD Cell #17	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
64671 - OCD Cell #18	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00

Sample: 64664 - OCD 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		**62.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**62.0**	mg/Kg as CaCo3	4.00
Chloride		**10200**	mg/Kg	1.00
Specific Conductance		**22300**	μMHOS/cm	0.00
pH		**7.91**	s.u.	0.00
Total Calcium		**138000**	mg/Kg	50.0
Total Magnesium		**5490**	mg/Kg	50.0
Total Potassium		**3100**	mg/Kg	50.0
Total Sodium		**8450**	mg/Kg	50.0
Sulfate		**2600**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125

continued ...

sample 64664 continued ...

Param	Flag	Result	Units	RL
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		**0.135**	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 64665 - OCD 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		**64.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**64.0**	mg/Kg as CaCo3	4.00
Chloride		**10.0**	mg/Kg	1.00
Specific Conductance		**333**	μMHOS/cm	0.00
pH		**8.30**	s.u.	0.00
Total Calcium		**73200**	mg/Kg	50.0
Total Magnesium		**2130**	mg/Kg	50.0
Total Potassium		**1450**	mg/Kg	50.0
Total Sodium		**121**	mg/Kg	50.0
Sulfate		**89.4**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.30**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		**0.116**	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 64666 - OCD 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		**74.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**74.0**	mg/Kg as CaCo3	4.00
Chloride		**96.2**	mg/Kg	1.00
Specific Conductance		**1340**	μMHOS/cm	0.00
pH		**8.10**	s.u.	0.00
Total Calcium		**74100**	mg/Kg	50.0
Total Magnesium		**3270**	mg/Kg	50.0
Total Potassium		**2020**	mg/Kg	50.0
Total Sodium		**591**	mg/Kg	50.0
Sulfate		**51.2**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.50**	mg/L	0.100

continued ...

sample 64666 continued ...

Param	Flag	Result	Units	RL
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 64667 - OCD Cell #7

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		**20.0**	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**5710**	mg/Kg as CaCo3	4.00
Total Alkalinity		**5730**	mg/Kg as CaCo3	4.00
Chloride		**9.11**	mg/Kg	1.00
Specific Conductance		**280**	µMHOS/cm	0.00
pH		**8.82**	s.u.	0.00
Total Calcium		**53900**	mg/Kg	50.0
Total Magnesium		**2040**	mg/Kg	50.0
Total Potassium		**1170**	mg/Kg	50.0
Total Sodium		**237**	mg/Kg	50.0
Sulfate		**46.3**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.56**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		**0.118**	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 64668 - OCD Cell #15

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		**62.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**62.0**	mg/Kg as CaCo3	4.00
Chloride		**49.8**	mg/Kg	1.00
Specific Conductance		**549**	µMHOS/cm	0.00
pH		**8.21**	s.u.	0.00
Total Calcium		**29100**	mg/Kg	50.0
Total Magnesium		**3460**	mg/Kg	50.0
Total Potassium		**2320**	mg/Kg	50.0
Total Sodium		**142**	mg/Kg	50.0
Sulfate		**99.0**	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		**0.126**	mg/L	0.100

continued ...

sample 64668 continued ...

Param	Flag	Result	Units	RL
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 64669 - OCD 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		**98.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**98.0**	mg/Kg as CaCo3	4.00
Chloride		**1560**	mg/Kg	1.00
Specific Conductance		**4450**	μMHOS/cm	0.00
pH		**8.28**	s.u.	0.00
Total Calcium		**53400**	mg/Kg	50.0
Total Magnesium		**2650**	mg/Kg	50.0
Total Potassium		**1380**	mg/Kg	50.0
Total Sodium		**2280**	mg/Kg	50.0
Sulfate		**596**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.10**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		**0.120**	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 64670 - OCD Cell #17

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		**44.0**	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**320**	mg/Kg as CaCo3	4.00
Total Alkalinity		**364**	mg/Kg as CaCo3	4.00
Chloride		**159**	mg/Kg	1.00
Specific Conductance		**1830**	μMHOS/cm	0.00
pH		**9.05**	s.u.	0.00
Total Calcium		**340**	mg/Kg	50.0
Total Magnesium		**1110**	mg/Kg	50.0
Total Potassium		**1190**	mg/Kg	50.0
Total Sodium		**1470**	mg/Kg	50.0
Sulfate		**46.4**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.80**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100

continued ...

sample 64670 continued ...

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

Sample: 64671 - OCD 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		**42.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**42.0**	mg/Kg as CaCo3	4.00
Chloride		**122**	mg/Kg	1.00
Specific Conductance		**1240**	μMHOS/cm	0.00
pH		**8.38**	s.u.	0.00
Total Calcium		**83000**	mg/Kg	50.0
Total Magnesium		**3020**	mg/Kg	50.0
Total Potassium		**831**	mg/Kg	50.0
Total Sodium		**370**	mg/Kg	50.0
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.76**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		**0.116**	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
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 was 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, major cations and anions, general chemistry characteristics, and RCRA 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 / Site Photographs / GPS Coordinates

Gandy Marley Land Farm
Quarterly Sampling - 2nd Quarter
06/07/05 By: CmB OCD
Page 1 of 1 By: CmB

Cell #	Time	GPS Coord.	Jpeg photo	NOTES:
OCD 21	0900	NA	NA	Composite Sample drilling Mud
OCD 5	10:30	N 33° 23' 13.3" W 103° 49' 50.0"	1	36" BGS Brown Sand.
OCD 6	11:05	N 33° 23' 10.0" W 103° 49' 51.4"	2	@ 36" BGS Tan Brown Clayey Sand.
OCD 7	11:35	N 33° 23' 14.3" W 103° 49' 54.1"	3	@ 36" BGS Brown Clayey Soil.
OCD 15	12:10	N 33° 23' 13.3" W 103° 50' 11.8"	4	@ 36" BGS Dark Brown Clayey Sand.
OCD 16	12:20	N 33° 23' 09.8" W 103° 50' 13.3"	5	@ 36" BGS Red Clayey Soil.
OCD 17	12:30	N 33° 23' 12.8" W 103° 50' 16.5"	6	@ 36" BGS Red Clayey Soil
OCD 18	13:40	N 33° 23' 06.5" W 103° 50' 18.1"	7	@ 10' BGS Brown Sand

No odor or staining on Any of the samples

Gandy Marley Landfarm (NM-711-1-0020)
SW/4 of Section 4, SE/4of Section 5, NE/4 of Section 8 and the NW/4 of Section 9,
Township 11 South, Range 31 East, NMPM Chaves County, New Mexico
Second Quarter 2005 Soil Sampling June 7, 2005

OCD Cell # 5 Sample
N 33° 23' 13.3"
W 103° 49' 50.0"

OCD Cell # 6 Sample
N 33° 23' 10.0"
W 103° 49' 51.4"

OCD Cell # 7 Sample
N 33° 23' 14.3"
W 103° 49' 54.1"

OCD Cell # 15 Sample
N 33° 23' 13.3"
W 103° 50' 11.8"

OCD Cell # 16 Sample
N 33° 23' 09.8"
W 103° 50' 13.3"

OCD Cell # 17 Sample
N 33° 23' 12.8"
W 103° 50' 16.5"

OCD Cell # 18 Sample
N 33° 23' 06.5"
W 103° 50' 18.1"

Appendix 3
Laboratory Reports

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
155 McCutcheon, Suite H El Paso, Texas 79932 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

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

Report Date: June 15, 2005

Work Order: 5060817

Project Location: Gandy Marley Landfarm
Project Name: Quarterly Sampling (NM-711-1-0020)
Project Number: Gandy Marley Landfarm

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
64664	OCD Cell #21	soil	2005-06-07	09:00	2005-06-08
64665	OCD Cell #5	soil	2005-06-07	10:30	2005-06-08
64666	OCD Cell #6	soil	2005-06-07	11:05	2005-06-08
64667	OCD Cell #7	soil	2005-06-07	11:35	2005-06-08
64668	OCD Cell #15	soil	2005-06-07	12:10	2005-06-08
64669	OCD Cell #16	soil	2005-06-07	12:20	2005-06-08
64670	OCD Cell #17	soil	2005-06-07	12:30	2005-06-08
64671	OCD Cell #18	soil	2005-06-07	13:40	2005-06-08

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 37 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 64664 - OCD Cell #21

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18801	Date Analyzed:	2005-06-10	Analyzed By:	RS
Prep Batch:	16523	Sample Preparation:	2005-06-10	Prepared By:	RS

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		**62.0**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**62.0**	mg/Kg as CaCo3	1	4.00

Sample: 64664 - OCD Cell #21

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18730	Date Analyzed:	2005-06-08	Analyzed By:	KB
Prep Batch:	16472	Sample Preparation:	2005-06-08	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		**0.0497**	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[1]	1.33	mg/Kg	10	0.100	133	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[2]	1.33	mg/Kg	10	0.100	133	36.6 - 112

Sample: 64664 - OCD Cell #21

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18808	Date Analyzed:	2005-06-10	Analyzed By:	WB
Prep Batch:	16532	Sample Preparation:	2005-06-10	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**10200**	mg/Kg	1000	1.00

Sample: 64664 - OCD Cell #21

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18738	Date Analyzed:	2005-06-09	Analyzed By:	RS
Prep Batch:	16479	Sample Preparation:	2005-06-09	Prepared By:	RS

[1] High surrogate recovery due to peak interference.
[2] High surrogate recovery due to peak interference.

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**22300**	µMHOS/cm	1	0.00

Sample: 64664 - OCD Cell #21

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18741	Date Analyzed:	2005-06-09	Analyzed By:	RS
Prep Batch:	16478	Sample Preparation:	2005-06-09	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		**7.91**	s.u.	1	0.00

Sample: 64664 - OCD Cell #21

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18784	Date Analyzed:	2005-06-10	Analyzed By:	TP
Prep Batch:	16492	Sample Preparation:	2005-06-09	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**138000**	mg/Kg	100	50.0
Total Magnesium		**5490**	mg/Kg	10	50.0
Total Potassium		**3100**	mg/Kg	1	50.0
Total Sodium		**8450**	mg/Kg	10	50.0

Sample: 64664 - OCD Cell #21

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18808	Date Analyzed:	2005-06-10	Analyzed By:	WB
Prep Batch:	16532	Sample Preparation:	2005-06-10	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**2600**	mg/Kg	100	2.00

Sample: 64664 - OCD Cell #21

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18768	Date Analyzed:	2005-06-10	Analyzed By:	RR
Prep Batch:	16491	Sample Preparation:	2005-06-09	Prepared By:	DS
		TCLP Extraction:	2005-06-09	Prepared By:	DS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18781	Date Analyzed:	2005-06-10	Analyzed By:	TP
Prep Batch:	16511	Sample Preparation:	2005-06-10	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**1.71**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500
TCLP Chromium		**0.135**		mg/L	1	0.100
TCLP Mercury		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 64664 - OCD Cell #21

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	18721	Date Analyzed:	2005-06-08	Analyzed By:	DS
Prep Batch:	16464	Sample Preparation:	2005-06-08	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
DRO		**512**		mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		140	mg/Kg	1	150	93	62.8 - 115

Sample: 64664 - OCD Cell #21

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	18729	Date Analyzed:	2005-06-08	Analyzed By:	KB
Prep Batch:	16472	Sample Preparation:	2005-06-08	Prepared By:	KB

Parameter	Flag	Result	RL	Units	Dilution	RL
GRO		**17.7**		mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.22	mg/Kg	10	0.100	122	10 - 160
4-Bromofluorobenzene (4-BFB)		1.39	mg/Kg	10	0.100	139	10 - 174

Sample: 64665 - OCD Cell #5

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18801	Date Analyzed:	2005-06-10	Analyzed By:	RS
Prep Batch:	16523	Sample Preparation:	2005-06-10	Prepared By:	RS

Parameter	Flag	Result	RL	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

continued ...

sample 64665 continued...

Parameter	Flag	RL Result	Units	Dilution	RL
Bicarbonate Alkalinity		**64.0**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**64.0**	mg/Kg as CaCo3	1	4.00

Sample: 64665 - OCD Cell #5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18730	Date Analyzed:	2005-06-08	Analyzed By:	KB
Prep Batch:	16472	Sample Preparation:	2005-06-08	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)		1.04	mg/Kg	10	0.100	104	74.5 - 114
4-Bromofluorobenzene (4-BFB)		1.06	mg/Kg	10	0.100	106	36.6 - 112

Sample: 64665 - OCD Cell #5

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18808	Date Analyzed:	2005-06-10	Analyzed By:	WB
Prep Batch:	16532	Sample Preparation:	2005-06-10	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**10.0**	mg/Kg	5	1.00

Sample: 64665 - OCD Cell #5

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18738	Date Analyzed:	2005-06-09	Analyzed By:	RS
Prep Batch:	16479	Sample Preparation:	2005-06-09	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**333**	µMHOS/cm	1	0.00

Sample: 64665 - OCD Cell #5

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18741	Date Analyzed:	2005-06-09	Analyzed By:	RS
Prep Batch:	16478	Sample Preparation:	2005-06-09	Prepared By:	RS

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

Sample: 64665 - OCD Cell #5

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18784	Date Analyzed:	2005-06-10	Analyzed By:	TP
Prep Batch:	16492	Sample Preparation:	2005-06-09	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**73200**		mg/Kg	10	50.0
Total Magnesium		**2130**		mg/Kg	1	50.0
Total Potassium		**1450**		mg/Kg	1	50.0
Total Sodium		**121**		mg/Kg	1	50.0

Sample: 64665 - OCD Cell #5

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18808	Date Analyzed:	2005-06-10	Analyzed By:	WB
Prep Batch:	16532	Sample Preparation:	2005-06-10	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**89.4**		mg/Kg	5	2.00

Sample: 64665 - OCD Cell #5

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18768	Date Analyzed:	2005-06-10	Analyzed By:	RR
Prep Batch:	16491	Sample Preparation:	2005-06-09	Prepared By:	DS
		TCLP Extraction:	2005-06-09	Prepared By:	DS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18781	Date Analyzed:	2005-06-10	Analyzed By:	TP
Prep Batch:	16511	Sample Preparation:	2005-06-10	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**2.30**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500

continued ...

sample 64665 continued...

Parameter	Flag	RL Result	Units	Dilution	RL
TCLP Chromium		**0.116**	mg/L	1	0.100
TCLP Mercury		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 64665 - OCD Cell #5

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	18721	Date Analyzed:	2005-06-08	Analyzed By:	DS
Prep Batch:	16464	Sample Preparation:	2005-06-08	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**84.8**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		153	mg/Kg	1	150	102	62.8 - 115

Sample: 64665 - OCD Cell #5

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	18729	Date Analyzed:	2005-06-08	Analyzed By:	KB
Prep Batch:	16472	Sample Preparation:	2005-06-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.05	mg/Kg	10	0.100	105	10 - 160
4-Bromofluorobenzene (4-BFB)		1.03	mg/Kg	10	0.100	103	10 - 174

Sample: 64666 - OCD Cell #6

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18801	Date Analyzed:	2005-06-10	Analyzed By:	RS
Prep Batch:	16523	Sample Preparation:	2005-06-10	Prepared By:	RS

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		**74.0**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**74.0**	mg/Kg as CaCo3	1	4.00

Sample: 64666 - OCD Cell #6

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18730	Date Analyzed:	2005-06-08	Analyzed By:	KB
Prep Batch:	16472	Sample Preparation:	2005-06-08	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)		1.12	mg/Kg	10	0.100	112	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[3]	1.15	mg/Kg	10	0.100	115	36.6 - 112

Sample: 64666 - OCD Cell #6

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18808	Date Analyzed:	2005-06-10	Analyzed By:	WB
Prep Batch:	16532	Sample Preparation:	2005-06-10	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**96.2**	mg/Kg	5	1.00

Sample: 64666 - OCD Cell #6

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18738	Date Analyzed:	2005-06-09	Analyzed By:	RS
Prep Batch:	16479	Sample Preparation:	2005-06-09	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**1340**	µMHOS/cm	1	0.00

Sample: 64666 - OCD Cell #6

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18741	Date Analyzed:	2005-06-09	Analyzed By:	RS
Prep Batch:	16478	Sample Preparation:	2005-06-09	Prepared By:	RS

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

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

Sample: 64666 - OCD Cell #6

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18784	Date Analyzed:	2005-06-10	Analyzed By:	TP
Prep Batch:	16492	Sample Preparation:	2005-06-09	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**74100**		mg/Kg	10	50.0
Total Magnesium		**3270**		mg/Kg	1	50.0
Total Potassium		**2020**		mg/Kg	1	50.0
Total Sodium		**591**		mg/Kg	1	50.0

Sample: 64666 - OCD Cell #6

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18809	Date Analyzed:	2005-06-10	Analyzed By:	WB
Prep Batch:	16533	Sample Preparation:	2005-06-10	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**51.2**		mg/Kg	5	2.00

Sample: 64666 - OCD Cell #6

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18768	Date Analyzed:	2005-06-10	Analyzed By:	RR
Prep Batch:	16491	Sample Preparation:	2005-06-09	Prepared By:	DS
		TCLP Extraction:	2005-06-09	Prepared By:	DS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18781	Date Analyzed:	2005-06-10	Analyzed By:	TP
Prep Batch:	16511	Sample Preparation:	2005-06-10	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**2.50**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500
TCLP Chromium		<0.100		mg/L	1	0.100
TCLP Mercury		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 64666 - OCD Cell #6

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	18721	Date Analyzed:	2005-06-08	Analyzed By:	DS
Prep Batch:	16464	Sample Preparation:	2005-06-08	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
DRO		<50.0		mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		136	mg/Kg	1	150	91	62.8 - 115

Sample: 64666 - OCD Cell #6

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	18729	Date Analyzed:	2005-06-08	Analyzed By:	KB
Prep Batch:	16472	Sample Preparation:	2005-06-08	Prepared By:	KB

Parameter	Flag	Result	RL	Units	Dilution	RL
GRO		<1.00		mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.14	mg/Kg	10	0.100	114	10 - 160
4-Bromofluorobenzene (4-BFB)		1.12	mg/Kg	10	0.100	112	10 - 174

Sample: 64667 - OCD Cell #7

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18801	Date Analyzed:	2005-06-10	Analyzed By:	RS
Prep Batch:	16523	Sample Preparation:	2005-06-10	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
Hydroxide Alkalinity		<1.00		mg/Kg as CaCo3	1	1.00
Carbonate Alkalinity		**20.0**		mg/Kg as CaCo3	1	1.00
Bicarbonate Alkalinity		**5710**		mg/Kg as CaCo3	1	4.00
Total Alkalinity		**5730**		mg/Kg as CaCo3	1	4.00

Sample: 64667 - OCD Cell #7

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18730	Date Analyzed:	2005-06-08	Analyzed By:	KB
Prep Batch:	16472	Sample Preparation:	2005-06-08	Prepared By:	KB

Parameter	Flag	Result	RL	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)		1.07	mg/Kg	10	0.100	107	74.5 - 114
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	10	0.100	109	36.6 - 112

Sample: 64667 - OCD Cell #7

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18808	Date Analyzed:	2005-06-10	Analyzed By:	WB
Prep Batch:	16532	Sample Preparation:	2005-06-10	Prepared By:	WB

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**9.11**	mg/Kg	5	1.00

Sample: 64667 - OCD Cell #7

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18738	Date Analyzed:	2005-06-09	Analyzed By:	RS
Prep Batch:	16479	Sample Preparation:	2005-06-09	Prepared By:	RS

Parameter	Flag	Result	RL Units	Dilution	RL
Specific Conductance		**280**	µMHOS/cm	1	0.00

Sample: 64667 - OCD Cell #7

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18741	Date Analyzed:	2005-06-09	Analyzed By:	RS
Prep Batch:	16478	Sample Preparation:	2005-06-09	Prepared By:	RS

Parameter	Flag	Result	RL Units	Dilution	RL
pH		**8.82**	s.u.	1	0.00

Sample: 64667 - OCD Cell #7

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18784	Date Analyzed:	2005-06-10	Analyzed By:	TP
Prep Batch:	16492	Sample Preparation:	2005-06-09	Prepared By:	DS

Parameter	Flag	Result	RL Units	Dilution	RL
Total Calcium		**53900**	mg/Kg	10	50.0
Total Magnesium		**2040**	mg/Kg	1	50.0
Total Potassium		**1170**	mg/Kg	1	50.0
Total Sodium		**237**	mg/Kg	1	50.0

Sample: 64667 - OCD Cell #7

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18808	Date Analyzed:	2005-06-10	Analyzed By:	WB
Prep Batch:	16532	Sample Preparation:	2005-06-10	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**46.3**		mg/Kg	5	2.00

Sample: 64667 - OCD Cell #7

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18768	Date Analyzed:	2005-06-10	Analyzed By:	RR
Prep Batch:	16491	Sample Preparation:	2005-06-09	Prepared By:	DS
		TCLP Extraction:	2005-06-09	Prepared By:	DS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18781	Date Analyzed:	2005-06-10	Analyzed By:	TP
Prep Batch:	16511	Sample Preparation:	2005-06-10	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**2.56**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500
TCLP Chromium		**0.118**		mg/L	1	0.100
TCLP Mercury		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 64667 - OCD Cell #7

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	18721	Date Analyzed:	2005-06-08	Analyzed By:	DS
Prep Batch:	16464	Sample Preparation:	2005-06-08	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
DRO		<50.0		mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		160	mg/Kg	1	150	107	62.8 - 115

Sample: 64667 - OCD Cell #7

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	18729	Date Analyzed:	2005-06-08	Analyzed By:	KB
Prep Batch:	16472	Sample Preparation:	2005-06-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[4]	1.65	mg/Kg	10	0.100	165	10 - 160
4-Bromofluorobenzene (4-BFB)		1.06	mg/Kg	10	0.100	106	10 - 174

Sample: 64668 - OCD Cell #15

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18801	Date Analyzed:	2005-06-10	Analyzed By:	RS
Prep Batch:	16523	Sample Preparation:	2005-06-10	Prepared By:	RS

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		**62.0**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**62.0**	mg/Kg as CaCo3	1	4.00

Sample: 64668 - OCD Cell #15

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18730	Date Analyzed:	2005-06-08	Analyzed By:	KB
Prep Batch:	16472	Sample Preparation:	2005-06-08	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)	[5]	1.18	mg/Kg	10	0.100	118	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[6]	1.19	mg/Kg	10	0.100	119	36.6 - 112

Sample: 64668 - OCD Cell #15

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18808	Date Analyzed:	2005-06-10	Analyzed By:	WB
Prep Batch:	16532	Sample Preparation:	2005-06-10	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**49.8**	mg/Kg	5	1.00

[4]High surrogate recovery due to peak interference.
[5]High surrogate recovery. Sample non-detect, result bias high.
[6]High surrogate recovery. Sample non-detect, result bias high.

Sample: 64668 - OCD Cell #15

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18738	Date Analyzed:	2005-06-09	Analyzed By:	RS
Prep Batch:	16479	Sample Preparation:	2005-06-09	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**549**		µMHOS/cm	1	0.00

Sample: 64668 - OCD Cell #15

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18741	Date Analyzed:	2005-06-09	Analyzed By:	RS
Prep Batch:	16478	Sample Preparation:	2005-06-09	Prepared By:	RS

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

Sample: 64668 - OCD Cell #15

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18784	Date Analyzed:	2005-06-10	Analyzed By:	TP
Prep Batch:	16492	Sample Preparation:	2005-06-09	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**29100**		mg/Kg	1	50.0
Total Magnesium		**3460**		mg/Kg	1	50.0
Total Potassium		**2320**		mg/Kg	1	50.0
Total Sodium		**142**		mg/Kg	1	50.0

Sample: 64668 - OCD Cell #15

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18808	Date Analyzed:	2005-06-10	Analyzed By:	WB
Prep Batch:	16532	Sample Preparation:	2005-06-10	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**99.0**		mg/Kg	5	2.00

Sample: 64668 - OCD Cell #15

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18768	Date Analyzed:	2005-06-10	Analyzed By:	RR
Prep Batch:	16491	Sample Preparation:	2005-06-09	Prepared By:	DS
		TCLP Extraction:	2005-06-09	Prepared By:	DS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18781	Date Analyzed:	2005-06-10	Analyzed By:	TP
Prep Batch:	16511	Sample Preparation:	2005-06-10	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**1.79**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500
TCLP Chromium		**0.126**		mg/L	1	0.100
TCLP Mercury		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 64668 - OCD Cell #15

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	18721	Date Analyzed:	2005-06-08	Analyzed By:	DS
Prep Batch:	16464	Sample Preparation:	2005-06-08	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
DRO		<50.0		mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		114	mg/Kg	1	150	76	62.8 - 115

Sample: 64668 - OCD Cell #15

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	18729	Date Analyzed:	2005-06-08	Analyzed By:	KB
Prep Batch:	16472	Sample Preparation:	2005-06-08	Prepared By:	KB

Parameter	Flag	Result	RL	Units	Dilution	RL
GRO		<1.00		mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[7]	2.00	mg/Kg	10	0.100	200	10 - 160
4-Bromofluorobenzene (4-BFB)		1.15	mg/Kg	10	0.100	115	10 - 174

[7]High surrogate recovery due to peak interference.

Sample: 64669 - OCD Cell #16

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18801	Date Analyzed:	2005-06-10	Analyzed By:	RS
Prep Batch:	16523	Sample Preparation:	2005-06-10	Prepared By:	RS

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		**98.0**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**98.0**	mg/Kg as CaCo3	1	4.00

Sample: 64669 - OCD Cell #16

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18730	Date Analyzed:	2005-06-08	Analyzed By:	KB
Prep Batch:	16472	Sample Preparation:	2005-06-08	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)		1.06	mg/Kg	10	0.100	106	74.5 - 114
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	36.6 - 112

Sample: 64669 - OCD Cell #16

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18808	Date Analyzed:	2005-06-10	Analyzed By:	WB
Prep Batch:	16532	Sample Preparation:	2005-06-10	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**1560**	mg/Kg	100	1.00

Sample: 64669 - OCD Cell #16

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18738	Date Analyzed:	2005-06-09	Analyzed By:	RS
Prep Batch:	16479	Sample Preparation:	2005-06-09	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**4450**	µMHOS/cm	1	0.00

Sample: 64669 - OCD Cell #16

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18741	Date Analyzed:	2005-06-09	Analyzed By:	RS
Prep Batch:	16478	Sample Preparation:	2005-06-09	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**8.28**		s.u.	1	0.00

Sample: 64669 - OCD Cell #16

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18784	Date Analyzed:	2005-06-10	Analyzed By:	TP
Prep Batch:	16492	Sample Preparation:	2005-06-09	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**53400**		mg/Kg	10	50.0
Total Magnesium		**2650**		mg/Kg	1	50.0
Total Potassium		**1380**		mg/Kg	1	50.0
Total Sodium		**2280**		mg/Kg	1	50.0

Sample: 64669 - OCD Cell #16

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18808	Date Analyzed:	2005-06-10	Analyzed By:	WB
Prep Batch:	16532	Sample Preparation:	2005-06-10	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**596**		mg/Kg	100	2.00

Sample: 64669 - OCD Cell #16

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18768	Date Analyzed:	2005-06-10	Analyzed By:	RR
Prep Batch:	16491	Sample Preparation:	2005-06-09	Prepared By:	DS
		TCLP Extraction:	2005-06-09	Prepared By:	DS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18781	Date Analyzed:	2005-06-10	Analyzed By:	TP
Prep Batch:	16511	Sample Preparation:	2005-06-10	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**2.10**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500

continued ...

sample 64669 continued...

Parameter	Flag	RL Result	Units	Dilution	RL
TCLP Chromium		**0.120**	mg/L	1	0.100
TCLP Mercury		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 64669 - OCD Cell #16

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	18721	Date Analyzed:	2005-06-08	Analyzed By:	DS
Prep Batch:	16464	Sample Preparation:	2005-06-08	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		136	mg/Kg	1	150	91	62.8 - 115

Sample: 64669 - OCD Cell #16

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	18729	Date Analyzed:	2005-06-08	Analyzed By:	KB
Prep Batch:	16472	Sample Preparation:	2005-06-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[8]	1.63	mg/Kg	10	0.100	163	10 - 160
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	10	0.100	102	10 - 174

Sample: 64670 - OCD Cell #17

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18801	Date Analyzed:	2005-06-10	Analyzed By:	RS
Prep Batch:	16523	Sample Preparation:	2005-06-10	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1	1.00
Carbonate Alkalinity		**44.0**	mg/Kg as CaCo3	1	1.00
Bicarbonate Alkalinity		**320**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**364**	mg/Kg as CaCo3	1	4.00

[8]High surrogate recovery due to peak interference.

Sample: 64670 - OCD Cell #17

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18730	Date Analyzed:	2005-06-08	Analyzed By:	KB
Prep Batch:	16472	Sample Preparation:	2005-06-08	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)	[9]	1.17	mg/Kg	10	0.100	117	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[10]	1.17	mg/Kg	10	0.100	117	36.6 - 112

Sample: 64670 - OCD Cell #17

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18809	Date Analyzed:	2005-06-10	Analyzed By:	WB
Prep Batch:	16533	Sample Preparation:	2005-06-10	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**159**	mg/Kg	5	1.00

Sample: 64670 - OCD Cell #17

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18738	Date Analyzed:	2005-06-09	Analyzed By:	RS
Prep Batch:	16479	Sample Preparation:	2005-06-09	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**1830**	µMHOS/cm	1	0.00

Sample: 64670 - OCD Cell #17

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18741	Date Analyzed:	2005-06-09	Analyzed By:	RS
Prep Batch:	16478	Sample Preparation:	2005-06-09	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		**9.05**	s.u.	1	0.00

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

Sample: 64670 - OCD Cell #17

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18784	Date Analyzed:	2005-06-10	Analyzed By:	TP
Prep Batch:	16492	Sample Preparation:	2005-06-09	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**340**		mg/Kg	1	50.0
Total Magnesium		**1110**		mg/Kg	1	50.0
Total Potassium		**1190**		mg/Kg	1	50.0
Total Sodium		**1470**		mg/Kg	1	50.0

Sample: 64670 - OCD Cell #17

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18809	Date Analyzed:	2005-06-10	Analyzed By:	WB
Prep Batch:	16533	Sample Preparation:	2005-06-10	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**46.4**		mg/Kg	5	2.00

Sample: 64670 - OCD Cell #17

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18768	Date Analyzed:	2005-06-10	Analyzed By:	RR
Prep Batch:	16491	Sample Preparation:	2005-06-09	Prepared By:	DS
		TCLP Extraction:	2005-06-09	Prepared By:	DS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18781	Date Analyzed:	2005-06-10	Analyzed By:	TP
Prep Batch:	16511	Sample Preparation:	2005-06-10	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**1.80**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500
TCLP Chromium		<0.100		mg/L	1	0.100
TCLP Mercury		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 64670 - OCD Cell #17

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	18721	Date Analyzed:	2005-06-08	Analyzed By:	DS
Prep Batch:	16464	Sample Preparation:	2005-06-08	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		135	mg/Kg	1	150	90	62.8 - 115

Sample: 64670 - OCD Cell #17

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	18729	Date Analyzed:	2005-06-08	Analyzed By:	KB
Prep Batch:	16472	Sample Preparation:	2005-06-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[1]	1.82	mg/Kg	10	0.100	182	10 - 160
4-Bromofluorobenzene (4-BFB)		1.14	mg/Kg	10	0.100	114	10 - 174

Sample: 64671 - OCD Cell #18

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18801	Date Analyzed:	2005-06-10	Analyzed By:	RS
Prep Batch:	16523	Sample Preparation:	2005-06-10	Prepared By:	RS

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: 64671 - OCD Cell #18

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18730	Date Analyzed:	2005-06-08	Analyzed By:	KB
Prep Batch:	16472	Sample Preparation:	2005-06-08	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

[1] High surrogate recovery due to peak interference.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[12]	1.17	mg/Kg	10	0.100	117	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[13]	1.16	mg/Kg	10	0.100	116	36.6 - 112

Sample: 64671 - OCD Cell #18

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18809	Date Analyzed:	2005-06-10	Analyzed By:	WB
Prep Batch:	16533	Sample Preparation:	2005-06-10	Prepared By:	WB

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**122**	mg/Kg	5	1.00

Sample: 64671 - OCD Cell #18

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18738	Date Analyzed:	2005-06-09	Analyzed By:	RS
Prep Batch:	16479	Sample Preparation:	2005-06-09	Prepared By:	RS

Parameter	Flag	Result	RL Units	Dilution	RL
Specific Conductance		**1240**	µMHOS/cm	1	0.00

Sample: 64671 - OCD Cell #18

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18741	Date Analyzed:	2005-06-09	Analyzed By:	RS
Prep Batch:	16478	Sample Preparation:	2005-06-09	Prepared By:	RS

Parameter	Flag	Result	RL Units	Dilution	RL
pH		**8.38**	s.u.	1	0.00

Sample: 64671 - OCD Cell #18

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18784	Date Analyzed:	2005-06-10	Analyzed By:	TP
Prep Batch:	16492	Sample Preparation:	2005-06-09	Prepared By:	DS

Parameter	Flag	Result	RL Units	Dilution	RL
Total Calcium		**83000**	mg/Kg	10	50.0
Total Magnesium		**3020**	mg/Kg	1	50.0
Total Potassium		**831**	mg/Kg	1	50.0
Total Sodium		**370**	mg/Kg	1	50.0

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

Sample: 64671 - OCD Cell #18

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18870	Date Analyzed:	2005-06-14	Analyzed By:	WB
Prep Batch:	16587	Sample Preparation:	2005-06-14	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**585**		mg/Kg	50	2.00

Sample: 64671 - OCD Cell #18

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18768	Date Analyzed:	2005-06-10	Analyzed By:	RR
Prep Batch:	16491	Sample Preparation:	2005-06-09	Prepared By:	DS
		TCLP Extraction:	2005-06-09	Prepared By:	DS
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18781	Date Analyzed:	2005-06-10	Analyzed By:	TP
Prep Batch:	16511	Sample Preparation:	2005-06-10	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**1.76**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500
TCLP Chromium		**0.116**		mg/L	1	0.100
TCLP Mercury		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 64671 - OCD Cell #18

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	18721	Date Analyzed:	2005-06-08	Analyzed By:	DS
Prep Batch:	16464	Sample Preparation:	2005-06-08	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
DRO		<50.0		mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		140	mg/Kg	1	150	94	62.8 - 115

Sample: 64671 - OCD Cell #18

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	18729	Date Analyzed:	2005-06-08	Analyzed By:	KB
Prep Batch:	16472	Sample Preparation:	2005-06-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[14]	1.79	mg/Kg	10	0.100	179	10 - 160
4-Bromofluorobenzene (4-BFB)		1.13	mg/Kg	10	0.100	113	10 - 174

Method Blank (1) QC Batch: 18721

Parameter	Flag	MDL Result	Units	RL
DRO		<7.24	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		128	mg/Kg	1	150	85	62.8 - 115

Method Blank (1) QC Batch: 18729

Parameter	Flag	MDL Result	Units	RL
GRO		2.10	mg/Kg	0.1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.00	mg/Kg	10	0.100	100	81.8 - 109
4-Bromofluorobenzene (4-BFB)		0.926	mg/Kg	10	0.100	93	50.7 - 113

Method Blank (1) QC Batch: 18730

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00333	mg/Kg	0.001
Toluene		<0.00353	mg/Kg	0.001
Ethylbenzene		<0.00339	mg/Kg	0.001
Xylene		<0.0103	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.973	mg/Kg	10	0.100	97	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.949	mg/Kg	10	0.100	95	36.6 - 112

Method Blank (1) QC Batch: 18738

[14] *High surrogate recovery due to peak interference.*

Parameter	Flag	MDL Result	Units	RL
Specific Conductance		2.00	µMHOS/cm	

Method Blank (1) QC Batch: 18768

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: 18781

Parameter	Flag	MDL Result	Units	RL
TCLP Mercury		<0.000102	mg/L	0.01

Method Blank (1) QC Batch: 18784

Parameter	Flag	MDL Result	Units	RL
Total Calcium		<0.642	mg/Kg	50
Total Magnesium		<6.42	mg/Kg	50
Total Potassium		<1.66	mg/Kg	50
Total Sodium		<1.74	mg/Kg	50

Method Blank (1) QC Batch: 18801

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

Matrix Blank (1) QC Batch: 18808

Parameter	Flag	MDL Result	Units	RL
Chloride		1.69	mg/Kg	1

Matrix Blank (1) QC Batch: 18808

Parameter	Flag	MDL Result	Units	RL
Sulfate		1.13	mg/Kg	2

Matrix Blank (1) QC Batch: 18809

Parameter	Flag	MDL Result	Units	RL
Chloride		1.71	mg/Kg	1

Matrix Blank (1) QC Batch: 18809

Parameter	Flag	MDL Result	Units	RL
Sulfate		1.13	mg/Kg	2

Matrix Blank (1) QC Batch: 18870

Parameter	Flag	MDL Result	Units	RL
Sulfate		1.36	mg/Kg	2

Duplicate (1) QC Batch: 18738

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Specific Conductance	1260	1240	µMHOS/cm	1	2	2

Duplicate (1) QC Batch: 18741

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
pH	8.39	8.38	s.u.	1	0	0.4

Duplicate (1) QC Batch: 18801

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	20.0	20.0	mg/Kg as CaCo3	1	0	20
Bicarbonate Alkalinity	5600	5710	mg/Kg as CaCo3	1	2	20

continued ...

duplicate continued . . .

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Total Alkalinity	5620	5730	mg/Kg as CaCo3	1	2	20

Laboratory Control Spike (LCS-1) QC Batch: 18721

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
DRO	226	219	mg/Kg	1	250	<7.24	90	3	68.4 - 128	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
n-Triacontane	140	141	mg/Kg	1	150	93	94	62.8 - 115

Laboratory Control Spike (LCS-1) QC Batch: 18729

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	10.2	10.2	mg/Kg	10	1.00	<0.381	102	0	72 - 124	21

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)	0.990	0.975	mg/Kg	10	0.100	99	98	80.4 - 113
4-Bromofluorobenzene (4-BFB)	0.991	0.996	mg/Kg	10	0.100	99	100	72.2 - 119

Laboratory Control Spike (LCS-1) QC Batch: 18730

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	1.01	1.01	mg/Kg	10	0.100	<0.0333	101	0	79.8 - 114	20
Toluene	1.01	1.01	mg/Kg	10	0.100	<0.0353	101	0	79.7 - 115	20
Ethylbenzene	1.03	1.03	mg/Kg	10	0.100	<0.0339	103	0	78.7 - 116	20
Xylene	3.07	3.07	mg/Kg	10	0.300	<0.103	102	0	78.7 - 118	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)	0.946	0.972	mg/Kg	10	0.100	95	97	76.6 - 114
4-Bromofluorobenzene (4-BFB)	0.966	0.989	mg/Kg	10	0.100	97	99	72 - 111

Laboratory Control Spike (LCS-1) QC Batch: 18768

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Silver	1.15	1.15	mg/L	1	1.25	<0.00780	92	0	86.3 - 107	20
TCLP Arsenic	4.83	4.78	mg/L	1	5.00	<0.0590	97	1	81.9 - 115	20
TCLP Barium	10.8	10.8	mg/L	1	10.0	<0.00340	108	0	88.1 - 115	20
TCLP Cadmium	2.52	2.37	mg/L	1	2.50	<0.00270	101	6	79.8 - 114	20
TCLP Chromium	1.02	1.02	mg/L	1	1.00	<0.00660	102	0	75 - 125	20
TCLP Lead	4.93	4.74	mg/L	1	5.00	<0.0370	99	4	81.9 - 115	20
TCLP Selenium	4.34	4.33	mg/L	1	5.00	<0.100	87	0	78.9 - 106	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: 18781

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Mercury	0.00562	0.00571	mg/L	1	0.00500	<0.000102	112	2	82.3 - 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: 18784

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Calcium	4970	4960	mg/Kg	100	50.0	<64.2	99	0	75 - 125	20
Total Magnesium	4930	4830	mg/Kg	100	50.0	<642	99	2	75 - 125	20
Total Potassium	4870	4840	mg/Kg	100	50.0	<166	97	1	75 - 125	20
Total Sodium	4970	4910	mg/Kg	100	50.0	<174	99	1	75 - 125	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: 18808

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	12.9	12.9	mg/Kg	1	12.5	1.69	90	0	90 - 110	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: 18808

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	12.9	12.8	mg/Kg	1	12.5	1.13	94	1	90 - 110	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: 18809

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	12.9	12.9	mg/Kg	1	12.5	1.71	90	0	90 - 110	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: 18809

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	12.9	12.9	mg/Kg	1	12.5	1.13	94	0	90 - 110	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: 18870

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	13.5	13.5	mg/Kg	1	12.5	1.36	97	0	90 - 110	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: 18721 Spiked Sample: 64519

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
DRO	227	238	mg/Kg	1	250	<7.24	91	5	51.3 - 133	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
n-Triacontane	136	134	mg/Kg	1	150	91	89	62.8 - 115

Matrix Spike (MS-1) QC Batch: 18729 Spiked Sample: 64665

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	10.4	10.0	mg/Kg	10	1.00	<0.381	104	4	10 - 182	19.6

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)	0.906	0.864	mg/Kg	10	0.1	91	86	10 - 160
4-Bromofluorobenzene (4-BFB)	1.07	1.04	mg/Kg	10	0.1	107	104	10 - 174

Matrix Spike (MS-1) QC Batch: 18730 Spiked Sample: 64665

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.875	0.801	mg/Kg	10	0.100	<0.0333	88	9	63.5 - 98.6	20
Toluene	0.907	0.823	mg/Kg	10	0.100	<0.0353	91	10	65.8 - 102	20
Ethylbenzene	0.960	0.871	mg/Kg	10	0.100	<0.0339	96	10	66.6 - 106	20
Xylene	2.88	2.59	mg/Kg	10	0.300	<0.103	96	11	67.4 - 108	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)	0.903	0.841	mg/Kg	10	0.1	90	84	60.1 - 104
4-Bromofluorobenzene (4-BFB)	0.928	0.863	mg/Kg	10	0.1	93	86	63.1 - 105

Matrix Spike (MS-1) QC Batch: 18768 Spiked Sample: 64664

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Silver	1.15	1.15	mg/L	1	1.25	<0.00780	92	0	81.1 - 118	20
TCLP Arsenic	4.68	4.81	mg/L	1	5.00	<0.0590	94	3	87.8 - 111	20
TCLP Barium	10.6	10.8	mg/L	1	10.0	1.75	88	2	87.9 - 101	20
TCLP Cadmium	2.23	2.30	mg/L	1	2.50	<0.00270	89	3	82.2 - 107	20
TCLP Chromium	1.09	1.07	mg/L	1	1.00	0.135	96	2	75 - 125	20
TCLP Lead	4.47	4.66	mg/L	1	5.00	<0.0370	89	4	84.7 - 106	20
TCLP Selenium	4.23	4.36	mg/L	1	5.00	<0.100	85	3	80.6 - 103	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: 18781 Spiked Sample: 64136

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Mercury	0.00543	0.00542	mg/L	1	0.00500	<0.000102	109	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: 18784 Spiked Sample: 64664

Param		MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Calcium	[15][16]	138000	160000	mg/Kg	100	50.0	138000	0	15	75 - 125	20
Total Magnesium		10300	9390	mg/Kg	100	50.0	5490	96	9	75 - 125	20
Total Potassium		8320	8990	mg/Kg	100	50.0	3100	104	8	75 - 125	20
Total Sodium		13400	13000	mg/Kg	100	50.0	8450	99	3	75 - 125	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: 18808 Spiked Sample: 64669

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

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	2720	2740	mg/Kg	100	12.5	1557	93	1	60.9 - 143	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: 18808 Spiked Sample: 64669

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	1780	1790	mg/Kg	100	12.5	596	95	1	89.8 - 112	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: 18809 Spiked Sample: 64519

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	4560	4570	mg/Kg	100	12.5	3442	89	0	60.9 - 143	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: 18809 Spiked Sample: 64519

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	1870	1870	mg/Kg	100	12.5	681	95	0	89.8 - 112	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: 18870 Spiked Sample: 65212

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	2090	2120	mg/Kg	100	12.5	861	98	1	89.8 - 112	20

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

Standard (ICV-1) QC Batch: 18721

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	296	118	75 - 125	2005-06-08

Standard (CCV-1) QC Batch: 18721

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	250	100	75 - 125	2005-06-08

Standard (CCV-2) QC Batch: 18721

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	235	94	75 - 125	2005-06-08

Standard (ICV-1) QC Batch: 18729

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	1.00	100	85 - 115	2005-06-08

Standard (CCV-1) QC Batch: 18729

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	0.926	93	85 - 115	2005-06-08

Standard (ICV-1) QC Batch: 18730

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.100	100	85 - 115	2005-06-08
Toluene		mg/Kg	0.100	0.0999	100	85 - 115	2005-06-08
Ethylbenzene		mg/Kg	0.100	0.102	102	85 - 115	2005-06-08
Xylene		mg/Kg	0.300	0.303	101	85 - 115	2005-06-08

Standard (CCV-1) QC Batch: 18730

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.104	104	85 - 115	2005-06-08
Toluene		mg/Kg	0.100	0.104	104	85 - 115	2005-06-08
Ethylbenzene		mg/Kg	0.100	0.105	105	85 - 115	2005-06-08
Xylene		mg/Kg	0.300	0.312	104	85 - 115	2005-06-08

Standard (ICV-1) QC Batch: 18738

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		µMHOS/cm	1410	1410	100	90 - 110	2005-06-09

Standard (CCV-1) QC Batch: 18738

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		µMHOS/cm	1410	1360	96	90 - 110	2005-06-09

Standard (ICV-1) QC Batch: 18741

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	7.12	102	98 - 102	2005-06-09

Standard (CCV-1) QC Batch: 18741

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	7.10	101	98 - 102	2005-06-09

Standard (ICV-1) QC Batch: 18768

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Silver		mg/L	0.125	0.124	99	90 - 110	2005-06-10
TCLP Arsenic		mg/L	1.00	0.998	100	90 - 110	2005-06-10
TCLP Barium		mg/L	1.00	1.01	101	90 - 110	2005-06-10
TCLP Cadmium		mg/L	1.00	1.00	100	90 - 110	2005-06-10
TCLP Chromium		mg/L	1.00	1.01	101	90 - 110	2005-06-10
TCLP Lead		mg/L	1.00	1.00	100	90 - 110	2005-06-10
TCLP Selenium		mg/L	1.00	0.998	100	90 - 110	2005-06-10

Standard (CCV-1) QC Batch: 18768

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Silver		mg/L	0.125	0.124	99	90 - 110	2005-06-10
TCLP Arsenic		mg/L	1.00	1.01	101	90 - 110	2005-06-10
TCLP Barium		mg/L	1.00	1.00	100	90 - 110	2005-06-10
TCLP Cadmium		mg/L	1.00	1.00	100	90 - 110	2005-06-10
TCLP Chromium		mg/L	1.00	1.01	101	90 - 110	2005-06-10

continued ...

standard continued . . .

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Lead		mg/L	1.00	1.01	101	90 - 110	2005-06-10
TCLP Selenium		mg/L	1.00	1.01	101	90 - 110	2005-06-10

Standard (ICV-1) QC Batch: 18781

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Mercury		mg/L	0.00500	0.00513	103	90 - 110	2005-06-10

Standard (CCV-1) QC Batch: 18781

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Mercury		mg/L	0.00500	0.00485	97	80 - 120	2005-06-10

Standard (ICV-1) QC Batch: 18784

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Calcium		mg/Kg	50.0	49.7	99	90 - 110	2005-06-10
Total Magnesium		mg/Kg	50.0	50.8	102	90 - 110	2005-06-10
Total Potassium		mg/Kg	50.0	51.7	103	90 - 110	2005-06-10
Total Sodium		mg/Kg	50.0	51.7	103	90 - 110	2005-06-10

Standard (CCV-1) QC Batch: 18784

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Calcium		mg/Kg	50.0	52.8	106	90 - 110	2005-06-10
Total Magnesium		mg/Kg	50.0	51.2	102	90 - 110	2005-06-10
Total Potassium		mg/Kg	50.0	49.8	100	90 - 110	2005-06-10
Total Sodium		mg/Kg	50.0	51.4	103	90 - 110	2005-06-10

Standard (ICV-1) QC Batch: 18801

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/Kg as CaCo3	250	240	96	90 - 110	2005-06-10

Standard (CCV-1) QC Batch: 18801

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	2005-06-10

Standard (ICV-1) QC Batch: 18808

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	2005-06-10

Standard (ICV-1) QC Batch: 18808

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	11.9	95	90 - 110	2005-06-10

Standard (CCV-1) QC Batch: 18808

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	2005-06-10

Standard (CCV-1) QC Batch: 18808

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	11.9	95	90 - 110	2005-06-10

Standard (ICV-1) QC Batch: 18809

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	2005-06-10

Standard (ICV-1) QC Batch: 18809

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	11.9	95	90 - 110	2005-06-10

Standard (CCV-1) QC Batch: 18809

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	2005-06-10

Standard (CCV-1) QC Batch: 18809

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	11.9	95	90 - 110	2005-06-10

Standard (ICV-1) QC Batch: 18870

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	12.2	98	90 - 110	2005-06-14

Standard (CCV-1) QC Batch: 18870

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	2005-06-14

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296
email: lab@traceanalysis.com

TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5060817

Company Name: Gandy Marley, Inc — Phone #: 505-347-0434
Address: (Street, City, Zip) PO Box 1658 Roswell NM 88202 — Fax #: 505-347-0435 — e-mail: gandy2@leaco.net
Contact Person: Mike Marley or Larry Gandy.
Invoice to: (If different from above)
Project #: Quarterly Sampling (NM-711-1-0020) — Project Name: Gandy Marley Landfarm
Project Location: Gandy Marley Landfarm Chaves Co NM — Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
64664	Composite Drilling OCD Cell #21 Mud	3	4oz		X								X	06/07/05	0900
65	OCD Cell #5	2	4oz		X								X	06/07/05	1030
66	OCD Cell #6	2	4oz		X								X	06/07/05	11:15
67	OCD Cell #7	2	4oz		X								X	06/07/05	11:35
68	OCD Cell #15	2	4oz		X								X	06/07/05	12:10
69	OCD Cell #16	2	4oz		X								X	06/07/05	12:20
70	OCD Cell #17	2	4oz		X								X	06/07/05	12:30
71	OCD Cell #18	2	4oz		X								X	06/07/05	13:40
	Temp Blank														

	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol 8260B/624	GC/MS Semi Vol 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD TSS pH	Moisture Content	Turnaround Time if different from standard	Hold
			GRO/DRO														Na, Ca, Mg, K, Conductivity, Total Alkalinity, Cl, SO4, Mg, TDS, pH	X	

Relinquished by: — Date: 06/07/05 — Time: 15:50 — Received by: — Date: — Time:
Relinquished by: — Date: — Time: — Received by: — Date: — Time:
Relinquished by: — Date: — Time: — Received at Laboratory by: Jerri Hyder — Date: 6/8/05 — Time: 10:20

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 1.4 °
Log-in Review

REMARKS: Bill GMI Directly Send Copy of Results ASAP To cmbenvinc@tm.com

- ☐ Dry Weight Basis Required
- ☐ TRRP Report Required
- ☐ Check If Special Reporting Limits Are Needed

Carrier # UPS - 17-762 46E 22 1002 1127

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

ORIGINAL COPY

June 23, 2005

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 2005
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-711-1-0020)

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 PTB 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.
NMOCD District II Office, Artesia, NM

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-711-1-0020**

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, CMB Environmental & Geological Services, Inc.

7. Date of report: **June 23, 2005**

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. 12/31/05

Date: 06/23/2005

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-711-1-0020 (Gandy Marley Inc., 1995 approved by the New Mexico Energy, Minerals, & Natural Resources Department Oil Conservation Division (NMOCD) Environmental Bureau on January 27, 1995.

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-711-1-0020. The commercial landfarm is being managed in accordance with the NMOCD approved Commercial Landfarm Permit NM-711-1-0020. 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 2005 consists of collecting confirmation soil samples beneath all site cells being actively landfarmed, analyzing the subsurface soil samples for total petroleum hydrocarbons (TPH), BTEX, general chemistry characteristics, major Cations & Anions, and RCRA 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-711-1-0020.

The soil sampling and monitor well sampling adequately monitored the vadose zone beneath the facility. Table 1 contains Trace Analysis Lab Sample Summary Reports of cell soil samples taken beneath cells 15, 16, 17, 18, 19, & 20 and groundwater analysis from water samples taken from Monitor Wells 1 & 2. Appendix 3 contains the complete analytical results for soils sampled in Cells 1-14.

The sampling protocol for the monitoring activities can be found in Appendix 1. Appendix 2 contains field notes, Monitor Well Purge Data Forms, site photographs, and GPS Coordinates of sample points for this monitoring event, and laboratory analysis reports of soil samples and groundwater samples are in Appendix 3.

B. Quarter Highlights

Fourth quarter monitoring was performed on May10, 2005, May 12, 2005 and May 16, 2005. This quarter's monitoring activities include the following:

- Collection of Remediation Cell Soil samples from landfarm remediation cells # 1- 20 for laboratory analysis of the parameters outlined in section A above; and collection of groundwater samples from two new monitor wells installed on site.

- 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, hydroxide Alkalinity, Carbonate Alkalinity, Bicarbonate Alkalinity, Total Alkalinity, Total Calcium, Chloride, Specific Conductance, Total Potassium, Total Magnesium, Total Sodium , pH, Sulfate, and TCLP Metals. Monitor Well groundwater samples were analyzed for Hydroxide Alkalinity, Carbonate Alkalinity, Bicarbonate Alkalinity, Total Alkalinity, Chloride, Specific Conductance, Nitrate-N, Nitrite-N, pH, Sulfate, Total Dissolved Solids, Cations, Semi-Volatiles 8270C, RCRA TCLP Metals, TPH DRO / GRP MOD 8015, and Volatiles 8260B.

The soil sampling and monitor well sampling adequately monitored the vadose zone beneath the facility. Field parameters included site photographs, a lithologic description of the soil samples, and GPS location coordinates of the soil samples and monitor wells. Field Notes and Monitor Well purge data forms are found in Appendix 2. Soil Sample and Monitor Well groundwater laboratory summary results, 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 Landfarm Cells # 1, 2, 3, 4, 5,6,7, 8, 9, 10, 11, 12, 13, 14, 15,16,17, and 19 show the remediated soils in the cells to contain less than <0.0500 PPM BTEX, TCLP Metal concentrations, and <2500 PPM TPH. Chlorides concentrations are below 250 PPM in all cells with the exception of Cell #'s 2, 16, 17, 18, 19, 20, & 21. Cells 18, 20, and 21 are presently accepting 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. 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 - 130' feet below ground surface, and has a total dissolved solids concentration of approximately 8970 milligrams per liter.

Groundwater samples from Monitor Wells 1 & 2, were extensively analyzed, and show no detectable TCLP metal contamination, nor any detectable volatile or semi-volatile organic chemical compounds to be found in the groundwater beneath the site. The first water / or aquifer underlying the site is a small perched aquifer, lying on top of a fat dense impermeable clay, with high natural chloride concentrations and a high total dissolved solids concentration. The aquifer is not a sustainable water supply for any other purpose than monitor well / groundwater monitoring. The monitor wells quickly bail dry and have very low recharge rates. The water is of very poor quality. There has never been any leaching of contaminated media into the groundwater underlying the facility.

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 < 0.03 PPM, TPH Concentrations <500.0 PPM, Acceptable TCLP concentrations, general soil chemistry parameters, and major anion and cation concentrations.

LIST OF FIGURES

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

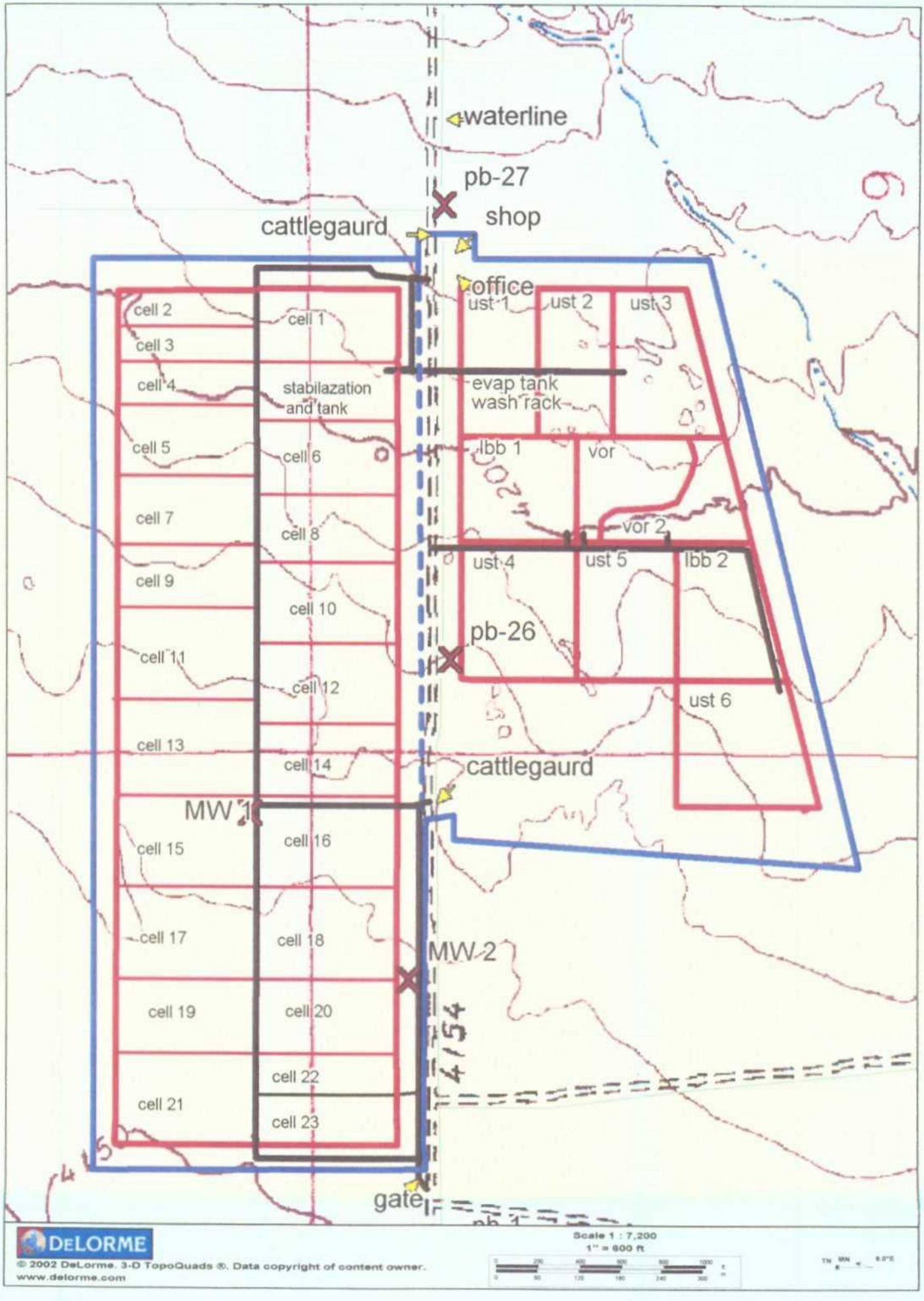
LIST OF TABLES

Table		Included	N/A
1	Lab Analysis Summary Reports of Cell Soil Samples and Monitor Well Analyses	X	

LIST OF APPENDICES

Appendix		**Included**	**N/A**
1	Sampling Protocol	X	
2	Field Notes / Monitor Well Data Forms / Site Photographs / GPS Coordinates of samples	X	
3	Laboratory Reports	X	

Figures:
Site Maps / Sample Locations


waterline
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cell 13
cell 14
cattlegaurd
MW 1
cell 15
cell 16
cell 17
cell 18
MW 2
cell 19
cell 20
cell 22
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cell 23
gate
DeLORME
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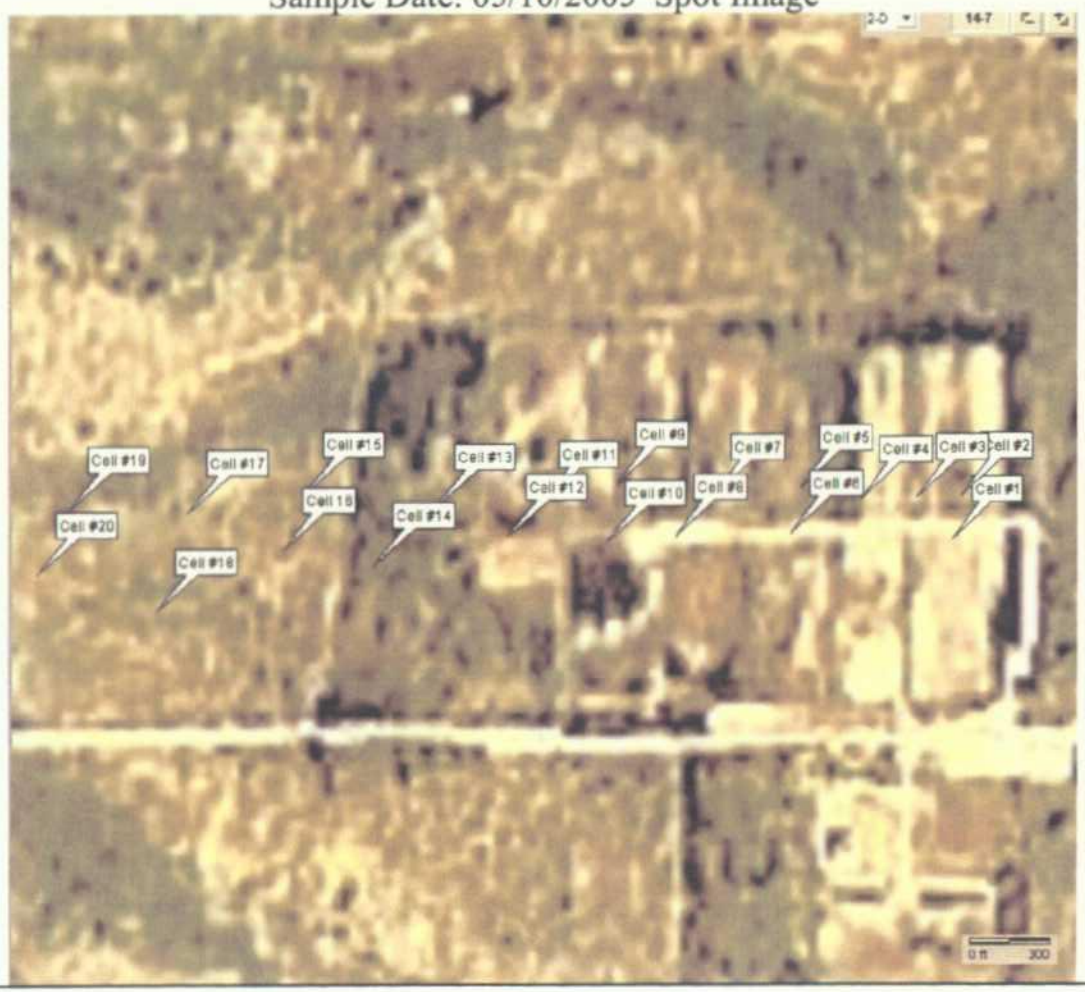
www.delorme.com
Scale 1 : 7,200
1" = 600 ft

NMOCD/Gandy-Marley Land Farm

Quarterly Sampling 2005

First Quarter Sampling

Sample Date: 05/10/2005 Spot Image



NMOCD/Gandy-Marley Land Farm

Quarterly Sampling 2005

First Quarter Sampling

Sample Date: 05/10/2005 Topographic Map

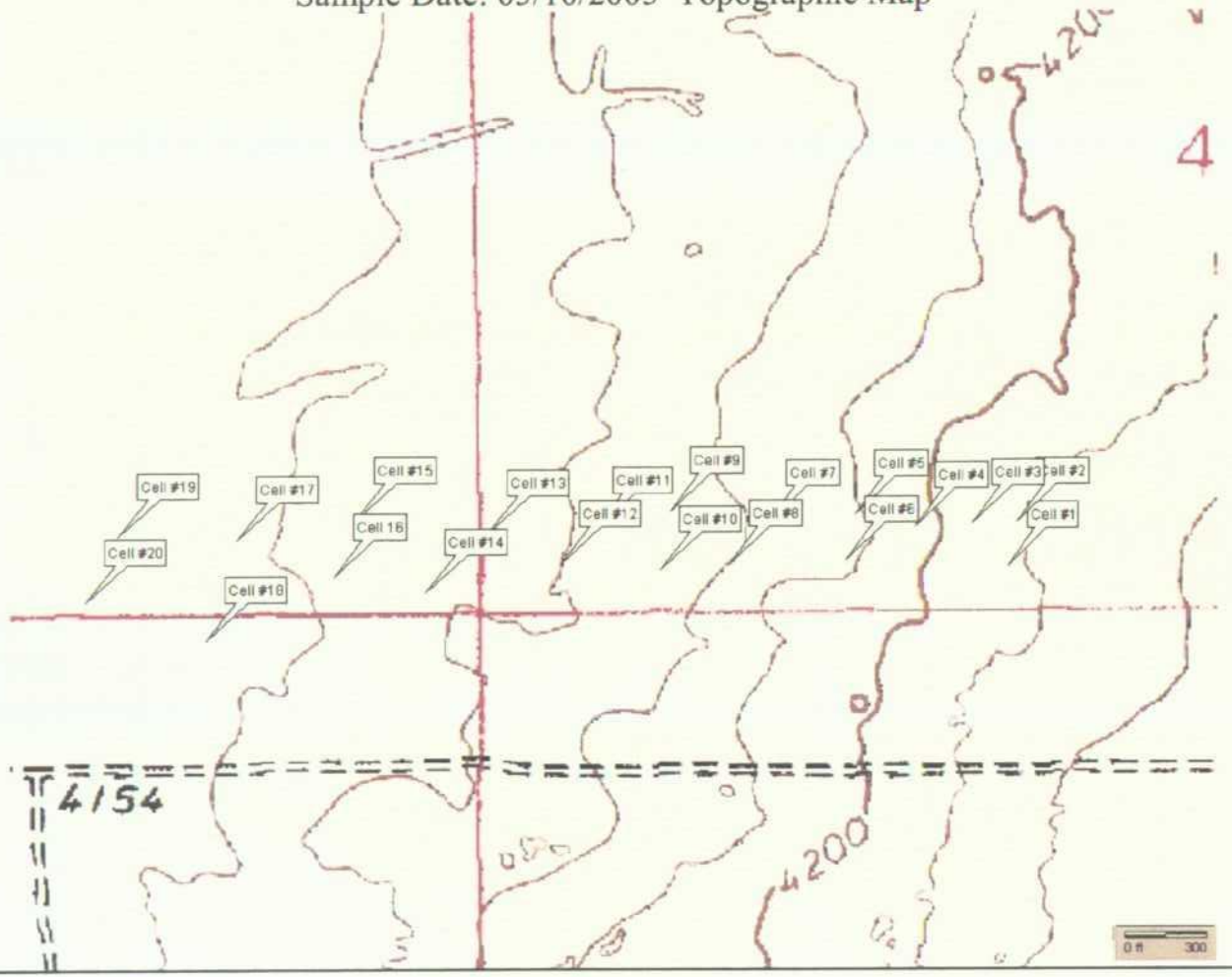


Table 1
Laboratory Analysis Summary Reports

Summary Report

Gandy Marley Inc.
Box 1658
Roswell, NM 88202

Report Date: May 23, 2005

Work Order: 5051227

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
62394	OCD Cell #1	soil	2005-05-10	12:25	2005-05-12
62395	OCD Cell #2	soil	2005-05-10	12:45	2005-05-12
62396	OCD Cell #3	soil	2005-05-10	13:00	2005-05-12
62397	OCD Cell #4	soil	2005-05-10	13:15	2005-05-12
62398	OCD Cell #5	soil	2005-05-10	13:30	2005-05-12
62399	OCD Cell #6	soil	2005-05-10	13:45	2005-05-12
62400	OCD Cell #7	soil	2005-05-10	14:00	2005-05-12
62401	OCD Cell #8	soil	2005-05-10	14:10	2005-05-12
62402	OCD Cell #9	soil	2005-05-10	14:25	2005-05-12
62403	OCD Cell #10	soil	2005-05-10	14:35	2005-05-12
62404	OCD Cell #11	soil	2005-05-10	14:50	2005-05-12
62405	OCD Cell #12	soil	2005-05-10	15:00	2005-05-12
62406	OCD Cell #13	soil	2005-05-10	16:10	2005-05-12
62407	OCD Cell #14	soil	2005-05-10	16:20	2005-05-12

Sample - Field Code		TPH 418.1 TRPHC (mg/Kg)	TPH GRO GRO (mg/Kg)
62394 - OCD Cell #1		**72.3**	<1.00
62395 - OCD Cell #2		<10.0	**7.72**
62396 - OCD Cell #3		**120**	
62397 - OCD Cell #4		**132**	
62398 - OCD Cell #5		**1540**	
62399 - OCD Cell #6		**205**	
62400 - OCD Cell #7		**45.0**	
62401 - OCD Cell #8		**28.5**	
62402 - OCD Cell #9		**25.4**	
62403 - OCD Cell #10		**258**	
62404 - OCD Cell #11		<10.0	
62405 - OCD Cell #12		**11.4**	
62406 - OCD Cell #13		**478**	
62407 - OCD Cell #14		**146**	

Sample: 62394 - OCD Cell #1

continued ...

sample 62394 continued ...

Param	Flag	Result	Units	RL
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		**68.9**	mg/Kg as CaCo3	4.00
Total Alkalinity		**68.9**	mg/Kg as CaCo3	4.00
Benzene		<0.0100	mg/Kg	0.00100
Toluene		<0.0100	mg/Kg	0.00100
Ethylbenzene		<0.0100	mg/Kg	0.00100
Xylene		<0.0100	mg/Kg	0.00100
Chloride		**249**	mg/Kg	1.00
Specific Conductance		**1160**	μMHOS/cm	0.00
pH		**7.86**	s.u.	0.00
Total Calcium		**88800**	mg/Kg	50.0
Total Magnesium		<5000	mg/Kg	50.0
Total Potassium		<5000	mg/Kg	50.0
Total Sodium		<5000	mg/Kg	50.0
Sulfate		**353**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.53**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 62395 - OCD 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		**42.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**42.0**	mg/Kg as CaCo3	4.00
Benzene		<0.0100	mg/Kg	0.00100
Toluene		<0.0100	mg/Kg	0.00100
Ethylbenzene		**0.0188**	mg/Kg	0.00100
Xylene		**0.0310**	mg/Kg	0.00100
Chloride		**708**	mg/Kg	1.00
Specific Conductance		**2080**	μMHOS/cm	0.00
pH		**7.87**	s.u.	0.00
Total Calcium		**10100**	mg/Kg	50.0
Total Magnesium		**3770**	mg/Kg	50.0
Total Potassium		**3190**	mg/Kg	50.0
Total Sodium		**864**	mg/Kg	50.0
Sulfate		**148**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.56**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100

continued ...

sample 62395 continued ...

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

Sample: 62396 - OCD 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		**58.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**58.0**	mg/Kg as CaCo3	4.00
Benzene		<0.0100	mg/Kg	0.00100
Toluene		<0.0100	mg/Kg	0.00100
Ethylbenzene		<0.0100	mg/Kg	0.00100
Xylene		<0.0100	mg/Kg	0.00100
Chloride		**62.2**	mg/Kg	1.00
Specific Conductance		**1030**	μMHOS/cm	0.00
pH		**8.16**	s.u.	0.00
Total Calcium		**9680**	mg/Kg	50.0
Total Magnesium		**2310**	mg/Kg	50.0
Total Potassium		**1840**	mg/Kg	50.0
Total Sodium		**1000**	mg/Kg	50.0
Sulfate		**424**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.51**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 62397 - OCD 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		**72.5**	mg/Kg as CaCo3	4.00
Total Alkalinity		**72.5**	mg/Kg as CaCo3	4.00
Benzene		<0.0100	mg/Kg	0.00100
Toluene		<0.0100	mg/Kg	0.00100
Ethylbenzene		<0.0100	mg/Kg	0.00100
Xylene		<0.0100	mg/Kg	0.00100
Chloride		**30.1**	mg/Kg	1.00
Specific Conductance		**1590**	μMHOS/cm	0.00
pH		**8.20**	s.u.	0.00
Total Calcium		**65600**	mg/Kg	50.0
Total Magnesium		**1980**	mg/Kg	50.0
Total Potassium		**1400**	mg/Kg	50.0
Total Sodium		**1290**	mg/Kg	50.0
Sulfate		**986**	mg/Kg	2.00

continued ...

sample 62397 continued ...

Param	Flag	Result	Units	RL
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.73**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 62398 - OCD 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		**142**	mg/Kg as CaCo3	4.00
Total Alkalinity		**142**	mg/Kg as CaCo3	4.00
Benzene		<0.0100	mg/Kg	0.00100
Toluene		<0.0100	mg/Kg	0.00100
Ethylbenzene		<0.0100	mg/Kg	0.00100
Xylene		<0.0100	mg/Kg	0.00100
Chloride		**10.9**	mg/Kg	1.00
Specific Conductance		**245**	μMHOS/cm	0.00
pH		**8.19**	s.u.	0.00
Total Calcium		**27300**	mg/Kg	50.0
Total Magnesium		**2370**	mg/Kg	50.0
Total Potassium		**1920**	mg/Kg	50.0
Total Sodium		**696**	mg/Kg	50.0
Sulfate		**45.8**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.77**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 62399 - OCD 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		**60.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**60.0**	mg/Kg as CaCo3	4.00
Benzene		<0.0100	mg/Kg	0.00100
Toluene		<0.0100	mg/Kg	0.00100
Ethylbenzene		<0.0100	mg/Kg	0.00100
Xylene		<0.0100	mg/Kg	0.00100
Chloride		**23.0**	mg/Kg	1.00
Specific Conductance		**755**	μMHOS/cm	0.00

continued ...

sample 62399 continued ...

Param	Flag	Result	Units	RL
pH		**8.33**	s.u.	0.00
Total Calcium		**127000**	mg/Kg	50.0
Total Magnesium		**4800**	mg/Kg	50.0
Total Potassium		**1950**	mg/Kg	50.0
Total Sodium		**929**	mg/Kg	50.0
Sulfate		**246**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.81**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 62400 - OCD Cell #7

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/Kg as CaCo3	1.00
Carbonate Alkalinity		**80.0**	mg/Kg as CaCo3	1.00
Bicarbonate Alkalinity		**1920**	mg/Kg as CaCo3	4.00
Total Alkalinity		**2000**	mg/Kg as CaCo3	4.00
Benzene		<0.0100	mg/Kg	0.00100
Toluene		<0.0100	mg/Kg	0.00100
Ethylbenzene		<0.0100	mg/Kg	0.00100
Xylene		<0.0100	mg/Kg	0.00100
Chloride		**49.1**	mg/Kg	1.00
Specific Conductance		**366**	μMHOS/cm	0.00
pH		**8.86**	s.u.	0.00
Total Calcium		**36100**	mg/Kg	50.0
Total Magnesium		**3040**	mg/Kg	50.0
Total Potassium		**2090**	mg/Kg	50.0
Total Sodium		**1020**	mg/Kg	50.0
Sulfate		**65.6**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.06**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 62401 - OCD 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		**84.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**84.0**	mg/Kg as CaCo3	4.00

continued ...

sample 62401 continued ...

Param	Flag	Result	Units	RL
Benzene		<0.0100	mg/Kg	0.00100
Toluene		<0.0100	mg/Kg	0.00100
Ethylbenzene		<0.0100	mg/Kg	0.00100
Xylene		<0.0100	mg/Kg	0.00100
Chloride		**12.9**	mg/Kg	1.00
Specific Conductance		**817**	µMHOS/cm	0.00
pH		**8.42**	s.u.	0.00
Total Calcium		**161000**	mg/Kg	50.0
Total Magnesium		**2250**	mg/Kg	50.0
Total Potassium		**1070**	mg/Kg	50.0
Total Sodium		**1010**	mg/Kg	50.0
Sulfate		**398**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.65**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 62402 - OCD 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		**66.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**66.0**	mg/Kg as CaCo3	4.00
Benzene		<0.0100	mg/Kg	0.00100
Toluene		<0.0100	mg/Kg	0.00100
Ethylbenzene		<0.0100	mg/Kg	0.00100
Xylene		<0.0100	mg/Kg	0.00100
Chloride		**15.2**	mg/Kg	1.00
Specific Conductance		**567**	µMHOS/cm	0.00
pH		**8.27**	s.u.	0.00
Total Calcium		**39000**	mg/Kg	50.0
Total Magnesium		**3310**	mg/Kg	50.0
Total Potassium		**2090**	mg/Kg	50.0
Total Sodium		**902**	mg/Kg	50.0
Sulfate		**204**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.37**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 62403 - OCD 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		**116**	mg/Kg as CaCo3	4.00
Total Alkalinity		**116**	mg/Kg as CaCo3	4.00
Benzene	[1]	<0.100	mg/Kg	0.00100
Toluene		<0.100	mg/Kg	0.00100
Ethylbenzene		<0.100	mg/Kg	0.00100
Xylene		<0.100	mg/Kg	0.00100
Chloride		**38.0**	mg/Kg	1.00
Specific Conductance		**911**	μMHOS/cm	0.00
pH		**8.28**	s.u.	0.00
Total Calcium		**65600**	mg/Kg	50.0
Total Magnesium		**2750**	mg/Kg	50.0
Total Potassium		**1370**	mg/Kg	50.0
Total Sodium		**996**	mg/Kg	50.0
Sulfate		**443**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.69**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 62404 - OCD 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		**56.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**56.0**	mg/Kg as CaCo3	4.00
Benzene		<0.0100	mg/Kg	0.00100
Toluene		<0.0100	mg/Kg	0.00100
Ethylbenzene		<0.0100	mg/Kg	0.00100
Xylene		<0.0100	mg/Kg	0.00100
Chloride		**119**	mg/Kg	1.00
Specific Conductance		**1030**	μMHOS/cm	0.00
pH		**8.06**	s.u.	0.00
Total Calcium		**63100**	mg/Kg	50.0
Total Magnesium		**5640**	mg/Kg	50.0
Total Potassium		<5000	mg/Kg	50.0
Total Sodium		<5000	mg/Kg	50.0
Sulfate		**350**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.65**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

[1] Sample ran at a dilution due to surfactants.

Sample: 62405 - OCD 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		**62.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**62.0**	mg/Kg as CaCo3	4.00
Benzene		<0.0100	mg/Kg	0.00100
Toluene		<0.0100	mg/Kg	0.00100
Ethylbenzene		<0.0100	mg/Kg	0.00100
Xylene		<0.0100	mg/Kg	0.00100
Chloride		**20.3**	mg/Kg	1.00
Specific Conductance		**910**	µMHOS/cm	0.00
pH		**8.07**	s.u.	0.00
Total Calcium		**63900**	mg/Kg	50.0
Total Magnesium		**5750**	mg/Kg	50.0
Total Potassium		**2670**	mg/Kg	50.0
Total Sodium		**770**	mg/Kg	50.0
Sulfate		**395**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.67**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 62406 - OCD 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		**46.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**46.0**	mg/Kg as CaCo3	4.00
Benzene		<0.0100	mg/Kg	0.00100
Toluene		<0.0100	mg/Kg	0.00100
Ethylbenzene		<0.0100	mg/Kg	0.00100
Xylene		<0.0100	mg/Kg	0.00100
Chloride		**69.0**	mg/Kg	1.00
Specific Conductance		**1820**	µMHOS/cm	0.00
pH		**7.86**	s.u.	0.00
Total Calcium		**29400**	mg/Kg	50.0
Total Magnesium		**3510**	mg/Kg	50.0
Total Potassium		**2220**	mg/Kg	50.0
Total Sodium		**611**	mg/Kg	50.0
Sulfate		**1320**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.39**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 62407 - OCD 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		**92.5**	mg/Kg as CaCo3	4.00
Total Alkalinity		**92.5**	mg/Kg as CaCo3	4.00
Benzene		<0.0100	mg/Kg	0.00100
Toluene		<0.0100	mg/Kg	0.00100
Ethylbenzene		<0.0100	mg/Kg	0.00100
Xylene		<0.0100	mg/Kg	0.00100
Chloride		**136**	mg/Kg	1.00
Specific Conductance		**900**	μMHOS/cm	0.00
pH		**8.27**	s.u.	0.00
Total Calcium		**3970**	mg/Kg	50.0
Total Magnesium		**2570**	mg/Kg	50.0
Total Potassium		**1460**	mg/Kg	50.0
Total Sodium		**960**	mg/Kg	50.0
Sulfate		**264**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.42**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Summary Report

Gandy Marley Inc.
Box 1658
Roswell, NM 88202

Report Date: May 23, 2005

Work Order: 5051704

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
62903	MW-2	water	2005-05-16	12:10	2005-05-16
62904	MW-1	water	2005-05-16	12:45	2005-05-16
62905	Trip Blank	water	2005-05-16	11:45	2005-05-16

Sample - Field Code		TPH DRO DRO (mg/L)		TPH GRO GRO (mg/L)
62903 - MW-2		<5.00		<0.500
62904 - MW-1		<5.00		<0.500

Sample: 62903 - MW-2

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/L as CaCo3	1.00
Carbonate Alkalinity		<1.00	mg/L as CaCo3	1.00
Bicarbonate Alkalinity		**88.0**	mg/L as CaCo3	4.00
Total Alkalinity		**88.0**	mg/L as CaCo3	4.00
Dissolved Calcium		**172**	mg/L	0.500
Dissolved Potassium		**19.5**	mg/L	0.500
Dissolved Magnesium		**32.7**	mg/L	0.500
Dissolved Sodium		**3130**	mg/L	0.500
Chloride		**4790**	mg/L	0.500
Specific Conductance		**14200**	µMHOS/cm	0.00
Nitrite-N		<0.0100	mg/L	0.0100
Nitrate-N		<1.00	mg/L	0.200
pH		**8.15**	s.u.	0.00
Pyridine		<0.00500	mg/L	0.00500
n-Nitrosodimethylamine		<0.00500	mg/L	0.00500
2-Picoline		<0.00500	mg/L	0.00500
Methyl methanesulfonate		<0.00500	mg/L	0.00500
Ethyl methanesulfonate		<0.00500	mg/L	0.00500
Phenol		<0.00500	mg/L	0.00500
Aniline		<0.00500	mg/L	0.00500
bis(2-chloroethyl)ether		<0.00500	mg/L	0.00500
2-Chlorophenol		<0.00500	mg/L	0.00500

continued ...

sample 62903 continued ...

Param	Flag	Result	Units	RL
1,3-Dichlorobenzene (meta)		<0.00500	mg/L	0.00500
1,4-Dichlorobenzene (para)		<0.00500	mg/L	0.00500
Benzyl alcohol		<0.00500	mg/L	0.00500
1,2-Dichlorobenzene (ortho)		<0.00500	mg/L	0.00500
2-Methylphenol		<0.00500	mg/L	0.00500
bis(2-chloroisopropyl)ether		<0.00500	mg/L	0.00500
4-Methylphenol / 3-Methylphenol		<0.00500	mg/L	0.00500
n-Nitrosodi-n-propylamine		<0.00500	mg/L	0.00500
Hexachloroethane		<0.00500	mg/L	0.00500
Acetophenone		<0.00500	mg/L	0.00500
Nitrobenzene		<0.00500	mg/L	0.00500
n-Nitrosopiperidine		<0.00500	mg/L	0.00500
Isophorone		<0.00500	mg/L	0.00500
2-Nitrophenol		<0.00500	mg/L	0.00500
2,4-Dimethylphenol		<0.00500	mg/L	0.00500
bis(2-chloroethoxy)methane		<0.00500	mg/L	0.00500
2,4-Dichlorophenol		<0.00500	mg/L	0.00500
1,2,4-Trichlorobenzene		<0.00500	mg/L	0.00500
Benzoic acid		<0.00500	mg/L	0.00500
Naphthalene		<0.00500	mg/L	0.00500
a,a-Dimethylphenethylamine		<0.00500	mg/L	0.00500
4-Chloroaniline		<0.00500	mg/L	0.00500
2,6-Dichlorophenol		<0.00500	mg/L	0.00500
Hexachlorobutadiene		<0.00500	mg/L	0.00500
n-Nitroso-di-n-butylamine		<0.00500	mg/L	0.00500
4-Chloro-3-methylphenol		<0.00500	mg/L	0.00500
2-Methylnaphthalene		<0.00500	mg/L	0.00500
1-Methylnaphthalene		<0.00500	mg/L	0.00500
1,2,4,5-Tetrachlorobenzene		<0.00500	mg/L	0.00500
Hexachlorocyclopentadiene		<0.00500	mg/L	0.00500
2,4,6-Trichlorophenol		<0.00500	mg/L	0.00500
2,4,5-Trichlorophenol		<0.00500	mg/L	0.00500
2-Chloronaphthalene		<0.00500	mg/L	0.00500
1-Chloronaphthalene		<0.00500	mg/L	0.00500
2-Nitroaniline		<0.00500	mg/L	0.00500
Dimethylphthalate		<0.00500	mg/L	0.00500
Acenaphthylene		<0.00500	mg/L	0.00500
2,6-Dinitrotoluene		<0.00500	mg/L	0.00500
3-Nitroaniline		<0.00500	mg/L	0.00500
Acenaphthene		<0.00500	mg/L	0.00500
2,4-Dinitrophenol		<0.00500	mg/L	0.00500
Dibenzofuran		<0.00500	mg/L	0.00500
Pentachlorobenzene		<0.00500	mg/L	0.00500
4-Nitrophenol		<0.0250	mg/L	0.0250
2,4-Dinitrotoluene		<0.00500	mg/L	0.00500
1-Naphthylamine		<0.00500	mg/L	0.00500
2,3,4,6-Tetrachlorophenol		<0.00500	mg/L	0.00500
2-Naphthylamine		<0.00500	mg/L	0.00500
Fluorene		<0.00500	mg/L	0.00500
4-Chlorophenyl-phenylether		<0.00500	mg/L	0.00500
Diethylphthalate		<0.00500	mg/L	0.00500
4-Nitroaniline		<0.00500	mg/L	0.00500
Diphenylhydrazine		<0.00500	mg/L	0.00500

continued ...

sample 62903 continued ...

Param	Flag	Result	Units	RL
4,6-Dinitro-2-methylphenol		<0.00500	mg/L	0.00500
Diphenylamine		<0.00500	mg/L	0.00500
4-Bromophenyl-phenylether		<0.00500	mg/L	0.00500
Phenacetin		<0.00500	mg/L	0.00500
Hexachlorobenzene		<0.00500	mg/L	0.00500
4-Aminobiphenyl		<0.00500	mg/L	0.00500
Pentachlorophenol		<0.00500	mg/L	0.00500
Anthracene		<0.00500	mg/L	0.00500
Pentachloronitrobenzene		<0.00500	mg/L	0.00500
Pronamide		<0.00500	mg/L	0.00500
Phenanthrene		<0.00500	mg/L	0.00500
Di-n-butylphthalate		<0.00500	mg/L	0.00500
Fluoranthene		<0.00500	mg/L	0.00500
Benzidine		<0.0100	mg/L	0.0100
Pyrene		<0.00500	mg/L	0.00500
p-Dimethylaminoazobenzene		<0.00500	mg/L	0.00500
Butylbenzylphthalate		<0.00500	mg/L	0.00500
Benzo(a)anthracene		<0.00500	mg/L	0.00500
3,3-Dichlorobenzidine		<0.00500	mg/L	0.00500
Chrysene		<0.00500	mg/L	0.00500
bis(2-ethylhexyl)phthalate		<0.0100	mg/L	0.0100
Di-n-octylphthalate		<0.00500	mg/L	0.00500
Benzo(b)fluoranthene		<0.00500	mg/L	0.00500
Benzo(k)fluoranthene		<0.00500	mg/L	0.00500
7,12-Dimethylbenz(a)anthracene		<0.00500	mg/L	0.00500
Benzo(a)pyrene		<0.00500	mg/L	0.00500
3-Methylcholanthrene		<0.00500	mg/L	0.00500
Dibenzo(a,j)acridine		<0.00500	mg/L	0.00500
Indeno(1,2,3-cd)pyrene		<0.00500	mg/L	0.00500
Dibenzo(a,h)anthracene		<0.00500	mg/L	0.00500
Benzo(g,h,i)perylene		<0.00500	mg/L	0.00500
Sulfate		**2180**	mg/L	0.500
Total Dissolved Solids		**8970**	mg/L	10.00
Total Silver		<0.00200	mg/L	0.00200
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		**0.0160**	mg/L	0.0100
Total Cadmium		<0.00100	mg/L	0.00100
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.00500	mg/L	0.00500
Total Selenium		<0.0100	mg/L	0.0100
Bromochloromethane		<1.00	µg/L	1.00
Dichlorodifluoromethane		<1.00	µg/L	1.00
Chloromethane (methyl chloride)		<1.00	µg/L	1.00
Vinyl Chloride		<1.00	µg/L	1.00
Bromomethane (methyl bromide)		<1.00	µg/L	1.00
Chloroethane		<1.00	µg/L	1.00
Trichlorofluoromethane		<1.00	µg/L	1.00
Acetone		<10.0	µg/L	10.0
Iodomethane (methyl iodide)		<5.00	µg/L	5.00
Carbon Disulfide		<1.00	µg/L	1.00
Acrylonitrile		<1.00	µg/L	1.00
2-Butanone (MEK)		<5.00	µg/L	5.00

continued ...

sample 62903 continued ...

Param	Flag	Result	Units	RL
4-Methyl-2-pentanone (MIBK)		<5.00	µg/L	5.00
2-Hexanone		<1.00	µg/L	1.00
trans 1,4-Dichloro-2-butene		<10.0	µg/L	10.0
1,1-Dichloroethene		<1.00	µg/L	1.00
Methylene chloride		<5.00	µg/L	5.00
MTBE		<1.00	µg/L	1.00
trans-1,2-Dichloroethene		<1.00	µg/L	1.00
1,1-Dichloroethane		<1.00	µg/L	1.00
cis-1,2-Dichloroethene		<1.00	µg/L	1.00
2,2-Dichloropropane		<1.00	µg/L	1.00
1,2-Dichloroethane (EDC)		<1.00	µg/L	1.00
Chloroform		<1.00	µg/L	1.00
1,1,1-Trichloroethane		<1.00	µg/L	1.00
1,1-Dichloropropene		<1.00	µg/L	1.00
Benzene		<1.00	µg/L	1.00
Carbon Tetrachloride		<1.00	µg/L	1.00
1,2-Dichloropropane		<1.00	µg/L	1.00
Trichloroethene (TCE)		<1.00	µg/L	1.00
Dibromomethane (methylene bromide)		<1.00	µg/L	1.00
Bromodichloromethane		<1.00	µg/L	1.00
2-Chloroethyl vinyl ether		<5.00	µg/L	5.00
cis-1,3-Dichloropropene		<1.00	µg/L	1.00
trans-1,3-Dichloropropene		<1.00	µg/L	1.00
Toluene		<1.00	µg/L	1.00
1,1,2-Trichloroethane		<1.00	µg/L	1.00
1,3-Dichloropropane		<1.00	µg/L	1.00
Dibromochloromethane		<1.00	µg/L	1.00
1,2-Dibromoethane (EDB)		<1.00	µg/L	1.00
Tetrachloroethene (PCE)		<1.00	µg/L	1.00
Chlorobenzene		<1.00	µg/L	1.00
1,1,1,2-Tetrachloroethane		<1.00	µg/L	1.00
Ethylbenzene		<1.00	µg/L	1.00
m,p-Xylene		<1.00	µg/L	1.00
Bromoform		<1.00	µg/L	1.00
Styrene		<1.00	µg/L	1.00
o-Xylene		<1.00	µg/L	1.00
1,1,2,2-Tetrachloroethane		<1.00	µg/L	1.00
2-Chlorotoluene		<1.00	µg/L	1.00
1,2,3-Trichloropropane		<1.00	µg/L	1.00
Isopropylbenzene		<1.00	µg/L	1.00
Bromobenzene		<1.00	µg/L	1.00
n-Propylbenzene		<1.00	µg/L	1.00
1,3,5-Trimethylbenzene		<1.00	µg/L	1.00
tert-Butylbenzene		<1.00	µg/L	1.00
1,2,4-Trimethylbenzene		<1.00	µg/L	1.00
1,4-Dichlorobenzene (para)		<1.00	µg/L	1.00
sec-Butylbenzene		<1.00	µg/L	1.00
1,3-Dichlorobenzene (meta)		<1.00	µg/L	1.00
p-Isopropyltoluene		<1.00	µg/L	1.00
4-Chlorotoluene		<1.00	µg/L	1.00
1,2-Dichlorobenzene (ortho)		<1.00	µg/L	1.00
n-Butylbenzene		<1.00	µg/L	1.00
1,2-Dibromo-3-chloropropane		<2.00	µg/L	2.00

continued ...

sample 62903 continued ...

Param	Flag	Result	Units	RL
1,2,3-Trichlorobenzene		<5.00	µg/L	5.00
1,2,4-Trichlorobenzene		<5.00	µg/L	5.00
Naphthalene		<5.00	µg/L	5.00
Hexachlorobutadiene		<5.00	µg/L	5.00

Sample: 62904 - MW-1

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/L as CaCo3	1.00
Carbonate Alkalinity		<1.00	mg/L as CaCo3	1.00
Bicarbonate Alkalinity		**90.0**	mg/L as CaCo3	4.00
Total Alkalinity		**90.0**	mg/L as CaCo3	4.00
Dissolved Calcium		**168**	mg/L	0.500
Dissolved Potassium		**21.5**	mg/L	0.500
Dissolved Magnesium		**37.4**	mg/L	0.500
Dissolved Sodium		**3340**	mg/L	0.500
Chloride		**4840**	mg/L	0.500
Specific Conductance		**14500**	µMHOS/cm	0.00
Nitrite-N		<0.0100	mg/L	0.0100
Nitrate-N		<1.00	mg/L	0.200
pH		**8.14**	s.u.	0.00
Pyridine		<0.00500	mg/L	0.00500
n-Nitrosodimethylamine		<0.00500	mg/L	0.00500
2-Picoline		<0.00500	mg/L	0.00500
Methyl methanesulfonate		<0.00500	mg/L	0.00500
Ethyl methanesulfonate		<0.00500	mg/L	0.00500
Phenol		<0.00500	mg/L	0.00500
Aniline		<0.00500	mg/L	0.00500
bis(2-chloroethyl)ether		<0.00500	mg/L	0.00500
2-Chlorophenol		<0.00500	mg/L	0.00500
1,3-Dichlorobenzene (meta)		<0.00500	mg/L	0.00500
1,4-Dichlorobenzene (para)		<0.00500	mg/L	0.00500
Benzyl alcohol		<0.00500	mg/L	0.00500
1,2-Dichlorobenzene (ortho)		<0.00500	mg/L	0.00500
2-Methylphenol		<0.00500	mg/L	0.00500
bis(2-chloroisopropyl)ether		<0.00500	mg/L	0.00500
4-Methylphenol / 3-Methylphenol		<0.00500	mg/L	0.00500
n-Nitrosodi-n-propylamine		<0.00500	mg/L	0.00500
Hexachloroethane		<0.00500	mg/L	0.00500
Acetophenone		<0.00500	mg/L	0.00500
Nitrobenzene		<0.00500	mg/L	0.00500
n-Nitrosopiperidine		<0.00500	mg/L	0.00500
Isophorone		<0.00500	mg/L	0.00500
2-Nitrophenol		<0.00500	mg/L	0.00500
2,4-Dimethylphenol		<0.00500	mg/L	0.00500
bis(2-chloroethoxy)methane		<0.00500	mg/L	0.00500
2,4-Dichlorophenol		<0.00500	mg/L	0.00500
1,2,4-Trichlorobenzene		<0.00500	mg/L	0.00500
Benzoic acid		<0.00500	mg/L	0.00500
Naphthalene		<0.00500	mg/L	0.00500
a,a-Dimethylphenethylamine		<0.00500	mg/L	0.00500
4-Chloroaniline		<0.00500	mg/L	0.00500

continued ...

sample 62904 continued ...

Param	Flag	Result	Units	RL
2,6-Dichlorophenol		<0.00500	mg/L	0.00500
Hexachlorobutadiene		<0.00500	mg/L	0.00500
n-Nitroso-di-n-butylamine		<0.00500	mg/L	0.00500
4-Chloro-3-methylphenol		<0.00500	mg/L	0.00500
2-Methylnaphthalene		<0.00500	mg/L	0.00500
1-Methylnaphthalene		<0.00500	mg/L	0.00500
1,2,4,5-Tetrachlorobenzene		<0.00500	mg/L	0.00500
Hexachlorocyclopentadiene		<0.00500	mg/L	0.00500
2,4,6-Trichlorophenol		<0.00500	mg/L	0.00500
2,4,5-Trichlorophenol		<0.00500	mg/L	0.00500
2-Chloronaphthalene		<0.00500	mg/L	0.00500
1-Chloronaphthalene		<0.00500	mg/L	0.00500
2-Nitroaniline		<0.00500	mg/L	0.00500
Dimethylphthalate		<0.00500	mg/L	0.00500
Acenaphthylene		<0.00500	mg/L	0.00500
2,6-Dinitrotoluene		<0.00500	mg/L	0.00500
3-Nitroaniline		<0.00500	mg/L	0.00500
Acenaphthene		<0.00500	mg/L	0.00500
2,4-Dinitrophenol		<0.00500	mg/L	0.00500
Dibenzofuran		<0.00500	mg/L	0.00500
Pentachlorobenzene		<0.00500	mg/L	0.00500
4-Nitrophenol		<0.0250	mg/L	0.0250
2,4-Dinitrotoluene		<0.00500	mg/L	0.00500
1-Naphthylamine		<0.00500	mg/L	0.00500
2,3,4,6-Tetrachlorophenol		<0.00500	mg/L	0.00500
2-Naphthylamine		<0.00500	mg/L	0.00500
Fluorene		<0.00500	mg/L	0.00500
4-Chlorophenyl-phenylether		<0.00500	mg/L	0.00500
Diethylphthalate		<0.00500	mg/L	0.00500
4-Nitroaniline		<0.00500	mg/L	0.00500
Diphenylhydrazine		<0.00500	mg/L	0.00500
4,6-Dinitro-2-methylphenol		<0.00500	mg/L	0.00500
Diphenylamine		<0.00500	mg/L	0.00500
4-Bromophenyl-phenylether		<0.00500	mg/L	0.00500
Phenacetin		<0.00500	mg/L	0.00500
Hexachlorobenzene		<0.00500	mg/L	0.00500
4-Aminobiphenyl		<0.00500	mg/L	0.00500
Pentachlorophenol		<0.00500	mg/L	0.00500
Anthracene		<0.00500	mg/L	0.00500
Pentachloronitrobenzene		<0.00500	mg/L	0.00500
Pronamide		<0.00500	mg/L	0.00500
Phenanthrene		<0.00500	mg/L	0.00500
Di-n-butylphthalate		<0.00500	mg/L	0.00500
Fluoranthene		<0.00500	mg/L	0.00500
Benzidine		<0.0100	mg/L	0.0100
Pyrene		<0.00500	mg/L	0.00500
p-Dimethylaminoazobenzene		<0.00500	mg/L	0.00500
Butylbenzylphthalate		<0.00500	mg/L	0.00500
Benzo(a)anthracene		<0.00500	mg/L	0.00500
3,3-Dichlorobenzidine		<0.00500	mg/L	0.00500
Chrysene		<0.00500	mg/L	0.00500
bis(2-ethylhexyl)phthalate		<0.0100	mg/L	0.0100
Di-n-octylphthalate		<0.00500	mg/L	0.00500

continued ...

sample 62904 continued ...

Param	Flag	Result	Units	RL
Benzo(b)fluoranthene		<0.00500	mg/L	0.00500
Benzo(k)fluoranthene		<0.00500	mg/L	0.00500
7,12-Dimethylbenz(a)anthracene		<0.00500	mg/L	0.00500
Benzo(a)pyrene		<0.00500	mg/L	0.00500
3-Methylcholanthrene		<0.00500	mg/L	0.00500
Dibenzo(a,j)acridine		<0.00500	mg/L	0.00500
Indeno(1,2,3-cd)pyrene		<0.00500	mg/L	0.00500
Dibenzo(a,h)anthracene		<0.00500	mg/L	0.00500
Benzo(g,h,i)perylene		<0.00500	mg/L	0.00500
Sulfate		**1760**	mg/L	0.500
Total Dissolved Solids		**8930**	mg/L	10.00
Total Silver		<0.00200	mg/L	0.00200
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		**0.0380**	mg/L	0.0100
Total Cadmium		<0.00100	mg/L	0.00100
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.00500	mg/L	0.00500
Total Selenium		<0.0100	mg/L	0.0100
Bromochloromethane		<1.00	µg/L	1.00
Dichlorodifluoromethane		<1.00	µg/L	1.00
Chloromethane (methyl chloride)		<1.00	µg/L	1.00
Vinyl Chloride		<1.00	µg/L	1.00
Bromomethane (methyl bromide)		<1.00	µg/L	1.00
Chloroethane		<1.00	µg/L	1.00
Trichlorofluoromethane		<1.00	µg/L	1.00
Acetone		<10.0	µg/L	10.0
Iodomethane (methyl iodide)		<5.00	µg/L	5.00
Carbon Disulfide		<1.00	µg/L	1.00
Acrylonitrile		<1.00	µg/L	1.00
2-Butanone (MEK)		<5.00	µg/L	5.00
4-Methyl-2-pentanone (MIBK)		<5.00	µg/L	5.00
2-Hexanone		<1.00	µg/L	1.00
trans 1,4-Dichloro-2-butene		<10.0	µg/L	10.0
1,1-Dichloroethene		<1.00	µg/L	1.00
Methylene chloride		<5.00	µg/L	5.00
MTBE		<1.00	µg/L	1.00
trans-1,2-Dichloroethene		<1.00	µg/L	1.00
1,1-Dichloroethane		<1.00	µg/L	1.00
cis-1,2-Dichloroethene		<1.00	µg/L	1.00
2,2-Dichloropropane		<1.00	µg/L	1.00
1,2-Dichloroethane (EDC)		<1.00	µg/L	1.00
Chloroform		<1.00	µg/L	1.00
1,1,1-Trichloroethane		<1.00	µg/L	1.00
1,1-Dichloropropene		<1.00	µg/L	1.00
Benzene		<1.00	µg/L	1.00
Carbon Tetrachloride		<1.00	µg/L	1.00
1,2-Dichloropropane		<1.00	µg/L	1.00
Trichloroethene (TCE)		<1.00	µg/L	1.00
Dibromomethane (methylene bromide)		<1.00	µg/L	1.00
Bromodichloromethane		<1.00	µg/L	1.00
2-Chloroethyl vinyl ether		<5.00	µg/L	5.00
cis-1,3-Dichloropropene		<1.00	µg/L	1.00

continued ...

sample 62904 continued ...

Param	Flag	Result	Units	RL
trans-1,3-Dichloropropene		<1.00	µg/L	1.00
Toluene		<1.00	µg/L	1.00
1,1,2-Trichloroethane		<1.00	µg/L	1.00
1,3-Dichloropropane		<1.00	µg/L	1.00
Dibromochloromethane		<1.00	µg/L	1.00
1,2-Dibromoethane (EDB)		<1.00	µg/L	1.00
Tetrachloroethene (PCE)		<1.00	µg/L	1.00
Chlorobenzene		<1.00	µg/L	1.00
1,1,1,2-Tetrachloroethane		<1.00	µg/L	1.00
Ethylbenzene		<1.00	µg/L	1.00
m,p-Xylene		<1.00	µg/L	1.00
Bromoform		<1.00	µg/L	1.00
Styrene		<1.00	µg/L	1.00
o-Xylene		<1.00	µg/L	1.00
1,1,2,2-Tetrachloroethane		<1.00	µg/L	1.00
2-Chlorotoluene		<1.00	µg/L	1.00
1,2,3-Trichloropropane		<1.00	µg/L	1.00
Isopropylbenzene		<1.00	µg/L	1.00
Bromobenzene		<1.00	µg/L	1.00
n-Propylbenzene		<1.00	µg/L	1.00
1,3,5-Trimethylbenzene		<1.00	µg/L	1.00
tert-Butylbenzene		<1.00	µg/L	1.00
1,2,4-Trimethylbenzene		<1.00	µg/L	1.00
1,4-Dichlorobenzene (para)		<1.00	µg/L	1.00
sec-Butylbenzene		<1.00	µg/L	1.00
1,3-Dichlorobenzene (meta)		<1.00	µg/L	1.00
p-Isopropyltoluene		<1.00	µg/L	1.00
4-Chlorotoluene		<1.00	µg/L	1.00
1,2-Dichlorobenzene (ortho)		<1.00	µg/L	1.00
n-Butylbenzene		<1.00	µg/L	1.00
1,2-Dibromo-3-chloropropane		<2.00	µg/L	2.00
1,2,3-Trichlorobenzene		<5.00	µg/L	5.00
1,2,4-Trichlorobenzene		<5.00	µg/L	5.00
Naphthalene		<5.00	µg/L	5.00
Hexachlorobutadiene		<5.00	µg/L	5.00

Sample: 62905 - Trip Blank

Param	Flag	Result	Units	RL
Bromochloromethane		<1.00	µg/L	1.00
Dichlorodifluoromethane		<1.00	µg/L	1.00
Chloromethane (methyl chloride)		<1.00	µg/L	1.00
Vinyl Chloride		<1.00	µg/L	1.00
Bromomethane (methyl bromide)		<1.00	µg/L	1.00
Chloroethane		<1.00	µg/L	1.00
Trichlorofluoromethane		<1.00	µg/L	1.00
Acetone		**53.7**	µg/L	10.0
Iodomethane (methyl iodide)		<5.00	µg/L	5.00
Carbon Disulfide		<1.00	µg/L	1.00
Acrylonitrile		<1.00	µg/L	1.00
2-Butanone (MEK)		<5.00	µg/L	5.00
4-Methyl-2-pentanone (MIBK)		<5.00	µg/L	5.00

continued ...

sample 62905 continued ...

Param	Flag	Result	Units	RL
2-Hexanone		<1.00	µg/L	1.00
trans 1,4-Dichloro-2-butene		<10.0	µg/L	10.0
1,1-Dichloroethene		<1.00	µg/L	1.00
Methylene chloride		<5.00	µg/L	5.00
MTBE		<1.00	µg/L	1.00
trans-1,2-Dichloroethene		<1.00	µg/L	1.00
1,1-Dichloroethane		<1.00	µg/L	1.00
cis-1,2-Dichloroethene		<1.00	µg/L	1.00
2,2-Dichloropropane		<1.00	µg/L	1.00
1,2-Dichloroethane (EDC)		<1.00	µg/L	1.00
Chloroform		<1.00	µg/L	1.00
1,1,1-Trichloroethane		<1.00	µg/L	1.00
1,1-Dichloropropene		<1.00	µg/L	1.00
Benzene		<1.00	µg/L	1.00
Carbon Tetrachloride		<1.00	µg/L	1.00
1,2-Dichloropropane		<1.00	µg/L	1.00
Trichloroethene (TCE)		<1.00	µg/L	1.00
Dibromomethane (methylene bromide)		<1.00	µg/L	1.00
Bromodichloromethane		<1.00	µg/L	1.00
2-Chloroethyl vinyl ether		<5.00	µg/L	5.00
cis-1,3-Dichloropropene		<1.00	µg/L	1.00
trans-1,3-Dichloropropene		<1.00	µg/L	1.00
Toluene		<1.00	µg/L	1.00
1,1,2-Trichloroethane		<1.00	µg/L	1.00
1,3-Dichloropropane		<1.00	µg/L	1.00
Dibromochloromethane		<1.00	µg/L	1.00
1,2-Dibromoethane (EDB)		<1.00	µg/L	1.00
Tetrachloroethene (PCE)		<1.00	µg/L	1.00
Chlorobenzene		<1.00	µg/L	1.00
1,1,1,2-Tetrachloroethane		<1.00	µg/L	1.00
Ethylbenzene		<1.00	µg/L	1.00
m,p-Xylene		<1.00	µg/L	1.00
Bromoform		<1.00	µg/L	1.00
Styrene		<1.00	µg/L	1.00
o-Xylene		<1.00	µg/L	1.00
1,1,2,2-Tetrachloroethane		<1.00	µg/L	1.00
2-Chlorotoluene		<1.00	µg/L	1.00
1,2,3-Trichloropropane		<1.00	µg/L	1.00
Isopropylbenzene		<1.00	µg/L	1.00
Bromobenzene		<1.00	µg/L	1.00
n-Propylbenzene		<1.00	µg/L	1.00
1,3,5-Trimethylbenzene		<1.00	µg/L	1.00
tert-Butylbenzene		<1.00	µg/L	1.00
1,2,4-Trimethylbenzene		<1.00	µg/L	1.00
1,4-Dichlorobenzene (para)		<1.00	µg/L	1.00
sec-Butylbenzene		<1.00	µg/L	1.00
1,3-Dichlorobenzene (meta)		<1.00	µg/L	1.00
p-Isopropyltoluene		<1.00	µg/L	1.00
4-Chlorotoluene		<1.00	µg/L	1.00
1,2-Dichlorobenzene (ortho)		<1.00	µg/L	1.00
n-Butylbenzene		<1.00	µg/L	1.00
1,2-Dibromo-3-chloropropane		<2.00	µg/L	2.00
1,2,3-Trichlorobenzene		<5.00	µg/L	5.00

continued ...

sample 62905 continued ...

Param	Flag	Result	Units	RL
1,2,4-Trichlorobenzene		<5.00	µg/L	5.00
Naphthalene		<5.00	µg/L	5.00
Hexachlorobutadiene		<5.00	µg/L	5.00

Summary Report

Gandy Marley Inc.
Box 1658
Roswell, NM 88202

Report Date: May 23, 2005

Work Order: 5051704

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
62897	OCD Cell #15	soil	2005-05-16	10:10	2005-05-16
62898	OCD Cell #16	soil	2005-05-16	10:25	2005-05-16
62899	OCD Cell #17	soil	2005-05-16	11:00	2005-05-16
62900	OCD Cell #18	soil	2005-05-16	11:10	2005-05-16
62901	OCD Cell #19	soil	2005-05-16	17:25	2005-05-16
62902	OCD Cell #20	soil	2005-05-16	17:15	2005-05-16

	BTEX				MTBE	TPH 418.1
	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	TRPHC
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
62897 - OCD Cell #15	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
62898 - OCD Cell #16	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
62899 - OCD Cell #17	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
62900 - OCD Cell #18	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
62901 - OCD Cell #19	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
62902 - OCD Cell #20	<0.0100	**0.0552**	**0.0215**	**0.101**		<10.0

Sample: 62897 - OCD Cell #15

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
Total Calcium		**1940**	mg/Kg	50.0
Chloride		<100	mg/Kg	1.00
Specific Conductance		**169**	μMHOS/cm	0.00
Total Potassium		**1560**	mg/Kg	50.0
Total Magnesium		**1930**	mg/Kg	50.0
Total Sodium		**133**	mg/Kg	50.0
pH		**8.22**	s.u.	0.00
Sulfate		<200	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.81**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500

continued ...

sample 62897 continued ...

Param	Flag	Result	Units	RL
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 62898 - OCD 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		**96.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**96.0**	mg/Kg as CaCo3	4.00
Total Calcium		**115000**	mg/Kg	50.0
Chloride		**1020**	mg/Kg	1.00
Specific Conductance		**3370**	µMHOS/cm	0.00
Total Potassium		**1300**	mg/Kg	50.0
Total Magnesium		**2610**	mg/Kg	50.0
Total Sodium		**520**	mg/Kg	50.0
pH		**7.65**	s.u.	0.00
Sulfate		**581**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.04**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 62899 - OCD 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		**64.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**64.0**	mg/Kg as CaCo3	4.00
Total Calcium		**109000**	mg/Kg	50.0
Chloride		**492**	mg/Kg	1.00
Specific Conductance		**1280**	µMHOS/cm	0.00
Total Potassium		**1370**	mg/Kg	50.0
Total Magnesium		**4440**	mg/Kg	50.0
Total Sodium		**456**	mg/Kg	50.0
pH		**8.07**	s.u.	0.00
Sulfate		**31.5**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.55**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100

continued ...

sample 62899 continued ...

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

Sample: 62900 - OCD 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		**82.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**82.0**	mg/Kg as CaCo3	4.00
Total Calcium		**112000**	mg/Kg	50.0
Chloride		**300**	mg/Kg	1.00
Specific Conductance		**838**	µMHOS/cm	0.00
Total Potassium		**1370**	mg/Kg	50.0
Total Magnesium		**3290**	mg/Kg	50.0
Total Sodium		**389**	mg/Kg	50.0
pH		**8.17**	s.u.	0.00
Sulfate		**55.1**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.31**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 62901 - OCD 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		**52.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**52.0**	mg/Kg as CaCo3	4.00
Total Calcium		**1920**	mg/Kg	50.0
Chloride		**471**	mg/Kg	1.00
Specific Conductance		**1460**	µMHOS/cm	0.00
Total Potassium		**1360**	mg/Kg	50.0
Total Magnesium		**1290**	mg/Kg	50.0
Total Sodium		**458**	mg/Kg	50.0
pH		**7.97**	s.u.	0.00
Sulfate		**55.0**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.62**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 62902 - OCD 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		**88.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**88.0**	mg/Kg as CaCo3	4.00
Total Calcium		**80600**	mg/Kg	50.0
Chloride		**120**	mg/Kg	1.00
Specific Conductance		**693**	μMHOS/cm	0.00
Total Potassium		**1370**	mg/Kg	50.0
Total Magnesium		**4670**	mg/Kg	50.0
Total Sodium		**460**	mg/Kg	50.0
pH		**8.36**	s.u.	0.00
Sulfate		**172**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.96**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
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 was 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, major cations and anions, general chemistry characteristics, and RCRA 8 Metals. Soil Samples were collected in two 4 ounce glass jars containing no preservative. Monitor wells were purged a minimum of three well volumes using a Redi-flo2 1.8" inch submersible pump, with parameters of temperature, conductivity, pH, water level, turbidity, volume purged in gallons, dissolved oxygen, and flow rate observed and recorded at regular intervals during purging of the monitor wells. Groundwater parameters were well stabilized before sampling. Groundwater samples were collected in laboratory provided containers, and then analyzed by Trace Analysis Laboratory for Cations, Anions, pH, VOC's and Semi-VOC's, TPH, Specific Conductance, TCLP Metals, and Alkalinity. The pump was de-contaminated by pumping with an Alconox soap solution and potable water between monitor wells.

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 /Monitor Well Data Forms / Site Photographs / GPS Coordinates

THE REPRODUCTION OF

THE

FOLLOWING

DOCUMENT (S)

CANNOT BE IMPROVED

DUE TO

THE CONDITION OF

THE ORIGINAL

05/10/05 Quarterly Soil Sampling 1st qtr. 2005

Gandy-Marley Landfarm Chaves Co, NM

Page 1 of 2 By: Clayton M Ballard

Cell #	Time:	Sample - SPS Coord.	JPEG Photo	NOTES:
Cell #1	12:20	N33°23'10.8" W103°49'43.5"	1	Red Clayey Sand No odor or stain
Cell #2	12:45	N33°23'12.5" W103°49'43.8"	2	36" BGS. Red Clayey Sand No odor or stain.
Cell #3	13:00	33°23'12.4" 103°49'45.1"	3	36" BGS. Red Clayey Sand. No odor or stain.
Cell #4	13:15	33°23'12.4" 103°49'47.4"	4	36" BGS. Brown Sand Slight odor Caliche @ 21 BGS.
Cell #5	13:30	33°23'12.8" 103°49'50.1"	5	Slight stain No odor - Brown Sandy - Clayey Sand.
Cell #6	13:45	33°23'11.1" 103°49'50.4"	6	29" BGS. Brown - clayey Sand w/ caliche No stain or odor @ 36' BGS
Cell #7	14:00	33°23'12.5" 103°49'53.8"	7	Brown clayey Sand w/ caliche No odor or stain @ 29" BGS
Cell #8	14:10	33°23'11.0 103°49.55.6	8	Brown Clayey Sand Caliche w/ No odor or stain @ 30" BGS.
Cell #9	14:25	33°23'12.9" 103°49'58.1	9	Brown Clayey Sand. No odor slight stain @ 34" BGS
Cell #10	14:35	33°23'10.7" 103°49'58.5"	10	Brown clayey Sand w/ caliche No odor or stain @ 31" BGS.

5/10/05 Quarterly Soil Sampling 1st qtr. 2005

Gandy-Marley Landfarm Chaves Co, NM

Page 2 of 2 By: Clayton M Ballard

Cell #	Time	Sample - GPS Coord.	JPEG Photo	NOTES:
Cell #11	1450	N33°23'10.1" W103°50'01.3"	11	
Cell #12	1500	33°23'11.6" 103°50'02.8"	12	
Cell #13	1610	33°23'12.2 103°50'05.8"	13	
Cell #14	1620	33°23'10.0" 103°50'08.5"	14	
05/12/05				
Cell #15	10:10	33°23'12.6" 103°50'11.6"	15	
Cell #16	10:25	33°23'10.3" 103°50'12.5"	16	
Cell #17	11:00	33°23'11.9" 103°50'16.5"	17	
Cell #18	11:10	33°23'08.2" 103°50'18.6"	18	
Cell #19 @ 17:25		33°23'12.6" 103°50'21.7"	19	
Cell #20 @ 17:15		33° 23' 09.4" 103° 50' 23.2"	20	

CMB ENVIRONMENTAL & GEOLOGICAL SERVICES, INC. - WELL DATA FORM

Type Well ☒ MW ☐ Production ☐ Other _____	Type of Data ☒ Development ☒ Sampling ☒ Pump Test ☐ Other _____	Well No. MW-1 Sheet 1 of 2 Sheets
1. Project Well Development Pump Test & GW Sampling	2. Project Location Gandy Marley Landfarm Chaves Co, NM Sec. 4, 5, 8, 9 T.11.S. R31E.	3. Date 05/16/05
4. Technician CM Barnhill, PE.		
7. Method Pumping Surging Air Lift Bailing Other	8. Manufacturer's Designation of Rig DSR-2001	9. Location of Well (Site, Description) MW-1: N33°25' 11.7" W 104°52' 12.5"

Water Levels

Initial	Final	Final + 24 Hours
Date: 05/16/05 Time: ~~PM~~ 13:55	Date: 05/16/05 Time: 16:40	Date: Time:
10. Total Depth of Well (from TOC) 203.20'	15. Total Depth of Well (from TOC) 203.20	20. Total Depth of Well (from TOC)
11. Water Level (from TOC) 130.32'	16. Water Level (from TOC) 173.52	21. Water Level (from TOC)

12. Water Column Height 72.88'	Nom Dia	x = gal/ft Sch 40	Sch 80	17. 3 Well Volumes 146.48 Gallons
13. Well Diameter 4" SCH 40 PVC MW	2"	0.16	0.1534	18. 5 Well Volumes 244.10 Gallons.
14. Well Volume (gal) (s) w.e. height) 48.82 Gal	~~4"~~ 4"	~~0.67~~ 0.65	0.5972	19. Purge Volume 70 Gallons
	6"	1.47	1.3540	
	8"	2.61	2.3720	

22. Size and Type of Pump or Bailer: 1.8" Submersible Redi flo 2 Set @ T.D.

Final Field Analysis

23. Total Amount of Water Removed	24. Was Well Pumped Dry?	25. Was water added to well?	26. Was the Groundwater Sampled
70 Gallons	Yes ~~No~~	~~No~~ Yes If yes, source:	~~Yes~~ No If yes, what was the sample number & Date: Sampling Personnel? MW-1 05/16/05 CM Barnhill @ 12:45

27. Final Parameters

Time	Temp C	Conductivity (mS)	pH	NTUs	WL	Removed	Flow Rate	Photo Roll #, Observations
15:13	22.5	13.6	7.96	Turbid	189.45	70 Gl.	~~3.36 gpm~~ 3.625	Turbid

IF PETROLEUM IS IN THE WELL, DO NOT TAKE pH AND CONDUCTIVITY PARAMETERS

28. Physical Appearance and Remarks: Clear initially, Turbid @ 70 Gallons Purged.

29. Purgewater disposal method: On Ground Surface

Sampling / Development Parameters

Time	Temp C	Conductivity (mS)	pH	NTUs	WL (from TOC)	Volume (gallons)	Dissolved Oxygen	Flow Rate (gpm)	Photo #, Observ. (1)
14:14	20.2	13.5	8.13	Clear	130.32	Initial	4.4	2.5	Clear H2O
14:19	20.4	13.8	8.09	Clear	145.20	10	3.9	3.6	Clear H2O
14:24	20.6	14.0	8.07	Clear	151.70	20	4.0	2.5	Clear H2O
14:29	20.7	13.9	8.01	Clear	157.20	30	4.2	2.5	Clear H2O
14:37	21.0	13.5	8.00	Clear	167.0	40	3.1	1.15	Clear
14:47	21.6	12.7	7.98	Slight Turbid	175.65	50	3.5	1.0	Slight Turbid
14:57	21.8	13.4	8.06	Slight Turbid	181.40	60	3.7	1.0	Slight Turbid
15:13	22.5	13.6	7.96	Turbid	189.45	70	3.3	3.625	Turbid

(1) Note volume and physical character of sediments removed. Removed pump - will let well recharge

NTU = Nephelometric turbidity units

WL = Water Level from Top of PVC Casing

Checked By _____ Date 05/16/05

CMB CONSULTING GEOLOGIST
WELL DATA FORM

Well No. MW-1

Sheet 2 of ~~2~~ Sheets

1. Project Well Development Pump Test —

2. Project Location Gandy Marley Landfarm Chaves Co, NM

3. Date 05/16/05

4. Technician CM Barnhill, PG

Sampling / Development Parameters, Continued

Time	~~DTW~~ ~~Temp C~~	Conductivity (umhos/cm)	pH/D.O.	NTUs	WL (from TOC)	Volume (gallons)	Flow Rate (gpm)	Photo #, Observations (1)
15:23	184.75							
15:24	184.60							
15:25	184.40							
15:26	184.15							
15:27	183.90							
15:28	183.62							
15:29	183.37							
15:30	183.14							
15:31	182.92							
15:32	182.75							
15:33	182.60							
15:34	182.50							
15:35	182.35							
15:36	182.20							
15:37	182.05							
15:38	181.90							
15:39	181.75							
15:40	181.60							
15:50	180.25							
16:00	178.82							
16:10	177.35							
16:20	176.0							
16:30	174.75							
16:40	173.52							

NTU = Nephelometric turbidity units

WL = Water Level from Top of PVC Casing

Checked By Clayton M Barnhill PG

Date 05/16/05

CMB CONSULTING GEOLOGIST
WELL DATA FORM

Well No. MW-1
Sheet 1
of 1 Sheets

1. Project: Pump Test MW-1
2. Project Location: Gandy Marley Landfarm · Chaves Co, NM.
3. Date: 05/17/05
4. Technician: CM Barnhill, PG

Sampling / Development Parameters, Continued

Time	Temp C	Conductivity (~~umhos/cm~~ mS)	pH / D.O	NTUs	WL (from TOC)	Volume (gallons)	Flow Rate (gpm)	Photo #, Observations (1)
13:30					131.32	Initial		
13:35	Set pump in well (1.8" Red-Flo 2 Submersible) @ T.D. = 203.10'							
13:36	Started pumping well				129.62	Initial	—	—
13:36	22.3	10.98	8.0/3.8	TURBID	129.62	Initial		~~TURBID~~ Ref: 14
13:47	21.5	11.08	8.02/3.2	TURBID	153.80	20	1.8	TURBID
13:58	21.3	10.70	7.91/2.4	TURBID	163.95	40	1.8	TURBID
14:09	21.6	10.60	7.99/3.0	TURBID	177.40	60	1.8	TURBID
14:30	22.6	10.8	8.13/4.6	TURBID - DRY		80	0.95	TURBID
14:30	Pumped well DRY @ 80 Gallons purged - Removed Pump							
Let	well re-charge							

Time	DTW	Time	DTW
~~14:13~~:40	187.80	14:58	183.40
~~14:13~~:41	187.60	14:59	183.15
~~14:13~~:42	187.35	15:00	182.95
~~14:13~~:43	187.10	15:10	181.50
~~14:13~~:44	186.80	15:20	180.0
~~14:13~~:45	186.60	15:30	178.90
~~14:13~~:46	186.35	15:50	176.20
~~14:13~~:47	186.10	16:00	175.0
~~14:13~~:48	185.85		
~~14:13~~:49	185.60		
~~14:13~~:50	185.35		
~~14:13~~:51	185.0		
~~14:13~~:52	184.85		
~~14:13~~:53	184.65		
~~14:13~~:54	184.30		
~~14:13~~:55	184.15		
~~14:13~~:56	183.85		
~~14:13~~:57	183.65		

NTU = Nephelometric turbidity units
WL = Water Level from Top of PVC Casing

Checked By: PG
Date: 05/17/05

CMB ENVIRONMENTAL & GEOLOGICAL SERVICES, INC. - WELL DATA FORM

Type Well ☒ MW ☐ Production ☐ Other _____	Type of Data ☒ Development ☒ Sampling ☒ Pump Test ☐ Other _____	Well No. MW-2 Sheet 1 of 2 Sheets
1. Project Well Development Pump Test & GW Sampling	2. Project Location Gandy Marley Landfarm	3. Date 05/16/05
4. Technician CM Barnhill, PG	Chaves Co. NM Sec. 4, 5, 8, 9 T.11.S. R.31E.	
7. Method (Pumping) Surging Air Lift Bailing Other	8. Manufacturer's Designation of Rig DSR-2001	9. Location of Well (Site, Description) N 33°23'05.0" MW-2: W 103°50'20.7"

Water Levels

GPS Coordinates

Initial	Final	Final + 24 Hours
Date: 05/16/05 Time: 0856	Date: 05/16/05 Time: 13:15	Date: Time:
10. Total Depth of Well (from TOC) 180.0'	15. Total Depth of Well (from TOC) 180.60	20. Total Depth of Well (from TOC)
11. Water Level (from TOC) 122.62'	16. Water Level (from TOC) 137.30'	21. Water Level (from TOC)

12. Water Column Height 57.38'	Nom Dia	x = gal/ft Sch 40	Sch 80	17. 3 Well Volumes 115.33 Gallons
13. Well Diameter 4" SCH 40 PVC MW	2"	0.16	0.1534	18. 5 Well Volumes 192.22 Gallons
	(4")	(0.67)	0.5972	
	6"	1.47	1.3540	
14. Well Volume (gal) (s) w.e. height) 38.446 Gallons	8"	2.61	2.3720	19. Purge Volume 95 Gallons

22. Size and Type of (Pump) or Bailer
1.8" Submersible Redi-flo2 Set @ 175' From TOC

Final Field Analysis

23. Total Amount of Water Removed	24. Was Well Pumped Dry?	25. Was water added to well?	26. Was the Groundwater Sampled
95 Gallons	(Yes) No @ 95 Gallons purged	(No) Yes If yes, source:	(Yes) No If yes, what was the sample number & Date: Sampling Personnel? MW-2, 05/16/05 CM Barnhill @ 12:10

27. Final Parameters

Time	Temp C	m/s Conductivity	pH	NTUs	WL	Removed	Flow Rate	Photo Roll #, Observations
10:06	20.5	11.92	8.13	Turbid	174.5'	95 Gallons	2.5 GPM	Turbid Red Silt

IF PETROLEUM IS IN THE WELL, DO NOT TAKE pH AND CONDUCTIVITY PARAMETERS

28. Physical Appearance and Remarks: Turbid Red Silt - in H_2O

29. Purgewater disposal method: On Ground Surface.

Sampling / Development Parameters

m/s/e

Time	Temp C	m/s Conductivity	pH	NTUs	WL (from TOC)	Volume (gallons)	Dissolved Oxygen	Flow Rate (gpm)	Photo #, Observ. (1)
0930	17.9°	11.12	7.90	Turbid	122.62'	initial	4.8	2.5	Red Silt
0932	19.1°	11.46	8.04	Turbid	129.65'	5	4.4	2.5	Red Silt
0934	19.6	11.60	8.07	Turbid	133.10'	10	4.5	2.5	Red Silt
0936	19.6	11.64	8.11	Turbid	136.35'	15	4.6	2.5	Red Silt
0938	19.6	11.56	8.06	Turbid	140.10'	20	4.6	2.5	Red Silt
0940	19.6	11.59	8.14	Turbid	143.43'	25	4.9	2.5	Red Silt
0942	19.6	11.59	8.15	Turbid	146.35	30	4.6	2.5	Red Silt
0944	19.6	11.24	8.17	Turbid	148.47	35	5.4	2.5	Red Silt

(1) Note volume and physical character of sediments removed.
NTU = Nephelometric turbidity units
WL = Water Level from Top of PVC Casing

Checked By: Clayton M Barnhill PG — Date: 05/16/05

CMB CONSULTING GEOLOGIST
WELL DATA FORM

Well No. MW-2
Sheet 2
of Sheets 2

1. Project Well Development Pump Test & GW Sampling
2. Project Location Gandy Marley Landfarm Chaves Co, NM
3. Date 05/16/05
4. Technician CM Barnhill, PG

Sampling / Development Parameters, Continued

Time	Temp C	Conductivity (umhos/cm) M/S	pH / D.O	NTUs	WL (from TOC)	Volume (gallons)	Flow Rate (gpm)	Photo #, Observations (1)
0946	19.7	10.99	8.16 / 4.9	TURBID	152.0	40	2.5	Red Silt
0948	19.8	11.11	8.15 / 5.4	TURBID	154.15	45	2.5	Red Silt
0950	19.9	11.32	8.16 / 5.1	TURBID	156.52	50	2.5	Red Silt
0952	19.9	11.68	8.17 / 4.7	TURBID	158.80'	55	2.5	Red Silt
0954	20.0	11.77	8.12 / 4.9	TURBID	160.95	60	2.5	Red Silt
0956	20.0	11.87	8.16 / 4.5	TURBID	163.45	65	2.5	Red Silt
0958	19.9	11.93	8.16 / 4.1	TURBID	165.24	70	2.5	Red Silt
1000	20.0	12.03	8.14 / 4.1	TURBID	168.05	75	2.5	Red Silt
1002	20.0	12.05	8.12 / 3.5	TURBID	170.05	80	2.5	Red Silt
10:04	20.0	12.19	8.09 / 2.9	TURB	172.35	85	2.5	Red Silt
10:06	20.5	11.92	8.13 / 3.4	TURBID	174.45	90	2.5	Red Silt
10:08	well	Pumped down to 5' off BOTTOM				95	2.5	Red Silt
Removed pump - Let well recharge								

TIME	DTW	Time	DTW	TIME	DTW	Time	DTW
10:13	167.91	10:27	161.62	1041	157.35	1055	153.87'
10:14	167.25	10:28	161.32	1042	157.05	1056	153.70'
10:15	166.95	10:29	160.95	1043	156.80'	1057	153.46
10:16	166.42	10:30	160.65	1044	156.52	1058	153.27
10:17	165.95	10:31	160.30'	1045	156.27	1059	153.05'
10:18	165.47	10:32	160.0	1046	156.02	1100	152.85
10:19	164.95'	10:33	159.65	1047	155.80	~~155.05'~~	
10:20	164.55'	10:34	159.35'	1048	155.55'		
10:21	164.10'	10:35	159.02'	1049	155.30'	11:10	150.87
10:22	163.66	10:36	158.72'	1050	155.05'	11:20	149.11
10:23	163.25	10:37	158.40'	1051	154.80'	11:30	147.55
10:24	162.85	10:38	158.15	1052	154.56'	11:40	146.16
10:25	162.47	10:39	157.85'	1053	154.33	11:50	144.95'
10:26	162.05	10:40	157.55'	1054	154.10'	12:00	143.80'

NTU = Nephelometric turbidity units

WL = Water Level from Top of PVC Casing

Checked By Clayton M Barnhill PG

Date 05/16/05

CMB CONSULTING GEOLOGIST
WELL DATA FORM

Well No. MW-2
Sheet 1
of 1 Sheets

1. Project: Pump Test MW-2
2. Project Location: Gandy Marley Landfarm, Chaves Co, NM
3. Date: 05/17/05
4. Technician: CM Barnhill, PE

Sampling / Development Parameters, ~~Continued~~

Time	Temp C	Conductivity (~~umhos/cm~~) mS	pH / D.O.	NTUs	WL (from TOC)	Volume (gallons)	Flow Rate (gpm)	Photo #, Observations (1)
10:36					124.70'	Initial		
10:40	Set well pump in well (1.8" Redi-Flo2 Submersible) @ T.D. 179.40'							
10:50	Started pumping well				123.0'	—	—	—
10:50	20.4	9.96	7.87/2.9	TURBID	123.0	Initial	1.81	TURBID Red Silt
11:01	20.4	10.53	8.08/3.1	TURBID	139.95'	20	1.81	TURBID Red Silt
11:10	20.7	10.48	8.0/3.5	TURBID	150.0	40	2.22	TURBID Red Silt
11:21 ~~11:20~~	21.0	10.31	8.12/4.5	TURBID	159.82'	60	1.81	TURBID Red
11:38	21.3	10.20	8.03/3.6	TURBID	172.85'	80'	1.17	TURBID Red Silt
11:40 - Let well Recharge	Well pumped Dry @ 82 Gallons Purged - Removed pump							
TIME:	DTW							
~~11:48~~	165.60							
11:49	165.40							
11:50	165.10							
11:51	164.70							
11:52	164.30							
11:53	163.90							
11:54	163.55							
11:55	163.15							
11:56	162.80							
11:57	162.45							
11:58	162.10							
11:59	161.75							
12:00	161.40							
12:10	158.5							
12:20	156.10							
12:30	153.95							
12:40	152.10							
12:50	150.40							
13:00	148.90							

NTU = Nephelometric turbidity units

WL = Water Level from Top of PVC Casing

Checked By: [signature]

Date: 05/17/05

Gandy Marley Landfarm (NM-711-1-0020)
SW/4 of Section 4, SE/4of Section 5, NE/4 of Section 8 and the NW/4 of Section 9,
Township 11 South, Range 31 East, NMPM Chaves County, New Mexico

OCD Cell #1 Sample
N 33° 23' 10.8"
W 103° 49' 43.5"

OCD Cell #2 Sample
N 33° 23' 12.5"
W 103° 49' 43.5"

OCD Cell # 3 Sample
N 33° 23' 12.4"
W 103° 45' 45.1"

OCD Cell # 4 Sample
N 33° 23' 12.4"
W 103° 49' 47.4"

OCD Cell # 5 Sample
N 33° 23' 12.8"
W 103° 49' 50.1"

OCD Cell # 6 Sample
N 33° 23' 11.1"
W 103° 49' 50.4"

OCD Cell # 7 Sample
N 33° 23' 12.5"
W 103° 49' 53.8"

OCD Cell # 8 Sample
N 33° 23' 11.0"
W 103° 49' 55.6"

OCD Cell # 9 Sample
N 33° 23' 12.9"
W 103° 49' 58.1"

OCD Cell # 10 Sample
N 33° 23' 10.7"
W 103° 49' 58.9"

OCD Cell # 11 Sample
N 33° 23' 12.9"
W 103° 50' 00.3"

OCD Cell # 12 Sample
N 33° 23' 11.0"
W 103° 50' 05.8"

OCD Cell # 13 Sample
N 33° 23' 12.7"
W 103° 50' 05.8"

OCD Cell # 14 Sample
N 33° 23' 10.0"
W 103° 50' 08.5"

OCD Cell # 15 Sample
N 33° 23' 12.6"
W 103° 50' 11.6"

OCD Cell # 16 Sample
N 33° 23' 10.5"
W 103° 50' 12.5"

OCD Cell # 17 Sample
N 33° 23' 11.9"
W 103° 50' 16.5"

OCD Cell # 18 Sample
N 33° 23' 08.2"
W 103° 50' 18.0"

OCD Cell # 19 Sample
N 33° 23' 12.0"
W 103° 50' 21.7"

OCD Cell # 20 Sample
N 33° 23' 09.6"
W 103° 50' 23.2"

Monitor Well #1
N 33° 23' 11.7"
W 103° 50' 12.3"

Monitor Well # 2
N 33° 23' 05.0"
W 103° 50' 20.7"

Appendix 3
Laboratory Reports

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
155 McCutcheon, Suite H El Paso, Texas 79932 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Gandy Marley Inc.
Box 1658
Roswell, NM 88202

Report Date: May 23, 2005

Work Order: 5051227

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

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
62394	OCD Cell #1	soil	2005-05-10	12:25	2005-05-12
62395	OCD Cell #2	soil	2005-05-10	12:45	2005-05-12
62396	OCD Cell #3	soil	2005-05-10	13:00	2005-05-12
62397	OCD Cell #4	soil	2005-05-10	13:15	2005-05-12
62398	OCD Cell #5	soil	2005-05-10	13:30	2005-05-12
62399	OCD Cell #6	soil	2005-05-10	13:45	2005-05-12
62400	OCD Cell #7	soil	2005-05-10	14:00	2005-05-12
62401	OCD Cell #8	soil	2005-05-10	14:10	2005-05-12
62402	OCD Cell #9	soil	2005-05-10	14:25	2005-05-12
62403	OCD Cell #10	soil	2005-05-10	14:35	2005-05-12
62404	OCD Cell #11	soil	2005-05-10	14:50	2005-05-12
62405	OCD Cell #12	soil	2005-05-10	15:00	2005-05-12
62406	OCD Cell #13	soil	2005-05-10	16:10	2005-05-12
62407	OCD Cell #14	soil	2005-05-10	16:20	2005-05-12

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 57 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Blair Leftwich

Dr. Blair Leftwich, Director

Analytical Report

Sample: 62394 - OCD Cell #1

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18234	Date Analyzed:	2005-05-20	Analyzed By:	RS
Prep Batch:	16054	Sample Preparation:	2005-05-20	Prepared By:	RS

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		**68.9**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**68.9**	mg/Kg as CaCo3	1	4.00

Sample: 62394 - OCD Cell #1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18040	Date Analyzed:	2005-05-12	Analyzed By:	MT
Prep Batch:	15893	Sample Preparation:	2005-05-12	Prepared By:	MT

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)		0.765	mg/Kg	10	0.100	76	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.799	mg/Kg	10	0.100	80	36.6 - 112

Sample: 62394 - OCD Cell #1

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18225	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16042	Sample Preparation:	2005-05-18	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**249**	mg/Kg	5	1.00

Sample: 62394 - OCD Cell #1

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18206	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16033	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**1160**	µMHOS/cm	1	0.00

Sample: 62394 - OCD Cell #1

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18204	Date Analyzed:	2005-05-18	Analyzed By:	RS
Prep Batch:	16032	Sample Preparation:	2005-05-18	Prepared By:	RS

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

Sample: 62394 - OCD Cell #1

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18125	Date Analyzed:	2005-05-16	Analyzed By:	TP
Prep Batch:	15924	Sample Preparation:	2005-05-15	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**88800**	mg/Kg	1000	50.0
Total Magnesium		<5000	mg/Kg	100	50.0
Total Potassium		<5000	mg/Kg	100	50.0
Total Sodium		<5000	mg/Kg	100	50.0

Sample: 62394 - OCD Cell #1

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18225	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16042	Sample Preparation:	2005-05-18	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**353**	mg/Kg	10	2.00

Sample: 62394 - OCD Cell #1

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18043	Date Analyzed:	2005-05-13	Analyzed By:	TP
Prep Batch:	15895	Sample Preparation:	2005-05-13	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18086	Date Analyzed:	2005-05-16	Analyzed By:	RR
Prep Batch:	15894	TCLP Extraction:	2005-05-13	Prepared By:	TP
		Sample Preparation:	2005-05-13	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		**1.53**	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		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 62394 - OCD Cell #1

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	18127	Date Analyzed:	2005-05-16	Analyzed By:	DS
Prep Batch:	15969	Sample Preparation:	2005-05-16	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**72.3**	mg/Kg	1	10.0

Sample: 62395 - OCD Cell #2

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18234	Date Analyzed:	2005-05-20	Analyzed By:	RS
Prep Batch:	16054	Sample Preparation:	2005-05-20	Prepared By:	RS

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: 62395 - OCD Cell #2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18124	Date Analyzed:	2005-05-16	Analyzed By:	
Prep Batch:	15968	Sample Preparation:	2005-05-16	Prepared By:	

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		**0.0188**	mg/Kg	10	0.00100
Xylene		**0.0310**	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.894	mg/Kg	10	0.100	89	74.5 - 114

continued ...

sample continued . . .

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-Bromofluorobenzene (4-BFB)		0.999	mg/Kg	10	0.100	100	36.6 - 112

Sample: 62395 - OCD Cell #2

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18225	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16042	Sample Preparation:	2005-05-18	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**708**	mg/Kg	50	1.00

Sample: 62395 - OCD Cell #2

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18206	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16033	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**2080**	µMHOS/cm	1	0.00

Sample: 62395 - OCD Cell #2

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18204	Date Analyzed:	2005-05-18	Analyzed By:	RS
Prep Batch:	16032	Sample Preparation:	2005-05-18	Prepared By:	RS

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

Sample: 62395 - OCD Cell #2

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18125	Date Analyzed:	2005-05-16	Analyzed By:	TP
Prep Batch:	15924	Sample Preparation:	2005-05-15	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**10100**	mg/Kg	1	50.0
Total Magnesium		**3770**	mg/Kg	1	50.0
Total Potassium		**3190**	mg/Kg	1	50.0
Total Sodium		**864**	mg/Kg	1	50.0

Sample: 62395 - OCD Cell #2

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18225	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16042	Sample Preparation:	2005-05-18	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**148**		mg/Kg	5	2.00

Sample: 62395 - OCD Cell #2

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18043	Date Analyzed:	2005-05-13	Analyzed By:	TP
Prep Batch:	15895	Sample Preparation:	2005-05-13	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18086	Date Analyzed:	2005-05-16	Analyzed By:	RR
Prep Batch:	15894	TCLP Extraction:	2005-05-13	Prepared By:	TP
		Sample Preparation:	2005-05-13	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**1.56**		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		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 62395 - OCD Cell #2

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	18127	Date Analyzed:	2005-05-16	Analyzed By:	DS
Prep Batch:	15969	Sample Preparation:	2005-05-16	Prepared By:	DS

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

Sample: 62396 - OCD Cell #3

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18234	Date Analyzed:	2005-05-20	Analyzed By:	RS
Prep Batch:	16054	Sample Preparation:	2005-05-20	Prepared By:	RS

continued ...

sample 62396 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		**58.0**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**58.0**	mg/Kg as CaCo3	1	4.00

Sample: 62396 - OCD Cell #3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18040	Date Analyzed:	2005-05-12	Analyzed By:	MT
Prep Batch:	15893	Sample Preparation:	2005-05-12	Prepared By:	MT

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)		0.809	mg/Kg	10	0.100	81	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.924	mg/Kg	10	0.100	92	36.6 - 112

Sample: 62396 - OCD Cell #3

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18225	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16042	Sample Preparation:	2005-05-18	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**62.2**	mg/Kg	5	1.00

Sample: 62396 - OCD Cell #3

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18206	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16033	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**1030**	µMHOS/cm	1	0.00

Sample: 62396 - OCD Cell #3

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18204	Date Analyzed:	2005-05-18	Analyzed By:	RS
Prep Batch:	16032	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**8.16**		s.u.	1	0.00

Sample: 62396 - OCD Cell #3

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18125	Date Analyzed:	2005-05-16	Analyzed By:	TP
Prep Batch:	15924	Sample Preparation:	2005-05-15	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**9680**		mg/Kg	1	50.0
Total Magnesium		**2310**		mg/Kg	1	50.0
Total Potassium		**1840**		mg/Kg	1	50.0
Total Sodium		**1000**		mg/Kg	1	50.0

Sample: 62396 - OCD Cell #3

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18225	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16042	Sample Preparation:	2005-05-18	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**424**		mg/Kg	10	2.00

Sample: 62396 - OCD Cell #3

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18043	Date Analyzed:	2005-05-13	Analyzed By:	TP
Prep Batch:	15895	Sample Preparation:	2005-05-13	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18086	Date Analyzed:	2005-05-16	Analyzed By:	RR
Prep Batch:	15894	TCLP Extraction:	2005-05-13	Prepared By:	TP
		Sample Preparation:	2005-05-13	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**1.51**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500

continued . . .

sample 62396 continued...

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Chromium		<0.100		mg/L	1	0.100
TCLP Mercury		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 62396 - OCD Cell #3

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	18127	Date Analyzed:	2005-05-16	Analyzed By:	DS
Prep Batch:	15969	Sample Preparation:	2005-05-16	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
TRPHC		**120**		mg/Kg	1	10.0

Sample: 62397 - OCD Cell #4

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18234	Date Analyzed:	2005-05-20	Analyzed By:	RS
Prep Batch:	16054	Sample Preparation:	2005-05-20	Prepared By:	RS

Parameter	Flag	Result	RL	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		**72.5**		mg/Kg as CaCo3	1	4.00
Total Alkalinity		**72.5**		mg/Kg as CaCo3	1	4.00

Sample: 62397 - OCD Cell #4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18040	Date Analyzed:	2005-05-12	Analyzed By:	MT
Prep Batch:	15893	Sample Preparation:	2005-05-12	Prepared By:	MT

Parameter	Flag	Result	RL	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)		0.839	mg/Kg	10	0.100	84	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.961	mg/Kg	10	0.100	96	36.6 - 112

Sample: 62397 - OCD Cell #4

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18225	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16042	Sample Preparation:	2005-05-18	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**30.1**		mg/Kg	5	1.00

Sample: 62397 - OCD Cell #4

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18206	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16033	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**1590**		µMHOS/cm	1	0.00

Sample: 62397 - OCD Cell #4

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18204	Date Analyzed:	2005-05-18	Analyzed By:	RS
Prep Batch:	16032	Sample Preparation:	2005-05-18	Prepared By:	RS

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

Sample: 62397 - OCD Cell #4

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18125	Date Analyzed:	2005-05-16	Analyzed By:	TP
Prep Batch:	15924	Sample Preparation:	2005-05-15	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**65600**		mg/Kg	10	50.0
Total Magnesium		**1980**		mg/Kg	1	50.0
Total Potassium		**1400**		mg/Kg	1	50.0
Total Sodium		**1290**		mg/Kg	1	50.0

Sample: 62397 - OCD Cell #4

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18260	Date Analyzed:	2005-05-19	Analyzed By:	WB
Prep Batch:	16078	Sample Preparation:	2005-05-19	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**986**	mg/Kg	50	2.00

Sample: 62397 - OCD Cell #4

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18043	Date Analyzed:	2005-05-13	Analyzed By:	TP
Prep Batch:	15895	Sample Preparation:	2005-05-13	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18086	Date Analyzed:	2005-05-16	Analyzed By:	RR
Prep Batch:	15894	TCLP Extraction:	2005-05-13	Prepared By:	TP
		Sample Preparation:	2005-05-13	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		**1.73**	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		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 62397 - OCD Cell #4

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	18127	Date Analyzed:	2005-05-16	Analyzed By:	DS
Prep Batch:	15969	Sample Preparation:	2005-05-16	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**132**	mg/Kg	1	10.0

Sample: 62398 - OCD Cell #5

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18234	Date Analyzed:	2005-05-20	Analyzed By:	RS
Prep Batch:	16054	Sample Preparation:	2005-05-20	Prepared By:	RS

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		**142**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**142**	mg/Kg as CaCo3	1	4.00

Sample: 62398 - OCD Cell #5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18040	Date Analyzed:	2005-05-12	Analyzed By:	MT
Prep Batch:	15893	Sample Preparation:	2005-05-12	Prepared By:	MT

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)		0.796	mg/Kg	10	0.100	80	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.950	mg/Kg	10	0.100	95	36.6 - 112

Sample: 62398 - OCD Cell #5

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18225	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16042	Sample Preparation:	2005-05-18	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**10.9**	mg/Kg	5	1.00

Sample: 62398 - OCD Cell #5

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18206	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16033	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**245**	µMHOS/cm	1	0.00

Sample: 62398 - OCD Cell #5

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18204	Date Analyzed:	2005-05-18	Analyzed By:	RS
Prep Batch:	16032	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		**8.19**	s.u.	1	0.00

Sample: 62398 - OCD Cell #5

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18125	Date Analyzed:	2005-05-16	Analyzed By:	TP
Prep Batch:	15924	Sample Preparation:	2005-05-15	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**27300**		mg/Kg	10	50.0
Total Magnesium		**2370**		mg/Kg	1	50.0
Total Potassium		**1920**		mg/Kg	1	50.0
Total Sodium		**696**		mg/Kg	1	50.0

Sample: 62398 - OCD Cell #5

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18225	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16042	Sample Preparation:	2005-05-18	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**45.8**		mg/Kg	5	2.00

Sample: 62398 - OCD Cell #5

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18043	Date Analyzed:	2005-05-13	Analyzed By:	TP
Prep Batch:	15895	Sample Preparation:	2005-05-13	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18086	Date Analyzed:	2005-05-16	Analyzed By:	RR
Prep Batch:	15894	TCLP Extraction:	2005-05-13	Prepared By:	TP
		Sample Preparation:	2005-05-13	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**1.77**		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		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 62398 - OCD Cell #5

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	18127	Date Analyzed:	2005-05-16	Analyzed By:	DS
Prep Batch:	15969	Sample Preparation:	2005-05-16	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**1540**	mg/Kg	20	10.0

Sample: 62399 - OCD Cell #6

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18234	Date Analyzed:	2005-05-20	Analyzed By:	RS
Prep Batch:	16054	Sample Preparation:	2005-05-20	Prepared By:	RS

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: 62399 - OCD Cell #6

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18040	Date Analyzed:	2005-05-12	Analyzed By:	MT
Prep Batch:	15893	Sample Preparation:	2005-05-12	Prepared By:	MT

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)		0.838	mg/Kg	10	0.100	84	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.870	mg/Kg	10	0.100	87	36.6 - 112

Sample: 62399 - OCD Cell #6

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18225	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16042	Sample Preparation:	2005-05-18	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**23.0**	mg/Kg	5	1.00

Sample: 62399 - OCD Cell #6

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18206	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16033	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**755**		µMHOS/cm	1	0.00

Sample: 62399 - OCD Cell #6

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18204	Date Analyzed:	2005-05-18	Analyzed By:	RS
Prep Batch:	16032	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**8.33**		s.u.	1	0.00

Sample: 62399 - OCD Cell #6

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18125	Date Analyzed:	2005-05-16	Analyzed By:	TP
Prep Batch:	15924	Sample Preparation:	2005-05-15	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**127000**		mg/Kg	100	50.0
Total Magnesium		**4800**		mg/Kg	1	50.0
Total Potassium		**1950**		mg/Kg	1	50.0
Total Sodium		**929**		mg/Kg	1	50.0

Sample: 62399 - OCD Cell #6

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18260	Date Analyzed:	2005-05-19	Analyzed By:	WB
Prep Batch:	16078	Sample Preparation:	2005-05-19	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**246**		mg/Kg	10	2.00

Sample: 62399 - OCD Cell #6

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18043	Date Analyzed:	2005-05-13	Analyzed By:	TP
Prep Batch:	15895	Sample Preparation:	2005-05-13	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18086	Date Analyzed:	2005-05-16	Analyzed By:	RR
Prep Batch:	15894	TCLP Extraction:	2005-05-13	Prepared By:	TP
		Sample Preparation:	2005-05-13	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**1.81**		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		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 62399 - OCD Cell #6

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	18127	Date Analyzed:	2005-05-16	Analyzed By:	DS
Prep Batch:	15969	Sample Preparation:	2005-05-16	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
TRPHC		**205**		mg/Kg	1	10.0

Sample: 62400 - OCD Cell #7

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18234	Date Analyzed:	2005-05-20	Analyzed By:	RS
Prep Batch:	16054	Sample Preparation:	2005-05-20	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
Hydroxide Alkalinity		<1.00		mg/Kg as CaCo3	1	1.00
Carbonate Alkalinity		**80.0**		mg/Kg as CaCo3	1	1.00
Bicarbonate Alkalinity		**1920**		mg/Kg as CaCo3	1	4.00
Total Alkalinity		**2000**		mg/Kg as CaCo3	1	4.00

Sample: 62400 - OCD Cell #7

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18040	Date Analyzed:	2005-05-12	Analyzed By:	MT
Prep Batch:	15893	Sample Preparation:	2005-05-12	Prepared By:	MT

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)		0.847	mg/Kg	10	0.100	85	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.967	mg/Kg	10	0.100	97	36.6 - 112

Sample: 62400 - OCD Cell #7

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18261	Date Analyzed:	2005-05-19	Analyzed By:	WB
Prep Batch:	16080	Sample Preparation:	2005-05-19	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**49.1**	mg/Kg	5	1.00

Sample: 62400 - OCD Cell #7

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18206	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16033	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**366**	µMHOS/cm	1	0.00

Sample: 62400 - OCD Cell #7

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18204	Date Analyzed:	2005-05-18	Analyzed By:	RS
Prep Batch:	16032	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		**8.86**	s.u.	1	0.00

Sample: 62400 - OCD Cell #7

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18125	Date Analyzed:	2005-05-16	Analyzed By:	TP
Prep Batch:	15924	Sample Preparation:	2005-05-15	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**36100**	mg/Kg	10	50.0
Total Magnesium		**3040**	mg/Kg	1	50.0
Total Potassium		**2090**	mg/Kg	1	50.0
Total Sodium		**1020**	mg/Kg	1	50.0

Sample: 62400 - OCD Cell #7

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18261	Date Analyzed:	2005-05-19	Analyzed By:	WB
Prep Batch:	16080	Sample Preparation:	2005-05-19	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**65.6**	mg/Kg	5	2.00

Sample: 62400 - OCD Cell #7

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18043	Date Analyzed:	2005-05-13	Analyzed By:	TP
Prep Batch:	15895	Sample Preparation:	2005-05-13	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18086	Date Analyzed:	2005-05-16	Analyzed By:	RR
Prep Batch:	15894	TCLP Extraction:	2005-05-13	Prepared By:	TP
		Sample Preparation:	2005-05-13	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		**2.06**	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		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 62400 - OCD Cell #7

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	18127	Date Analyzed:	2005-05-16	Analyzed By:	DS
Prep Batch:	15969	Sample Preparation:	2005-05-16	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**45.0**	mg/Kg	1	10.0

Sample: 62401 - OCD Cell #8

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18234	Date Analyzed:	2005-05-20	Analyzed By:	RS
Prep Batch:	16054	Sample Preparation:	2005-05-20	Prepared By:	RS

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		**84.0**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**84.0**	mg/Kg as CaCo3	1	4.00

Sample: 62401 - OCD Cell #8

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18040	Date Analyzed:	2005-05-12	Analyzed By:	MT
Prep Batch:	15893	Sample Preparation:	2005-05-12	Prepared By:	MT

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)		0.833	mg/Kg	10	0.100	83	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.863	mg/Kg	10	0.100	86	36.6 - 112

Sample: 62401 - OCD Cell #8

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18260	Date Analyzed:	2005-05-19	Analyzed By:	WB
Prep Batch:	16078	Sample Preparation:	2005-05-19	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**12.9**	mg/Kg	5	1.00

Sample: 62401 - OCD Cell #8

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18206	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16033	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**817**	µMHOS/cm	1	0.00

Sample: 62401 - OCD Cell #8

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18204	Date Analyzed:	2005-05-18	Analyzed By:	RS
Prep Batch:	16032	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**8.42**		s.u.	1	0.00

Sample: 62401 - OCD Cell #8

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18125	Date Analyzed:	2005-05-16	Analyzed By:	TP
Prep Batch:	15924	Sample Preparation:	2005-05-15	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**161000**		mg/Kg	100	50.0
Total Magnesium		**2250**		mg/Kg	1	50.0
Total Potassium		**1070**		mg/Kg	1	50.0
Total Sodium		**1010**		mg/Kg	1	50.0

Sample: 62401 - OCD Cell #8

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18263	Date Analyzed:	2005-05-19	Analyzed By:	WB
Prep Batch:	16081	Sample Preparation:	2005-05-19	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**398**		mg/Kg	10	2.00

Sample: 62401 - OCD Cell #8

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18043	Date Analyzed:	2005-05-13	Analyzed By:	TP
Prep Batch:	15895	Sample Preparation:	2005-05-13	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18086	Date Analyzed:	2005-05-16	Analyzed By:	RR
Prep Batch:	15894	TCLP Extraction:	2005-05-13	Prepared By:	TP
		Sample Preparation:	2005-05-13	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**1.65**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500

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sample 62401 continued...

Parameter	Flag	RL Result	Units	Dilution	RL
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 62401 - OCD Cell #8

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	18127	Date Analyzed:	2005-05-16	Analyzed By:	DS
Prep Batch:	15969	Sample Preparation:	2005-05-16	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**28.5**	mg/Kg	1	10.0

Sample: 62402 - OCD Cell #9

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18234	Date Analyzed:	2005-05-20	Analyzed By:	RS
Prep Batch:	16054	Sample Preparation:	2005-05-20	Prepared By:	RS

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		**66.0**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**66.0**	mg/Kg as CaCo3	1	4.00

Sample: 62402 - OCD Cell #9

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18040	Date Analyzed:	2005-05-12	Analyzed By:	MT
Prep Batch:	15893	Sample Preparation:	2005-05-12	Prepared By:	MT

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)		0.790	mg/Kg	10	0.100	79	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.969	mg/Kg	10	0.100	97	36.6 - 112

Sample: 62402 - OCD Cell #9

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18260	Date Analyzed:	2005-05-19	Analyzed By:	WB
Prep Batch:	16078	Sample Preparation:	2005-05-19	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**15.2**		mg/Kg	5	1.00

Sample: 62402 - OCD Cell #9

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18206	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16033	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**567**		µMHOS/cm	1	0.00

Sample: 62402 - OCD Cell #9

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18204	Date Analyzed:	2005-05-18	Analyzed By:	RS
Prep Batch:	16032	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**8.27**		s.u.	1	0.00

Sample: 62402 - OCD Cell #9

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18125	Date Analyzed:	2005-05-16	Analyzed By:	TP
Prep Batch:	15924	Sample Preparation:	2005-05-15	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**39000**		mg/Kg	10	50.0
Total Magnesium		**3310**		mg/Kg	1	50.0
Total Potassium		**2090**		mg/Kg	1	50.0
Total Sodium		**902**		mg/Kg	1	50.0

Sample: 62402 - OCD Cell #9

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18260	Date Analyzed:	2005-05-19	Analyzed By:	WB
Prep Batch:	16078	Sample Preparation:	2005-05-19	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**204**	mg/Kg	5	2.00

Sample: 62402 - OCD Cell #9

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18043	Date Analyzed:	2005-05-13	Analyzed By:	TP
Prep Batch:	15895	Sample Preparation:	2005-05-13	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18086	Date Analyzed:	2005-05-16	Analyzed By:	RR
Prep Batch:	15894	TCLP Extraction:	2005-05-13	Prepared By:	TP
		Sample Preparation:	2005-05-13	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		**1.37**	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		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 62402 - OCD Cell #9

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	18127	Date Analyzed:	2005-05-16	Analyzed By:	DS
Prep Batch:	15969	Sample Preparation:	2005-05-16	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**25.4**	mg/Kg	1	10.0

Sample: 62403 - OCD Cell #10

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18234	Date Analyzed:	2005-05-20	Analyzed By:	RS
Prep Batch:	16054	Sample Preparation:	2005-05-20	Prepared By:	RS

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		**116**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**116**	mg/Kg as CaCo3	1	4.00

Sample: 62403 - OCD Cell #10

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18040	Date Analyzed:	2005-05-12	Analyzed By:	MT
Prep Batch:	15893	Sample Preparation:	2005-05-12	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene	[1]	<0.100	mg/Kg	100	0.00100
Toluene		<0.100	mg/Kg	100	0.00100
Ethylbenzene		<0.100	mg/Kg	100	0.00100
Xylene		<0.100	mg/Kg	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.793	mg/Kg	100	0.0100	79	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.938	mg/Kg	100	0.0100	94	36.6 - 112

Sample: 62403 - OCD Cell #10

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18260	Date Analyzed:	2005-05-19	Analyzed By:	WB
Prep Batch:	16078	Sample Preparation:	2005-05-19	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**38.0**	mg/Kg	5	1.00

Sample: 62403 - OCD Cell #10

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18206	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16033	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**911**	µMHOS/cm	1	0.00

Sample: 62403 - OCD Cell #10

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18204	Date Analyzed:	2005-05-18	Analyzed By:	RS
Prep Batch:	16032	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		**8.28**	s.u.	1	0.00

[1] Sample ran at a dilution due to surfactants.

Sample: 62403 - OCD Cell #10

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18125	Date Analyzed:	2005-05-16	Analyzed By:	TP
Prep Batch:	15924	Sample Preparation:	2005-05-15	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**65600**		mg/Kg	10	50.0
Total Magnesium		**2750**		mg/Kg	1	50.0
Total Potassium		**1370**		mg/Kg	1	50.0
Total Sodium		**996**		mg/Kg	1	50.0

Sample: 62403 - OCD Cell #10

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18260	Date Analyzed:	2005-05-19	Analyzed By:	WB
Prep Batch:	16078	Sample Preparation:	2005-05-19	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**443**		mg/Kg	10	2.00

Sample: 62403 - OCD Cell #10

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18044	Date Analyzed:	2005-05-13	Analyzed By:	TP
Prep Batch:	15895	Sample Preparation:	2005-05-13	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18086	Date Analyzed:	2005-05-16	Analyzed By:	RR
Prep Batch:	15894	TCLP Extraction:	2005-05-13	Prepared By:	TP
		Sample Preparation:	2005-05-13	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**1.69**		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		<0.0100		mg/L	1	0.0100
TCLP Lead		<0.100		mg/L	1	0.100
TCLP Selenium		<0.500		mg/L	1	0.500

Sample: 62403 - OCD Cell #10

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	18127	Date Analyzed:	2005-05-16	Analyzed By:	DS
Prep Batch:	15969	Sample Preparation:	2005-05-16	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**258**	mg/Kg	1	10.0

Sample: 62404 - OCD Cell #11

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18235	Date Analyzed:	2005-05-20	Analyzed By:	RS
Prep Batch:	16053	Sample Preparation:	2005-05-20	Prepared By:	RS

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		**56.0**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**56.0**	mg/Kg as CaCo3	1	4.00

Sample: 62404 - OCD Cell #11

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18040	Date Analyzed:	2005-05-12	Analyzed By:	MT
Prep Batch:	15893	Sample Preparation:	2005-05-12	Prepared By:	MT

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)		0.772	mg/Kg	10	0.100	77	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.808	mg/Kg	10	0.100	81	36.6 - 112

Sample: 62404 - OCD Cell #11

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18260	Date Analyzed:	2005-05-19	Analyzed By:	WB
Prep Batch:	16078	Sample Preparation:	2005-05-19	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**119**	mg/Kg	5	1.00

Sample: 62404 - OCD Cell #11

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18208	Date Analyzed:	2005-05-18	Analyzed By:	RS
Prep Batch:	16034	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**1030**		µMHOS/cm	1	0.00

Sample: 62404 - OCD Cell #11

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18205	Date Analyzed:	2005-05-18	Analyzed By:	RS
Prep Batch:	16035	Sample Preparation:	2005-05-10	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**8.06**		s.u.	1	0.00

Sample: 62404 - OCD Cell #11

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18126	Date Analyzed:	2005-05-16	Analyzed By:	TP
Prep Batch:	15924	Sample Preparation:	2005-05-15	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**63100**		mg/Kg	1000	50.0
Total Magnesium		**5640**		mg/Kg	100	50.0
Total Potassium		<5000		mg/Kg	100	50.0
Total Sodium		<5000		mg/Kg	100	50.0

Sample: 62404 - OCD Cell #11

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18260	Date Analyzed:	2005-05-19	Analyzed By:	WB
Prep Batch:	16078	Sample Preparation:	2005-05-19	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**350**		mg/Kg	10	2.00

Sample: 62404 - OCD Cell #11

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18044	Date Analyzed:	2005-05-13	Analyzed By:	TP
Prep Batch:	15895	Sample Preparation:	2005-05-13	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18088	Date Analyzed:	2005-05-16	Analyzed By:	RR
Prep Batch:	15894	TCLP Extraction:	2005-05-13	Prepared By:	TP
		Sample Preparation:	2005-05-13	Prepared By:	TP

Parameter	Flag	Result	RL Units	Dilution	RL
TCLP Silver		<0.125	mg/L	1	0.125
TCLP Arsenic		<0.100	mg/L	1	0.100
TCLP Barium		**1.65**	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		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 62404 - OCD Cell #11

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	18127	Date Analyzed:	2005-05-16	Analyzed By:	DS
Prep Batch:	15969	Sample Preparation:	2005-05-16	Prepared By:	DS

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

Sample: 62405 - OCD Cell #12

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18235	Date Analyzed:	2005-05-20	Analyzed By:	RS
Prep Batch:	16053	Sample Preparation:	2005-05-20	Prepared By:	RS

Parameter	Flag	Result	RL 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		**62.0**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**62.0**	mg/Kg as CaCo3	1	4.00

Sample: 62405 - OCD Cell #12

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18040	Date Analyzed:	2005-05-12	Analyzed By:	MT
Prep Batch:	15893	Sample Preparation:	2005-05-12	Prepared By:	MT

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	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.945	mg/Kg	10	0.100	94	36.6 - 112

Sample: 62405 - OCD Cell #12

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18260	Date Analyzed:	2005-05-19	Analyzed By:	WB
Prep Batch:	16078	Sample Preparation:	2005-05-19	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**20.3**	mg/Kg	5	1.00

Sample: 62405 - OCD Cell #12

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18208	Date Analyzed:	2005-05-18	Analyzed By:	RS
Prep Batch:	16034	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**910**	µMHOS/cm	1	0.00

Sample: 62405 - OCD Cell #12

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18205	Date Analyzed:	2005-05-18	Analyzed By:	RS
Prep Batch:	16035	Sample Preparation:	2005-05-10	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
pH		**8.07**	s.u.	1	0.00

Sample: 62405 - OCD Cell #12

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18126	Date Analyzed:	2005-05-16	Analyzed By:	TP
Prep Batch:	15924	Sample Preparation:	2005-05-15	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Calcium		**63900**	mg/Kg	10	50.0
Total Magnesium		**5750**	mg/Kg	1	50.0
Total Potassium		**2670**	mg/Kg	1	50.0
Total Sodium		**770**	mg/Kg	1	50.0

Sample: 62405 - OCD Cell #12

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18260	Date Analyzed:	2005-05-19	Analyzed By:	WB
Prep Batch:	16078	Sample Preparation:	2005-05-19	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**395**	mg/Kg	10	2.00

Sample: 62405 - OCD Cell #12

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18044	Date Analyzed:	2005-05-13	Analyzed By:	TP
Prep Batch:	15895	Sample Preparation:	2005-05-13	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18088	Date Analyzed:	2005-05-16	Analyzed By:	RR
Prep Batch:	15894	TCLP Extraction:	2005-05-13	Prepared By:	TP
		Sample Preparation:	2005-05-13	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		**1.67**	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		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 62405 - OCD Cell #12

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	18127	Date Analyzed:	2005-05-16	Analyzed By:	DS
Prep Batch:	15969	Sample Preparation:	2005-05-16	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**11.4**	mg/Kg	1	10.0

Sample: 62406 - OCD Cell #13

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18235	Date Analyzed:	2005-05-20	Analyzed By:	RS
Prep Batch:	16053	Sample Preparation:	2005-05-20	Prepared By:	RS

Parameter	Flag	Result	RL	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: 62406 - OCD Cell #13

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18040	Date Analyzed:	2005-05-12	Analyzed By:	MT
Prep Batch:	15893	Sample Preparation:	2005-05-12	Prepared By:	MT

Parameter	Flag	Result	RL	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)		0.791	mg/Kg	10	0.100	79	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.886	mg/Kg	10	0.100	88	36.6 - 112

Sample: 62406 - OCD Cell #13

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18261	Date Analyzed:	2005-05-19	Analyzed By:	WB
Prep Batch:	16080	Sample Preparation:	2005-05-19	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**69.0**		mg/Kg	5	1.00

Sample: 62406 - OCD Cell #13

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18208	Date Analyzed:	2005-05-18	Analyzed By:	RS
Prep Batch:	16034	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**1820**		µMHOS/cm	1	0.00

Sample: 62406 - OCD Cell #13

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18205	Date Analyzed:	2005-05-18	Analyzed By:	RS
Prep Batch:	16035	Sample Preparation:	2005-05-10	Prepared By:	RS

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

Sample: 62406 - OCD Cell #13

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18126	Date Analyzed:	2005-05-16	Analyzed By:	TP
Prep Batch:	15924	Sample Preparation:	2005-05-15	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**29400**		mg/Kg	10	50.0
Total Magnesium		**3510**		mg/Kg	1	50.0
Total Potassium		**2220**		mg/Kg	1	50.0
Total Sodium		**611**		mg/Kg	1	50.0

Sample: 62406 - OCD Cell #13

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18261	Date Analyzed:	2005-05-19	Analyzed By:	WB
Prep Batch:	16080	Sample Preparation:	2005-05-19	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Sulfate		**1320**		mg/Kg	50	2.00

Sample: 62406 - OCD Cell #13

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18044	Date Analyzed:	2005-05-13	Analyzed By:	TP
Prep Batch:	15895	Sample Preparation:	2005-05-13	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18088	Date Analyzed:	2005-05-16	Analyzed By:	RR
Prep Batch:	15894	TCLP Extraction:	2005-05-13	Prepared By:	TP
		Sample Preparation:	2005-05-13	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
TCLP Silver		<0.125		mg/L	1	0.125
TCLP Arsenic		<0.100		mg/L	1	0.100
TCLP Barium		**1.39**		mg/L	1	0.100
TCLP Cadmium		<0.0500		mg/L	1	0.0500

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sample 62406 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
TCLP Chromium		<0.100	mg/L	1	0.100
TCLP Mercury		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 62406 - OCD Cell #13

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	18127	Date Analyzed:	2005-05-16	Analyzed By:	DS
Prep Batch:	15969	Sample Preparation:	2005-05-16	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**478**	mg/Kg	1	10.0

Sample: 62407 - OCD Cell #14

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18235	Date Analyzed:	2005-05-20	Analyzed By:	RS
Prep Batch:	16053	Sample Preparation:	2005-05-20	Prepared By:	RS

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		**92.5**	mg/Kg as CaCo3	1	4.00
Total Alkalinity		**92.5**	mg/Kg as CaCo3	1	4.00

Sample: 62407 - OCD Cell #14

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	18040	Date Analyzed:	2005-05-12	Analyzed By:	MT
Prep Batch:	15893	Sample Preparation:	2005-05-12	Prepared By:	MT

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)		0.862	mg/Kg	10	0.100	86	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.994	mg/Kg	10	0.100	99	36.6 - 112

Sample: 62407 - OCD Cell #14

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18261	Date Analyzed:	2005-05-19	Analyzed By:	WB
Prep Batch:	16080	Sample Preparation:	2005-05-19	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**136**		mg/Kg	5	1.00

Sample: 62407 - OCD Cell #14

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18208	Date Analyzed:	2005-05-18	Analyzed By:	RS
Prep Batch:	16034	Sample Preparation:	2005-05-18	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**900**		µMHOS/cm	1	0.00

Sample: 62407 - OCD Cell #14

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18205	Date Analyzed:	2005-05-18	Analyzed By:	RS
Prep Batch:	16035	Sample Preparation:	2005-05-10	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**8.27**		s.u.	1	0.00

Sample: 62407 - OCD Cell #14

Analysis:	Salts, Total	Analytical Method:	S 6010B	Prep Method:	S 3050B
QC Batch:	18126	Date Analyzed:	2005-05-16	Analyzed By:	TP
Prep Batch:	15924	Sample Preparation:	2005-05-15	Prepared By:	TP

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Calcium		**3970**		mg/Kg	1	50.0
Total Magnesium		**2570**		mg/Kg	1	50.0
Total Potassium		**1460**		mg/Kg	1	50.0
Total Sodium		**960**		mg/Kg	1	50.0

Sample: 62407 - OCD Cell #14

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18261	Date Analyzed:	2005-05-19	Analyzed By:	WB
Prep Batch:	16080	Sample Preparation:	2005-05-19	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**264**	mg/Kg	10	2.00

Sample: 62407 - OCD Cell #14

Analysis:	TCLP Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	TCLP 1311
QC Batch:	18044	Date Analyzed:	2005-05-13	Analyzed By:	TP
Prep Batch:	15895	Sample Preparation:	2005-05-13	Prepared By:	TP
		TCLP Extraction:		Prepared By:	TP
Analysis:	TCLP Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	TCLP 1311
QC Batch:	18088	Date Analyzed:	2005-05-16	Analyzed By:	RR
Prep Batch:	15894	TCLP Extraction:	2005-05-13	Prepared By:	TP
		Sample Preparation:	2005-05-13	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		**1.42**	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		<0.0100	mg/L	1	0.0100
TCLP Lead		<0.100	mg/L	1	0.100
TCLP Selenium		<0.500	mg/L	1	0.500

Sample: 62407 - OCD Cell #14

Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	18127	Date Analyzed:	2005-05-16	Analyzed By:	DS
Prep Batch:	15969	Sample Preparation:	2005-05-16	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**146**	mg/Kg	1	10.0

Method Blank (1) QC Batch: 18040

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00333	mg/Kg	0.001
Toluene		<0.00353	mg/Kg	0.001
Ethylbenzene		<0.00339	mg/Kg	0.001
Xylene		<0.0103	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.973	mg/Kg	10	0.100	97	74.5 - 114

continued ...

method blank continued . . .

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-Bromofluorobenzene (4-BFB)		0.978	mg/Kg	10	0.100	98	36.6 - 112

Method Blank (1) QC Batch: 18043

Parameter	Flag	MDL Result	Units	RL
TCLP Mercury		<0.000102	mg/L	0.01

Method Blank (1) QC Batch: 18044

Parameter	Flag	MDL Result	Units	RL
TCLP Mercury		<0.000102	mg/L	0.01

Method Blank (1) QC Batch: 18086

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: 18088

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: 18124

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00333	mg/Kg	0.001
Toluene		<0.00353	mg/Kg	0.001
Ethylbenzene		<0.00339	mg/Kg	0.001
Xylene		<0.0103	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.926	mg/Kg	10	0.100	93	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.922	mg/Kg	10	0.100	92	36.6 - 112

Method Blank (1) QC Batch: 18125

Parameter	Flag	MDL Result	Units	RL
Total Calcium		<0.642	mg/Kg	50
Total Magnesium		<6.42	mg/Kg	50
Total Potassium		<1.66	mg/Kg	50
Total Sodium		<1.74	mg/Kg	50

Method Blank (1) QC Batch: 18126

Parameter	Flag	MDL Result	Units	RL
Total Calcium		<0.642	mg/Kg	50
Total Magnesium		<6.42	mg/Kg	50
Total Potassium		<1.66	mg/Kg	50
Total Sodium		<1.74	mg/Kg	50

Method Blank (1) QC Batch: 18127

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

Method Blank (1) QC Batch: 18206

Parameter	Flag	MDL Result	Units	RL
Specific Conductance		1.34	µMHOS/cm	

Method Blank (1) QC Batch: 18208

Parameter	Flag	MDL Result	Units	RL
Specific Conductance		1.43	µMHOS/cm	

Matrix Blank (1) QC Batch: 18225

Parameter	Flag	MDL Result	Units	RL
Chloride		2.34	mg/Kg	1

Matrix Blank (1) QC Batch: 18225

Parameter	Flag	MDL Result	Units	RL
Sulfate		1.29	mg/Kg	2

Method Blank (1) QC Batch: 18234

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

Method Blank (1) QC Batch: 18235

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

Matrix Blank (1) QC Batch: 18260

Parameter	Flag	MDL Result	Units	RL
Chloride		2.45	mg/Kg	1

Matrix Blank (1) QC Batch: 18260

Parameter	Flag	MDL Result	Units	RL
Sulfate		1.27	mg/Kg	2

Matrix Blank (1) QC Batch: 18261

Parameter	Flag	MDL Result	Units	RL
Chloride		2.47	mg/Kg	1

Matrix Blank (1) QC Batch: 18261

Parameter	Flag	MDL Result	Units	RL
Sulfate		1.28	mg/Kg	2

Matrix Blank (1) QC Batch: 18263

Parameter	Flag	MDL Result	Units	RL
Sulfate		1.26	mg/Kg	2

Duplicate (1) QC Batch: 18204

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
pH	8.27	8.28	s.u.	1	0	0.4

Duplicate (1) QC Batch: 18205

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
pH	8.36	8.36	s.u.	1	0	0.4

Duplicate (1) QC Batch: 18206

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Specific Conductance	918	911	µMHOS/cm	1	1	2

Duplicate (1) QC Batch: 18208

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Specific Conductance	703	693	µMHOS/cm	1	1	2

Duplicate (1) QC Batch: 18234

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	120	116	mg/Kg as CaCo3	1	3	20
Total Alkalinity	120	116	mg/Kg as CaCo3	1	3	20

Duplicate (1) QC Batch: 18235

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	88.0	88.0	mg/Kg as CaCo3	1	0	20
Total Alkalinity	88.0	88.0	mg/Kg as CaCo3	1	0	20

Laboratory Control Spike (LCS-1) QC Batch: 18040

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.992	0.990	mg/Kg	10	0.100	<0.0333	99	0	79.8 - 114	20
Toluene	0.991	0.989	mg/Kg	10	0.100	<0.0353	99	0	79.7 - 115	20
Ethylbenzene	0.998	0.998	mg/Kg	10	0.100	<0.0339	100	0	78.7 - 116	20
Xylene	2.95	2.95	mg/Kg	10	0.300	<0.103	98	0	78.7 - 118	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)	0.974	0.968	mg/Kg	10	0.100	97	97	76.6 - 114
4-Bromofluorobenzene (4-BFB)	1.00	1.01	mg/Kg	10	0.100	100	101	72 - 111

Laboratory Control Spike (LCS-1) QC Batch: 18043

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Mercury	0.00565	0.00570	mg/L	1	0.00500	<0.000102	113	1	82.3 - 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: 18044

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Mercury	0.00565	0.00570	mg/L	1	0.00500	<0.000102	113	1	82.3 - 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: 18086

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Silver	1.13	1.11	mg/L	1	1.25	<0.00780	90	2	86.3 - 107	20
TCLP Arsenic	4.41	4.38	mg/L	1	5.00	<0.0590	88	1	81.9 - 115	20
TCLP Barium	9.93	9.79	mg/L	1	10.0	<0.00340	99	1	88.1 - 115	20
TCLP Cadmium	2.19	2.15	mg/L	1	2.50	<0.00270	88	2	79.8 - 114	20
TCLP Chromium	0.901	0.895	mg/L	1	1.00	<0.00660	90	1	88.7 - 107	20
TCLP Lead	4.37	4.35	mg/L	1	5.00	<0.0370	87	0	81.9 - 115	20
TCLP Selenium	3.96	3.94	mg/L	1	5.00	<0.100	79	0	78.9 - 106	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: 18088

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Silver	1.13	1.11	mg/L	1	1.25	<0.00780	90	2	86.3 - 107	20
TCLP Arsenic	4.41	4.38	mg/L	1	5.00	<0.0590	88	1	81.9 - 115	20
TCLP Barium	9.93	9.79	mg/L	1	10.0	<0.00340	99	1	88.1 - 115	20
TCLP Cadmium	2.19	2.15	mg/L	1	2.50	<0.00270	88	2	79.8 - 114	20
TCLP Chromium	0.895	0.901	mg/L	1	1.00	<0.00660	90	1	88.7 - 107	20
TCLP Lead	4.35	4.37	mg/L	1	5.00	<0.0370	87	0	81.9 - 115	20
TCLP Selenium	3.96	3.94	mg/L	1	5.00	<0.100	79	0	78.9 - 106	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: 18124

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.956	0.954	mg/Kg	10	0.100	<0.0333	96	0	79.8 - 114	20
Toluene	0.958	0.956	mg/Kg	10	0.100	<0.0353	96	0	79.7 - 115	20
Ethylbenzene	0.966	0.966	mg/Kg	10	0.100	<0.0339	96	0	78.7 - 116	20
Xylene	2.85	2.86	mg/Kg	10	0.300	<0.103	95	0	78.7 - 118	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)	0.960	0.934	mg/Kg	10	0.100	96	93	76.6 - 114
4-Bromofluorobenzene (4-BFB)	1.00	0.966	mg/Kg	10	0.100	100	97	72 - 111

Laboratory Control Spike (LCS-1) QC Batch: 18125

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Calcium	5270	5060	mg/Kg	100	50.0	<64.2	105	4	75 - 125	20
Total Magnesium	4760	4610	mg/Kg	100	50.0	<642	95	3	75 - 125	20
Total Potassium	4930	4810	mg/Kg	100	50.0	<166	99	2	75 - 125	20
Total Sodium	5240	5140	mg/Kg	100	50.0	<174	105	2	75 - 125	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: 18126

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Calcium	5270	5060	mg/Kg	100	50.0	<64.2	105	4	75 - 125	20
Total Magnesium	4760	4610	mg/Kg	100	50.0	<642	95	3	75 - 125	20
Total Potassium	4930	4810	mg/Kg	100	50.0	<166	99	2	75 - 125	20
Total Sodium	5240	5140	mg/Kg	100	50.0	<174	105	2	75 - 125	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: 18127

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	243	245	mg/Kg	1	250	<5.91	97	1	91.2 - 113	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: 18225

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	14.4	14.6	mg/Kg	1	12.5	2.35	96	1	90 - 110	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: 18225

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	13.4	13.7	mg/Kg	1	12.5	1.29	97	2	90 - 110	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: 18260

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	14.4	14.5	mg/Kg	1	12.5	2.45	96	1	90 - 110	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: 18260

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	13.6	13.6	mg/Kg	1	12.5	1.27	99	0	90 - 110	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: 18261

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	14.4	14.5	mg/Kg	1	12.5	2.47	95	1	90 - 110	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: 18261

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	13.6	13.8	mg/Kg	1	12.5	1.28	98	1	90 - 110	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: 18263

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	13.7	13.6	mg/Kg	1	12.5	1.26	100	1	90 - 110	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: 18040 Spiked Sample: 62394

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.748	0.788	mg/Kg	10	0.100	<0.0333	75	5	63.5 - 98.6	20
Toluene	0.766	0.809	mg/Kg	10	0.100	<0.0353	77	6	65.8 - 102	20
Ethylbenzene	0.802	0.852	mg/Kg	10	0.100	<0.0339	80	6	66.6 - 106	20
Xylene	2.38	2.52	mg/Kg	10	0.300	<0.103	79	6	67.4 - 108	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)	0.785	0.820	mg/Kg	10	0.1	78	82	60.1 - 104
4-Bromofluorobenzene (4-BFB)	0.839	0.879	mg/Kg	10	0.1	84	88	63.1 - 105

Matrix Spike (MS-1) QC Batch: 18043 Spiked Sample: 62394

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Mercury	0.00596	0.00589	mg/L	1	0.00500	<0.000102	119	1	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: 18044 Spiked Sample: 62403

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Mercury	0.00577	0.00520	mg/L	1	0.00500	<0.000102	115	10	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: 18086 Spiked Sample: 62394

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Silver	1.25	1.21	mg/L	1	1.25	<0.00780	100	3	91.1 - 118	20
TCLP Arsenic	4.75	4.63	mg/L	1	5.00	<0.0590	95	3	87.8 - 111	20
TCLP Barium	11.0	10.6	mg/L	1	10.0	1.53	95	4	87.9 - 101	20
TCLP Cadmium	2.35	2.27	mg/L	1	2.50	<0.00270	94	4	82.2 - 107	20
TCLP Chromium	0.971	0.929	mg/L	1	1.00	<0.00660	97	4	77.1 - 115	20
TCLP Lead	4.67	4.50	mg/L	1	5.00	<0.0370	93	4	84.7 - 106	20
TCLP Selenium	4.33	4.15	mg/L	1	5.00	<0.100	87	4	80.6 - 103	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: 18088 Spiked Sample: 62404

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TCLP Silver	1.22	1.19	mg/L	1	1.25	<0.00780	98	2	91.1 - 118	20
TCLP Arsenic	4.65	4.56	mg/L	1	5.00	<0.0590	93	2	87.8 - 111	20
TCLP Barium	10.9	10.7	mg/L	1	10.0	1.65	92	2	87.9 - 101	20
TCLP Cadmium	2.38	2.33	mg/L	1	2.50	<0.00270	95	2	82.2 - 107	20
TCLP Chromium	1.00	0.983	mg/L	1	1.00	<0.00660	100	2	77.1 - 115	20
TCLP Lead	4.67	4.61	mg/L	1	5.00	<0.0370	93	1	84.7 - 106	20
TCLP Selenium	4.12	4.09	mg/L	1	5.00	<0.100	82	1	80.6 - 103	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: 18124 Spiked Sample: 62882

Param		MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	[2]	0.995	0.868	mg/Kg	10	0.100	<0.0333	100	14	63.5 - 98.6	20
Toluene	[3]	1.06	0.915	mg/Kg	10	0.100	<0.0353	106	15	65.8 - 102	20

continued ...

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

matrix spikes continued ...

Param		MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Ethylbenzene	[4][5]	1.35	1.10	mg/Kg	10	0.100	<0.0339	135	20	66.6 - 106	20
Xylene		2.94	2.70	mg/Kg	10	0.300	<0.103	98	8	67.4 - 108	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)	0.712	0.652	mg/Kg	10	0.1	71	65	60.1 - 104
4-Bromofluorobenzene (4-BFB)	0.736	0.892	mg/Kg	10	0.1	74	89	63.1 - 105

Matrix Spike (MS-1) QC Batch: 18125 Spiked Sample: 62394

Param		MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Calcium	[6][7]	90300	89400	mg/Kg	100	50.0	88800	30	1	75 - 125	20
Total Magnesium		7880	6910	mg/Kg	100	50.0	2920	99	13	75 - 125	20
Total Potassium		7190	6900	mg/Kg	100	50.0	1690	110	4	75 - 125	20
Total Sodium		5660	5470	mg/Kg	100	50.0	1050	92	3	75 - 125	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: 18126 Spiked Sample: 62404

Param		MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Calcium	[8][9]	77200	73600	mg/Kg	1000	50.0	63100	28	5	75 - 125	20
Total Magnesium	[10]	9130	9380	mg/Kg	100	50.0	5640	70	3	75 - 125	20
Total Potassium		7710	8130	mg/Kg	100	50.0	3040	93	5	75 - 125	20
Total Sodium		5180	5380	mg/Kg	100	50.0	917	85	4	75 - 125	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: 18127 Spiked Sample: 62405

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
TRPHC	257	263	mg/Kg	1	250	<5.91	103	2	9.9 - 146	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: 18225 Spiked Sample: 62395

[4]Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.
[5]RPD is outside normal limits. LCS/LCSD show the method to be in control.
[6]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[7]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[8]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[9]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[10]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	1320	1320	mg/Kg	50	12.5	708	98	0	60.9 - 143	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: 18225 Spiked Sample: 62395

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	818	804	mg/Kg	50	12.5	185	101	2	89.8 - 112	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: 18260 Spiked Sample: 62405

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	154	150	mg/Kg	10	12.5	28.7	100	3	60.9 - 143	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: 18260 Spiked Sample: 62405

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate [11][12]	413	415	mg/Kg	10	12.5	395	14	0	89.8 - 112	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: 18261 Spiked Sample: 62406

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	765	757	mg/Kg	50	12.5	153	98	1	60.9 - 143	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: 18261 Spiked Sample: 62406

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	1940	1940	mg/Kg	50	12.5	1320	99	0	89.8 - 112	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: 18263 Spiked Sample: 62902

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

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	236	234	mg/Kg	5	12.5	172	102	1	89.8 - 112	20

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

Standard (ICV-1) QC Batch: 18040

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0987	99	85 - 115	2005-05-12
Toluene		mg/Kg	0.100	0.0981	98	85 - 115	2005-05-12
Ethylbenzene		mg/Kg	0.100	0.0993	99	85 - 115	2005-05-12
Xylene		mg/Kg	0.300	0.293	98	85 - 115	2005-05-12

Standard (CCV-1) QC Batch: 18040

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0979	98	85 - 115	2005-05-12
Toluene		mg/Kg	0.100	0.0973	97	85 - 115	2005-05-12
Ethylbenzene		mg/Kg	0.100	0.0976	98	85 - 115	2005-05-12
Xylene		mg/Kg	0.300	0.288	96	85 - 115	2005-05-12

Standard (CCV-2) QC Batch: 18040

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0991	99	85 - 115	2005-05-12
Toluene		mg/Kg	0.100	0.0990	99	85 - 115	2005-05-12
Ethylbenzene		mg/Kg	0.100	0.0992	99	85 - 115	2005-05-12
Xylene		mg/Kg	0.300	0.292	97	85 - 115	2005-05-12

Standard (ICV-1) QC Batch: 18043

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Mercury		mg/L	0.00500	0.00537	107	90 - 110	2005-05-13

Standard (CCV-1) QC Batch: 18043

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Mercury		mg/L	0.00500	0.00529	106	80 - 120	2005-05-13

Standard (ICV-1) QC Batch: 18044

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Mercury		mg/L	0.00500	0.00537	107	90 - 110	2005-05-13

Standard (CCV-1) QC Batch: 18044

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Mercury		mg/L	0.00500	0.00527	105	80 - 120	2005-05-13

Standard (ICV-1) QC Batch: 18086

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Silver		mg/L	0.125	0.118	94	90 - 110	2005-05-16
TCLP Arsenic		mg/L	1.00	0.939	94	90 - 110	2005-05-16
TCLP Barium		mg/L	1.00	0.951	95	90 - 110	2005-05-16
TCLP Cadmium		mg/L	1.00	0.946	95	90 - 110	2005-05-16
TCLP Chromium		mg/L	1.00	0.949	95	90 - 110	2005-05-16
TCLP Lead		mg/L	1.00	0.938	94	90 - 110	2005-05-16
TCLP Selenium		mg/L	1.00	0.937	94	90 - 110	2005-05-16

Standard (CCV-1) QC Batch: 18086

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Silver		mg/L	0.125	0.126	101	90 - 110	2005-05-16
TCLP Arsenic		mg/L	1.00	0.999	100	90 - 110	2005-05-16
TCLP Barium		mg/L	1.00	1.01	101	90 - 110	2005-05-16
TCLP Cadmium		mg/L	1.00	1.01	101	90 - 110	2005-05-16
TCLP Chromium		mg/L	1.00	1.01	101	90 - 110	2005-05-16
TCLP Lead		mg/L	1.00	1.00	100	90 - 110	2005-05-16
TCLP Selenium		mg/L	1.00	1.00	100	90 - 110	2005-05-16

Standard (ICV-1) QC Batch: 18088

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Silver		mg/L	0.125	0.118	94	90 - 110	2005-05-16
TCLP Arsenic		mg/L	1.00	0.939	94	90 - 110	2005-05-16
TCLP Barium		mg/L	1.00	0.951	95	90 - 110	2005-05-16
TCLP Cadmium		mg/L	1.00	0.946	95	90 - 110	2005-05-16
TCLP Chromium		mg/L	1.00	0.949	95	90 - 110	2005-05-16
TCLP Lead		mg/L	1.00	0.938	94	90 - 110	2005-05-16

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Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Selenium		mg/L	1.00	0.937	94	90 - 110	2005-05-16

Standard (CCV-1) QC Batch: 18088

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Silver		mg/L	0.125	0.135	108	90 - 110	2005-05-16
TCLP Arsenic		mg/L	1.00	1.08	108	90 - 110	2005-05-16
TCLP Barium		mg/L	1.00	1.07	107	90 - 110	2005-05-16
TCLP Cadmium		mg/L	1.00	1.08	108	90 - 110	2005-05-16
TCLP Chromium		mg/L	1.00	1.08	108	90 - 110	2005-05-16
TCLP Lead		mg/L	1.00	1.08	108	90 - 110	2005-05-16
TCLP Selenium		mg/L	1.00	1.08	108	90 - 110	2005-05-16

Standard (ICV-1) QC Batch: 18124

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0973	97	85 - 115	2005-05-16
Toluene		mg/Kg	0.100	0.0973	97	85 - 115	2005-05-16
Ethylbenzene		mg/Kg	0.100	0.0988	99	85 - 115	2005-05-16
Xylene		mg/Kg	0.300	0.292	97	85 - 115	2005-05-16

Standard (CCV-1) QC Batch: 18124

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0948	95	85 - 115	2005-05-16
Toluene		mg/Kg	0.100	0.0947	95	85 - 115	2005-05-16
Ethylbenzene		mg/Kg	0.100	0.0954	95	85 - 115	2005-05-16
Xylene		mg/Kg	0.300	0.283	94	85 - 115	2005-05-16

Standard (ICV-1) QC Batch: 18125

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Calcium		mg/Kg	50.0	50.0	100	90 - 110	2005-05-16
Total Magnesium		mg/Kg	50.0	49.8	100	90 - 110	2005-05-16
Total Potassium		mg/Kg	50.0	50.5	101	90 - 110	2005-05-16
Total Sodium		mg/Kg	50.0	51.2	102	90 - 110	2005-05-16

Standard (CCV-1) QC Batch: 18125

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Calcium		mg/Kg	50.0	46.7	93	90 - 110	2005-05-16
Total Magnesium		mg/Kg	50.0	46.4	93	90 - 110	2005-05-16
Total Potassium		mg/Kg	50.0	54.5	109	90 - 110	2005-05-16
Total Sodium		mg/Kg	50.0	52.8	106	90 - 110	2005-05-16

Standard (ICV-1) QC Batch: 18126

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Calcium		mg/Kg	50.0	50.0	100	90 - 110	2005-05-16
Total Magnesium		mg/Kg	50.0	49.8	100	90 - 110	2005-05-16
Total Potassium		mg/Kg	50.0	50.5	101	90 - 110	2005-05-16
Total Sodium		mg/Kg	50.0	51.2	102	90 - 110	2005-05-16

Standard (CCV-1) QC Batch: 18126

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Calcium		mg/Kg	50.0	48.6	97	90 - 110	2005-05-16
Total Magnesium		mg/Kg	50.0	50.7	101	90 - 110	2005-05-16
Total Potassium		mg/Kg	50.0	47.0	94	90 - 110	2005-05-16
Total Sodium		mg/Kg	50.0	47.9	96	90 - 110	2005-05-16

Standard (ICV-1) QC Batch: 18127

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	99.2	99	80 - 120	2005-05-16

Standard (CCV-1) QC Batch: 18127

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	93.7	94	80 - 120	2005-05-16

Standard (CCV-2) QC Batch: 18127

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	94.7	95	80 - 120	2005-05-16

Standard (ICV-1) QC Batch: 18204

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	7.00	100	98 - 102	2005-05-18

Standard (CCV-1) QC Batch: 18204

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	6.98	100	98 - 102	2005-05-18

Standard (ICV-1) QC Batch: 18205

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	7.01	100	98 - 102	2005-05-18

Standard (CCV-1) QC Batch: 18205

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	6.99	100	98 - 102	2005-05-18

Standard (ICV-1) QC Batch: 18206

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		µMHOS/cm	1410	1420	101	90 - 110	2005-05-18

Standard (CCV-1) QC Batch: 18206

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		µMHOS/cm	1410	1350	96	90 - 110	2005-05-18

Standard (ICV-1) QC Batch: 18208

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		µMHOS/cm	1410	1420	101	90 - 110	2005-05-18

Standard (CCV-1) QC Batch: 18208

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		µMHOS/cm	1410	1360	96	90 - 110	2005-05-18

Standard (ICV-1) QC Batch: 18225

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.5	100	90 - 110	2005-05-18

Standard (ICV-1) QC Batch: 18225

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	2005-05-18

Standard (CCV-1) QC Batch: 18225

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.5	100	90 - 110	2005-05-18

Standard (CCV-1) QC Batch: 18225

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	12.6	101	90 - 110	2005-05-18

Standard (ICV-1) QC Batch: 18234

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	2005-05-20

Standard (CCV-1) QC Batch: 18234

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	2005-05-20

Standard (ICV-1) QC Batch: 18235

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	2005-05-20

Standard (CCV-1) QC Batch: 18235

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/Kg as CaCo3	250	240	96	90 - 110	2005-05-20

Standard (ICV-1) QC Batch: 18260

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.5	100	90 - 110	2005-05-19

Standard (ICV-1) QC Batch: 18260

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	2005-05-19

Standard (CCV-1) QC Batch: 18260

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.5	100	90 - 110	2005-05-19

Standard (CCV-1) QC Batch: 18260

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	12.7	102	90 - 110	2005-05-19

Standard (ICV-1) QC Batch: 18261

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	12.5	100	90 - 110	2005-05-19

Standard (ICV-1) QC Batch: 18261

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	2005-05-19

Standard (CCV-1) QC Batch: 18261

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	13.5	108	90 - 110	2005-05-19

Standard (CCV-1) QC Batch: 18261

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	12.7	102	90 - 110	2005-05-19

Standard (ICV-1) QC Batch: 18263

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	2005-05-19

Standard (CCV-1) QC Batch: 18263

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/Kg	12.5	12.7	102	90 - 110	2005-05-19

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #

Company Name: Gandy Marley, Inc. Phone #: 505-347-0434

Address: (Street, City, Zip) PO Box 1658 Roswell, NM 88202 Fax #: 505-347-0435

e-mail: gandy2@leaco.net

Contact Person: Mike Marley or Larry Gandy.

Invoice to: (If different from above)

Project #: Quarterly Sampling (NM-711-1-0020) Project Name: Gandy Marley Landfarm

Project Location: T-11-S. R-31-E. Chaves Co. NM Sampler Signature:

SW 1/4 Sec. 4, SE 1/4 Sec. 5, NE 1/4 Sec. 8, NW 1/4 Sec. 9

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol 8260B/624	GC/MS Semi Vol 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD TSS pH	Moisture Content	Turn Around Time if different from standard 372 HR.	Hold
62394	OCD Cell #1	2	40z		X								X	05/10/05	12:25		X	X				X										X	X	X	X	
95	OCD Cell #2	↓	↓		↓								↓		12:45		↓	↓				↓										↓	↓	↓	↓	
96	OCD Cell #3														13:00																				
97	OCD Cell #4														13:15																				
98	OCD Cell #5														13:30																				
99	OCD Cell #6														13:45																				
400	OCD Cell #7														14:00																				
401	OCD Cell #8														14:10																				
402	OCD Cell #9														14:25																				
403	OCD Cell #10	↓	↓		↓								↓	↓	14:35		↓	↓				↓										↓	↓	↓	↓	
	Temp Blank	1	125 mL	X																															

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	05/11/05	0940			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
				5/12/05	11:50

LAB USE ONLY

Intact Y / N

Headspace Y / N

Temp 4 °

Log-in Review

REMARKS: Bill GMI directly. Send Copy of Results to Cmbenviro & GM Corp.

- ☐ Dry Weight Basis Required
- ☐ TRRP Report Required
- ☐ Check If Special Reporting Limits Are Needed

Carrier # G. Hound GLI 168 326 2889

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

LAB Order ID #_____

Company Name: Gandy Marley, Inc. Phone #: 505-347-0434

Address: (Street, City, Zip) PO Box 1658 Roswell, NM 88202 Fax #: 505-347-0435 e-mail: gandy2@leaco.net

Contact Person: Mike Marley or Larry Gandy.

Invoice to: (If different from above)

Project #: Quarterly Sampling (NM-711-1-0020) Project Name: Gandy Marley Land farm

Project Location: T.11S R.31E. Chaves Co. NM Sampler Signature:

SW/4 Sec 4, SE/4 Sec 5, NE/4 Sec 8 NW/4 Sec. 9

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
62404	OCD Cell #11	2	4oz		X								X	05/12/05	1450
05	OCD Cell #12	↓	↓		↓								↓		1500
06	OCD Cell #13														1610
07	OCD Cell #14														1620

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol 8260B/624	GC/MS Semi Vol 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD TSS pH	Moisture Content	Na, Ca, Mg, K, Conductivity	Total Alkalinity as CaCO3, HCO3, pH	Turn Around Time if different from standard 72 Hr	Hold
	X	X				X													X	
↓	↓	↓				↓													↓	

Relinquished by: Date: 05/11/05 Time: 0840 Received by: Date: Time:

Relinquished by: Date: Time: Received by: Date: Time:

Relinquished by: Date: Time: Received at Laboratory by: Date: 5/12/05 Time: 11:45

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

ORIGINAL COPY

LAB USE ONLY

Intact Y / N

Headspace Y / N

Temp °

Log-in Review DS

REMARKS: Bill GMI Directly Send Copy of Results to: Cimbeny.rcadfn.com

☐ Dry Weight Basis Required

☐ TRRP Report Required

☐ Check If Special Reporting Limits Are Needed

Carrier # G. Hand GLI 168 326 2889

Summary Report

Gandy Marley Inc.
Box 1658
Roswell, NM 88202

Report Date: May 23, 2005
Work Order: 5051704

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
62897	OCD Cell #15	soil	2005-05-16	10:10	2005-05-16
62898	OCD Cell #16	soil	2005-05-16	10:25	2005-05-16
62899	OCD Cell #17	soil	2005-05-16	11:00	2005-05-16
62900	OCD Cell #18	soil	2005-05-16	11:10	2005-05-16
62901	OCD Cell #19	soil	2005-05-16	17:25	2005-05-16
62902	OCD Cell #20	soil	2005-05-16	17:15	2005-05-16

	BTEX				MTBE	TPH 418.1
Sample - Field Code	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	TRPHC (mg/Kg)
62897 - OCD Cell #15	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
62898 - OCD Cell #16	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
62899 - OCD Cell #17	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
62900 - OCD Cell #18	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
62901 - OCD Cell #19	<0.0100	<0.0100	<0.0100	<0.0100		<10.0
62902 - OCD Cell #20	<0.0100	**0.0552**	**0.0215**	**0.101**		<10.0

Sample: 62897 - OCD Cell #15

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
Total Calcium		**1940**	mg/Kg	50.0
Chloride		<100	mg/Kg	1.00
Specific Conductance		**169**	μMHOS/cm	0.00
Total Potassium		**1560**	mg/Kg	50.0
Total Magnesium		**1930**	mg/Kg	50.0
Total Sodium		**133**	mg/Kg	50.0
pH		**8.22**	s.u.	0.00
Sulfate		<200	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.81**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500

continued ...

sample 62897 continued ...

Param	Flag	Result	Units	RL
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 62898 - OCD 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		**96.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**96.0**	mg/Kg as CaCo3	4.00
Total Calcium		**115000**	mg/Kg	50.0
Chloride		**1020**	mg/Kg	1.00
Specific Conductance		**3370**	µMHOS/cm	0.00
Total Potassium		**1300**	mg/Kg	50.0
Total Magnesium		**2610**	mg/Kg	50.0
Total Sodium		**520**	mg/Kg	50.0
pH		**7.65**	s.u.	0.00
Sulfate		**581**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.04**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 62899 - OCD 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		**64.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**64.0**	mg/Kg as CaCo3	4.00
Total Calcium		**109000**	mg/Kg	50.0
Chloride		**492**	mg/Kg	1.00
Specific Conductance		**1280**	µMHOS/cm	0.00
Total Potassium		**1370**	mg/Kg	50.0
Total Magnesium		**4440**	mg/Kg	50.0
Total Sodium		**456**	mg/Kg	50.0
pH		**8.07**	s.u.	0.00
Sulfate		**31.5**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.55**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100

continued ...

sample 62899 continued ...

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

Sample: 62900 - OCD 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		**82.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**82.0**	mg/Kg as CaCo3	4.00
Total Calcium		**112000**	mg/Kg	50.0
Chloride		**300**	mg/Kg	1.00
Specific Conductance		**838**	µMHOS/cm	0.00
Total Potassium		**1370**	mg/Kg	50.0
Total Magnesium		**3290**	mg/Kg	50.0
Total Sodium		**389**	mg/Kg	50.0
pH		**8.17**	s.u.	0.00
Sulfate		**55.1**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**2.31**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 62901 - OCD 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		**52.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**52.0**	mg/Kg as CaCo3	4.00
Total Calcium		**1920**	mg/Kg	50.0
Chloride		**471**	mg/Kg	1.00
Specific Conductance		**1460**	µMHOS/cm	0.00
Total Potassium		**1360**	mg/Kg	50.0
Total Magnesium		**1290**	mg/Kg	50.0
Total Sodium		**458**	mg/Kg	50.0
pH		**7.97**	s.u.	0.00
Sulfate		**55.0**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.62**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

Sample: 62902 - OCD 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		**88.0**	mg/Kg as CaCo3	4.00
Total Alkalinity		**88.0**	mg/Kg as CaCo3	4.00
Total Calcium		**80600**	mg/Kg	50.0
Chloride		**120**	mg/Kg	1.00
Specific Conductance		**693**	μMHOS/cm	0.00
Total Potassium		**1370**	mg/Kg	50.0
Total Magnesium		**4670**	mg/Kg	50.0
Total Sodium		**460**	mg/Kg	50.0
pH		**8.36**	s.u.	0.00
Sulfate		**172**	mg/Kg	2.00
TCLP Silver		<0.125	mg/L	0.125
TCLP Arsenic		<0.100	mg/L	0.100
TCLP Barium		**1.96**	mg/L	0.100
TCLP Cadmium		<0.0500	mg/L	0.0500
TCLP Chromium		<0.100	mg/L	0.100
TCLP Mercury		<0.0100	mg/L	0.0100
TCLP Lead		<0.100	mg/L	0.100
TCLP Selenium		<0.500	mg/L	0.500

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
155 McCutcheon, Suite H El Paso, Texas 79932 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Gandy Marley Inc.
Box 1658
Roswell, NM 88202

Report Date: May 23, 2005

Work Order: 5051704

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

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
62903	MW-2	water	2005-05-16	12:10	2005-05-16
62904	MW-1	water	2005-05-16	12:45	2005-05-16
62905	Trip Blank	water	2005-05-16	11:45	2005-05-16

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

This report consists of a total of 34 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Blair Leftwich

Dr. Blair Leftwich, Director

Analytical Report

Sample: 62903 - MW-2

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18145	Date Analyzed:	2005-05-17	Analyzed By:	RS
Prep Batch:	15980	Sample Preparation:	2005-05-17	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
Hydroxide Alkalinity		<1.00		mg/L as CaCo3	1	1.00
Carbonate Alkalinity		<1.00		mg/L as CaCo3	1	1.00
Bicarbonate Alkalinity		**88.0**		mg/L as CaCo3	1	4.00
Total Alkalinity		**88.0**		mg/L as CaCo3	1	4.00

Sample: 62903 - MW-2

Analysis:	Cations	Analytical Method:	S 6010B	Prep Method:	S 3005A
QC Batch:	18197	Date Analyzed:	2005-05-19	Analyzed By:	RR
Prep Batch:	15976	Sample Preparation:	2005-05-17	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Dissolved Calcium		**172**		mg/L	10	0.500
Dissolved Potassium		**19.5**		mg/L	10	0.500
Dissolved Magnesium		**32.7**		mg/L	10	0.500
Dissolved Sodium		**3130**		mg/L	100	0.500

Sample: 62903 - MW-2

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18135	Date Analyzed:	2005-05-17	Analyzed By:	WB
Prep Batch:	15975	Sample Preparation:	2005-05-17	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**4790**		mg/L	500	0.500

Sample: 62903 - MW-2

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18154	Date Analyzed:	2005-05-17	Analyzed By:	RS
Prep Batch:	15979	Sample Preparation:	2005-05-17	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
Specific Conductance		**14200**		µMHOS/cm	1	0.00

Sample: 62903 - MW-2

Analysis:	NO2 (Spec)	Analytical Method:	SM 4500-NO2 B	Prep Method:	N/A
QC Batch:	18146	Date Analyzed:	2005-05-17	Analyzed By:	RS
Prep Batch:	15978	Sample Preparation:	2005-05-17	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
Nitrite-N		<0.0100		mg/L	1	0.0100

Sample: 62903 - MW-2

Analysis:	NO3 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18135	Date Analyzed:	2005-05-17	Analyzed By:	WB
Prep Batch:	15975	Sample Preparation:	2005-05-17	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Nitrate-N		<1.00		mg/L	5	0.200

Sample: 62903 - MW-2

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18152 [a]	Date Analyzed:	2005-05-17	Analyzed By:	RS
Prep Batch:	15986	Sample Preparation:	2005-05-17	Prepared By:	RS

[a] sample run in laboratory

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**8.15**		s.u.	1	0.00

Sample: 62903 - MW-2

Analysis:	Semivolatiles	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	18193	Date Analyzed:	2005-05-18	Analyzed By:	RC
Prep Batch:	16018	Sample Preparation:	2005-05-18	Prepared By:	RC

Parameter	Flag	Result	RL	Units	Dilution	RL
Pyridine		<0.00500		mg/L	1	0.00500
n-Nitrosodimethylamine		<0.00500		mg/L	1	0.00500
2-Picoline		<0.00500		mg/L	1	0.00500
Methyl methanesulfonate		<0.00500		mg/L	1	0.00500
Ethyl methanesulfonate		<0.00500		mg/L	1	0.00500
Phenol		<0.00500		mg/L	1	0.00500
Aniline		<0.00500		mg/L	1	0.00500
bis(2-chloroethyl)ether		<0.00500		mg/L	1	0.00500
2-Chlorophenol		<0.00500		mg/L	1	0.00500
1,3-Dichlorobenzene (meta)		<0.00500		mg/L	1	0.00500

continued ...

sample 62903 continued ...

Parameter	Flag	Result	RL	Units	Dilution	RL
1,4-Dichlorobenzene (para)		<0.00500		mg/L	1	0.00500
Benzyl alcohol		<0.00500		mg/L	1	0.00500
1,2-Dichlorobenzene (ortho)		<0.00500		mg/L	1	0.00500
2-Methylphenol		<0.00500		mg/L	1	0.00500
bis(2-chloroisopropyl)ether		<0.00500		mg/L	1	0.00500
4-Methylphenol / 3-Methylphenol		<0.00500		mg/L	1	0.00500
n-Nitrosodi-n-propylamine		<0.00500		mg/L	1	0.00500
Hexachloroethane		<0.00500		mg/L	1	0.00500
Acetophenone		<0.00500		mg/L	1	0.00500
Nitrobenzene		<0.00500		mg/L	1	0.00500
n-Nitrosopiperidine		<0.00500		mg/L	1	0.00500
Isophorone		<0.00500		mg/L	1	0.00500
2-Nitrophenol		<0.00500		mg/L	1	0.00500
2,4-Dimethylphenol		<0.00500		mg/L	1	0.00500
bis(2-chloroethoxy)methane		<0.00500		mg/L	1	0.00500
2,4-Dichlorophenol		<0.00500		mg/L	1	0.00500
1,2,4-Trichlorobenzene		<0.00500		mg/L	1	0.00500
Benzoic acid		<0.00500		mg/L	1	0.00500
Naphthalene		<0.00500		mg/L	1	0.00500
a,a-Dimethylphenethylamine		<0.00500		mg/L	1	0.00500
4-Chloroaniline		<0.00500		mg/L	1	0.00500
2,6-Dichlorophenol		<0.00500		mg/L	1	0.00500
Hexachlorobutadiene		<0.00500		mg/L	1	0.00500
n-Nitroso-di-n-butylamine		<0.00500		mg/L	1	0.00500
4-Chloro-3-methylphenol		<0.00500		mg/L	1	0.00500
2-Methylnaphthalene		<0.00500		mg/L	1	0.00500
1-Methylnaphthalene		<0.00500		mg/L	1	0.00500
1,2,4,5-Tetrachlorobenzene		<0.00500		mg/L	1	0.00500
Hexachlorocyclopentadiene		<0.00500		mg/L	1	0.00500
2,4,6-Trichlorophenol		<0.00500		mg/L	1	0.00500
2,4,5-Trichlorophenol		<0.00500		mg/L	1	0.00500
2-Chloronaphthalene		<0.00500		mg/L	1	0.00500
1-Chloronaphthalene		<0.00500		mg/L	1	0.00500
2-Nitroaniline		<0.00500		mg/L	1	0.00500
Dimethylphthalate		<0.00500		mg/L	1	0.00500
Acenaphthylene		<0.00500		mg/L	1	0.00500
2,6-Dinitrotoluene		<0.00500		mg/L	1	0.00500
3-Nitroaniline		<0.00500		mg/L	1	0.00500
Acenaphthene		<0.00500		mg/L	1	0.00500
2,4-Dinitrophenol		<0.00500		mg/L	1	0.00500
Dibenzofuran		<0.00500		mg/L	1	0.00500
Pentachlorobenzene		<0.00500		mg/L	1	0.00500
4-Nitrophenol		<0.0250		mg/L	1	0.0250
2,4-Dinitrotoluene		<0.00500		mg/L	1	0.00500
1-Naphthylamine		<0.00500		mg/L	1	0.00500
2,3,4,6-Tetrachlorophenol		<0.00500		mg/L	1	0.00500
2-Naphthylamine		<0.00500		mg/L	1	0.00500
Fluorene		<0.00500		mg/L	1	0.00500
4-Chlorophenyl-phenylether		<0.00500		mg/L	1	0.00500

continued ...

sample 62903 continued...

Parameter	Flag	RL Result	Units	Dilution	RL
Diethylphthalate		<0.00500	mg/L	1	0.00500
4-Nitroaniline		<0.00500	mg/L	1	0.00500
Diphenylhydrazine		<0.00500	mg/L	1	0.00500
4,6-Dinitro-2-methylphenol		<0.00500	mg/L	1	0.00500
Diphenylamine		<0.00500	mg/L	1	0.00500
4-Bromophenyl-phenylether		<0.00500	mg/L	1	0.00500
Phenacetin		<0.00500	mg/L	1	0.00500
Hexachlorobenzene		<0.00500	mg/L	1	0.00500
4-Aminobiphenyl		<0.00500	mg/L	1	0.00500
Pentachlorophenol		<0.00500	mg/L	1	0.00500
Anthracene		<0.00500	mg/L	1	0.00500
Pentachloronitrobenzene		<0.00500	mg/L	1	0.00500
Pronamide		<0.00500	mg/L	1	0.00500
Phenanthrene		<0.00500	mg/L	1	0.00500
Di-n-butylphthalate		<0.00500	mg/L	1	0.00500
Fluoranthene		<0.00500	mg/L	1	0.00500
Benzidine		<0.0100	mg/L	1	0.0100
Pyrene		<0.00500	mg/L	1	0.00500
p-Dimethylaminoazobenzene		<0.00500	mg/L	1	0.00500
Butylbenzylphthalate		<0.00500	mg/L	1	0.00500
Benzo(a)anthracene		<0.00500	mg/L	1	0.00500
3,3-Dichlorobenzidine		<0.00500	mg/L	1	0.00500
Chrysene		<0.00500	mg/L	1	0.00500
bis(2-ethylhexyl)phthalate		<0.0100	mg/L	1	0.0100
Di-n-octylphthalate		<0.00500	mg/L	1	0.00500
Benzo(b)fluoranthene		<0.00500	mg/L	1	0.00500
Benzo(k)fluoranthene		<0.00500	mg/L	1	0.00500
7,12-Dimethylbenz(a)anthracene		<0.00500	mg/L	1	0.00500
Benzo(a)pyrene		<0.00500	mg/L	1	0.00500
3-Methylcholanthrene		<0.00500	mg/L	1	0.00500
Dibenzo(a,j)acridine		<0.00500	mg/L	1	0.00500
Indeno(1,2,3-cd)pyrene		<0.00500	mg/L	1	0.00500
Dibenzo(a,h)anthracene		<0.00500	mg/L	1	0.00500
Benzo(g,h,i)perylene		<0.00500	mg/L	1	0.00500

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		0.0428	mg/L	1	0.0800	54	10 - 75.1
Phenol-d5		0.0274	mg/L	1	0.0800	34	10 - 56.2
Nitrobenzene-d5	[1]	0.0891	mg/L	1	0.0800	111	18.1 - 108
2-Fluorobiphenyl		0.0842	mg/L	1	0.0800	105	20 - 112
2,4,6-Tribromophenol		0.105	mg/L	1	0.0800	131	10 - 135
Terphenyl-d14		0.102	mg/L	1	0.0800	128	28.2 - 134

Sample: 62903 - MW-2

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18135	Date Analyzed:	2005-05-17	Analyzed By:	WB
Prep Batch:	15975	Sample Preparation:	2005-05-17	Prepared By:	WB

[1]High surrogate recovery due to peak interference.

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**2180**	mg/L	50	0.500

Sample: 62903 - MW-2

Analysis:	TDS	Analytical Method:	SM 2540C	Prep Method:	N/A
QC Batch:	18169	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16005	Sample Preparation:	2005-05-17	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Total Dissolved Solids		**8970**	mg/L	10	10.00

Sample: 62903 - MW-2

Analysis:	Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	18175	Date Analyzed:	2005-05-18	Analyzed By:	TP
Prep Batch:	16007	Sample Preparation:	2005-05-18	Prepared By:	TP
Analysis:	Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	18187	Date Analyzed:	2005-05-19	Analyzed By:	RR
Prep Batch:	16000	Sample Preparation:	2005-05-18	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00200	mg/L	1	0.00200
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		**0.0160**	mg/L	1	0.0100
Total Cadmium		<0.00100	mg/L	1	0.00100
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.00500	mg/L	1	0.00500
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 62903 - MW-2

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	18133	Date Analyzed:	2005-05-18	Analyzed By:	DS
Prep Batch:	15974	Sample Preparation:	2005-05-17	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<5.00	mg/L	0.1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		12.9	mg/L	0.1	150	86	66.6 - 111

Sample: 62903 - MW-2

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5030B
QC Batch:	18150	Date Analyzed:	2005-05-17	Analyzed By:	
Prep Batch:	15990	Sample Preparation:	2005-05-17	Prepared By:	

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<0.500	mg/L	5	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.446	mg/L	5	0.100	89	80.5 - 113
4-Bromofluorobenzene (4-BFB)		0.445	mg/L	5	0.100	89	64.8 - 123

Sample: 62903 - MW-2

Analysis:	Volatiles	Analytical Method:	S 8260B	Prep Method:	S 5030B
QC Batch:	18194	Date Analyzed:	2005-05-17	Analyzed By:	JG
Prep Batch:	16019	Sample Preparation:	2005-05-17	Prepared By:	JG

Parameter	Flag	RL Result	Units	Dilution	RL
Bromochloromethane		<1.00	µg/L	1	1.00
Dichlorodifluoromethane		<1.00	µg/L	1	1.00
Chloromethane (methyl chloride)		<1.00	µg/L	1	1.00
Vinyl Chloride		<1.00	µg/L	1	1.00
Bromomethane (methyl bromide)		<1.00	µg/L	1	1.00
Chloroethane		<1.00	µg/L	1	1.00
Trichlorofluoromethane		<1.00	µg/L	1	1.00
Acetone		<10.0	µg/L	1	10.0
Iodomethane (methyl iodide)		<5.00	µg/L	1	5.00
Carbon Disulfide		<1.00	µg/L	1	1.00
Acrylonitrile		<1.00	µg/L	1	1.00
2-Butanone (MEK)		<5.00	µg/L	1	5.00
4-Methyl-2-pentanone (MIBK)		<5.00	µg/L	1	5.00
2-Hexanone		<1.00	µg/L	1	1.00
trans 1,4-Dichloro-2-butene		<10.0	µg/L	1	10.0
1,1-Dichloroethene		<1.00	µg/L	1	1.00
Methylene chloride		<5.00	µg/L	1	5.00
MTBE		<1.00	µg/L	1	1.00
trans-1,2-Dichloroethene		<1.00	µg/L	1	1.00
1,1-Dichloroethane		<1.00	µg/L	1	1.00
cis-1,2-Dichloroethene		<1.00	µg/L	1	1.00
2,2-Dichloropropane		<1.00	µg/L	1	1.00
1,2-Dichloroethane (EDC)		<1.00	µg/L	1	1.00
Chloroform		<1.00	µg/L	1	1.00
1,1,1-Trichloroethane		<1.00	µg/L	1	1.00
1,1-Dichloropropene		<1.00	µg/L	1	1.00
Benzene		<1.00	µg/L	1	1.00
Carbon Tetrachloride		<1.00	µg/L	1	1.00
1,2-Dichloropropane		<1.00	µg/L	1	1.00

continued ...

sample 62903 continued...

Parameter	Flag	Result	RL	Units	Dilution	RL
Trichloroethene (TCE)		<1.00		µg/L	1	1.00
Dibromomethane (methylene bromide)		<1.00		µg/L	1	1.00
Bromodichloromethane		<1.00		µg/L	1	1.00
2-Chloroethyl vinyl ether		<5.00		µg/L	1	5.00
cis-1,3-Dichloropropene		<1.00		µg/L	1	1.00
trans-1,3-Dichloropropene		<1.00		µg/L	1	1.00
Toluene		<1.00		µg/L	1	1.00
1,1,2-Trichloroethane		<1.00		µg/L	1	1.00
1,3-Dichloropropane		<1.00		µg/L	1	1.00
Dibromochloromethane		<1.00		µg/L	1	1.00
1,2-Dibromoethane (EDB)		<1.00		µg/L	1	1.00
Tetrachloroethene (PCE)		<1.00		µg/L	1	1.00
Chlorobenzene		<1.00		µg/L	1	1.00
1,1,1,2-Tetrachloroethane		<1.00		µg/L	1	1.00
Ethylbenzene		<1.00		µg/L	1	1.00
m,p-Xylene		<1.00		µg/L	1	1.00
Bromoform		<1.00		µg/L	1	1.00
Styrene		<1.00		µg/L	1	1.00
o-Xylene		<1.00		µg/L	1	1.00
1,1,2,2-Tetrachloroethane		<1.00		µg/L	1	1.00
2-Chlorotoluene		<1.00		µg/L	1	1.00
1,2,3-Trichloropropane		<1.00		µg/L	1	1.00
Isopropylbenzene		<1.00		µg/L	1	1.00
Bromobenzene		<1.00		µg/L	1	1.00
n-Propylbenzene		<1.00		µg/L	1	1.00
1,3,5-Trimethylbenzene		<1.00		µg/L	1	1.00
tert-Butylbenzene		<1.00		µg/L	1	1.00
1,2,4-Trimethylbenzene		<1.00		µg/L	1	1.00
1,4-Dichlorobenzene (para)		<1.00		µg/L	1	1.00
sec-Butylbenzene		<1.00		µg/L	1	1.00
1,3-Dichlorobenzene (meta)		<1.00		µg/L	1	1.00
p-Isopropyltoluene		<1.00		µg/L	1	1.00
4-Chlorotoluene		<1.00		µg/L	1	1.00
1,2-Dichlorobenzene (ortho)		<1.00		µg/L	1	1.00
n-Butylbenzene		<1.00		µg/L	1	1.00
1,2-Dibromo-3-chloropropane		<2.00		µg/L	1	2.00
1,2,3-Trichlorobenzene		<5.00		µg/L	1	5.00
1,2,4-Trichlorobenzene		<5.00		µg/L	1	5.00
Naphthalene		<5.00		µg/L	1	5.00
Hexachlorobutadiene		<5.00		µg/L	1	5.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		50.9	µg/L	1	50.0	102	70 - 130
Toluene-d8		50.1	µg/L	1	50.0	100	70 - 130
4-Bromofluorobenzene (4-BFB)		47.7	µg/L	1	50.0	95	70 - 130

Sample: 62904 - MW-1

Analysis:	Alkalinity	Analytical Method:	SM 2320B	Prep Method:	N/A
QC Batch:	18145	Date Analyzed:	2005-05-17	Analyzed By:	RS
Prep Batch:	15980	Sample Preparation:	2005-05-17	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Hydroxide Alkalinity		<1.00	mg/L as CaCo3	1	1.00
Carbonate Alkalinity		<1.00	mg/L as CaCo3	1	1.00
Bicarbonate Alkalinity		**90.0**	mg/L as CaCo3	1	4.00
Total Alkalinity		**90.0**	mg/L as CaCo3	1	4.00

Sample: 62904 - MW-1

Analysis:	Cations	Analytical Method:	S 6010B	Prep Method:	S 3005A
QC Batch:	18197	Date Analyzed:	2005-05-19	Analyzed By:	RR
Prep Batch:	15976	Sample Preparation:	2005-05-17	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Dissolved Calcium		**168**	mg/L	10	0.500
Dissolved Potassium		**21.5**	mg/L	10	0.500
Dissolved Magnesium		**37.4**	mg/L	10	0.500
Dissolved Sodium		**3340**	mg/L	100	0.500

Sample: 62904 - MW-1

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18135	Date Analyzed:	2005-05-17	Analyzed By:	WB
Prep Batch:	15975	Sample Preparation:	2005-05-17	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**4840**	mg/L	500	0.500

Sample: 62904 - MW-1

Analysis:	Conductivity	Analytical Method:	SM 2510B	Prep Method:	N/A
QC Batch:	18154	Date Analyzed:	2005-05-17	Analyzed By:	RS
Prep Batch:	15979	Sample Preparation:	2005-05-17	Prepared By:	RS

Parameter	Flag	RL Result	Units	Dilution	RL
Specific Conductance		**14500**	µMHOS/cm	1	0.00

Sample: 62904 - MW-1

Analysis:	NO2 (Spec)	Analytical Method:	SM 4500-NO2 B	Prep Method:	N/A
QC Batch:	18146	Date Analyzed:	2005-05-17	Analyzed By:	RS
Prep Batch:	15978	Sample Preparation:	2005-05-17	Prepared By:	RS

Parameter	Flag	Result	RL	Units	Dilution	RL
Nitrite-N		<0.0100		mg/L	1	0.0100

Sample: 62904 - MW-1

Analysis:	NO3 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18135	Date Analyzed:	2005-05-17	Analyzed By:	WB
Prep Batch:	15975	Sample Preparation:	2005-05-17	Prepared By:	WB

Parameter	Flag	Result	RL	Units	Dilution	RL
Nitrate-N		<1.00		mg/L	5	0.200

Sample: 62904 - MW-1

Analysis:	pH	Analytical Method:	SM 4500-H+	Prep Method:	N/A
QC Batch:	18152 [a]	Date Analyzed:	2005-05-17	Analyzed By:	RS
Prep Batch:	15986	Sample Preparation:	2005-05-17	Prepared By:	RS

[a]sample run in laboratory

Parameter	Flag	Result	RL	Units	Dilution	RL
pH		**8.14**		s.u.	1	0.00

Sample: 62904 - MW-1

Analysis:	Semivolatiles	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	18193	Date Analyzed:	2005-05-18	Analyzed By:	RC
Prep Batch:	16018	Sample Preparation:	2005-05-18	Prepared By:	RC

Parameter	Flag	Result	RL	Units	Dilution	RL
Pyridine		<0.00500		mg/L	1	0.00500
n-Nitrosodimethylamine		<0.00500		mg/L	1	0.00500
2-Picoline		<0.00500		mg/L	1	0.00500
Methyl methanesulfonate		<0.00500		mg/L	1	0.00500
Ethyl methanesulfonate		<0.00500		mg/L	1	0.00500
Phenol		<0.00500		mg/L	1	0.00500
Aniline		<0.00500		mg/L	1	0.00500
bis(2-chloroethyl)ether		<0.00500		mg/L	1	0.00500
2-Chlorophenol		<0.00500		mg/L	1	0.00500
1,3-Dichlorobenzene (meta)		<0.00500		mg/L	1	0.00500

continued . . .

sample 62904 continued...

Parameter	Flag	Result	RL	Units	Dilution	RL
1,4-Dichlorobenzene (para)		<0.00500		mg/L	1	0.00500
Benzyl alcohol		<0.00500		mg/L	1	0.00500
1,2-Dichlorobenzene (ortho)		<0.00500		mg/L	1	0.00500
2-Methylphenol		<0.00500		mg/L	1	0.00500
bis(2-chloroisopropyl)ether		<0.00500		mg/L	1	0.00500
4-Methylphenol / 3-Methylphenol		<0.00500		mg/L	1	0.00500
n-Nitrosodi-n-propylamine		<0.00500		mg/L	1	0.00500
Hexachloroethane		<0.00500		mg/L	1	0.00500
Acetophenone		<0.00500		mg/L	1	0.00500
Nitrobenzene		<0.00500		mg/L	1	0.00500
n-Nitrosopiperidine		<0.00500		mg/L	1	0.00500
Isophorone		<0.00500		mg/L	1	0.00500
2-Nitrophenol		<0.00500		mg/L	1	0.00500
2,4-Dimethylphenol		<0.00500		mg/L	1	0.00500
bis(2-chloroethoxy)methane		<0.00500		mg/L	1	0.00500
2,4-Dichlorophenol		<0.00500		mg/L	1	0.00500
1,2,4-Trichlorobenzene		<0.00500		mg/L	1	0.00500
Benzoic acid		<0.00500		mg/L	1	0.00500
Naphthalene		<0.00500		mg/L	1	0.00500
a,a-Dimethylphenethylamine		<0.00500		mg/L	1	0.00500
4-Chloroaniline		<0.00500		mg/L	1	0.00500
2,6-Dichlorophenol		<0.00500		mg/L	1	0.00500
Hexachlorobutadiene		<0.00500		mg/L	1	0.00500
n-Nitroso-di-n-butylamine		<0.00500		mg/L	1	0.00500
4-Chloro-3-methylphenol		<0.00500		mg/L	1	0.00500
2-Methylnaphthalene		<0.00500		mg/L	1	0.00500
1-Methylnaphthalene		<0.00500		mg/L	1	0.00500
1,2,4,5-Tetrachlorobenzene		<0.00500		mg/L	1	0.00500
Hexachlorocyclopentadiene		<0.00500		mg/L	1	0.00500
2,4,6-Trichlorophenol		<0.00500		mg/L	1	0.00500
2,4,5-Trichlorophenol		<0.00500		mg/L	1	0.00500
2-Chloronaphthalene		<0.00500		mg/L	1	0.00500
1-Chloronaphthalene		<0.00500		mg/L	1	0.00500
2-Nitroaniline		<0.00500		mg/L	1	0.00500
Dimethylphthalate		<0.00500		mg/L	1	0.00500
Acenaphthylene		<0.00500		mg/L	1	0.00500
2,6-Dinitrotoluene		<0.00500		mg/L	1	0.00500
3-Nitroaniline		<0.00500		mg/L	1	0.00500
Acenaphthene		<0.00500		mg/L	1	0.00500
2,4-Dinitrophenol		<0.00500		mg/L	1	0.00500
Dibenzofuran		<0.00500		mg/L	1	0.00500
Pentachlorobenzene		<0.00500		mg/L	1	0.00500
4-Nitrophenol		<0.0250		mg/L	1	0.0250
2,4-Dinitrotoluene		<0.00500		mg/L	1	0.00500
1-Naphthylamine		<0.00500		mg/L	1	0.00500
2,3,4,6-Tetrachlorophenol		<0.00500		mg/L	1	0.00500
2-Naphthylamine		<0.00500		mg/L	1	0.00500
Fluorene		<0.00500		mg/L	1	0.00500
4-Chlorophenyl-phenylether		<0.00500		mg/L	1	0.00500

continued...

sample 62904 continued...

Parameter	Flag	Result	RL	Units	Dilution	RL
Diethylphthalate		<0.00500		mg/L	1	0.00500
4-Nitroaniline		<0.00500		mg/L	1	0.00500
Diphenylhydrazine		<0.00500		mg/L	1	0.00500
4,6-Dinitro-2-methylphenol		<0.00500		mg/L	1	0.00500
Diphenylamine		<0.00500		mg/L	1	0.00500
4-Bromophenyl-phenylether		<0.00500		mg/L	1	0.00500
Phenacetin		<0.00500		mg/L	1	0.00500
Hexachlorobenzene		<0.00500		mg/L	1	0.00500
4-Aminobiphenyl		<0.00500		mg/L	1	0.00500
Pentachlorophenol		<0.00500		mg/L	1	0.00500
Anthracene		<0.00500		mg/L	1	0.00500
Pentachloronitrobenzene		<0.00500		mg/L	1	0.00500
Pronamide		<0.00500		mg/L	1	0.00500
Phenanthrene		<0.00500		mg/L	1	0.00500
Di-n-butylphthalate		<0.00500		mg/L	1	0.00500
Fluoranthene		<0.00500		mg/L	1	0.00500
Benzidine		<0.0100		mg/L	1	0.0100
Pyrene		<0.00500		mg/L	1	0.00500
p-Dimethylaminoazobenzene		<0.00500		mg/L	1	0.00500
Butylbenzylphthalate		<0.00500		mg/L	1	0.00500
Benzo(a)anthracene		<0.00500		mg/L	1	0.00500
3,3-Dichlorobenzidine		<0.00500		mg/L	1	0.00500
Chrysene		<0.00500		mg/L	1	0.00500
bis(2-ethylhexyl)phthalate		<0.0100		mg/L	1	0.0100
Di-n-octylphthalate		<0.00500		mg/L	1	0.00500
Benzo(b)fluoranthene		<0.00500		mg/L	1	0.00500
Benzo(k)fluoranthene		<0.00500		mg/L	1	0.00500
7,12-Dimethylbenz(a)anthracene		<0.00500		mg/L	1	0.00500
Benzo(a)pyrene		<0.00500		mg/L	1	0.00500
3-Methylcholanthrene		<0.00500		mg/L	1	0.00500
Dibenzo(a,j)acridine		<0.00500		mg/L	1	0.00500
Indeno(1,2,3-cd)pyrene		<0.00500		mg/L	1	0.00500
Dibenzo(a,h)anthracene		<0.00500		mg/L	1	0.00500
Benzo(g,h,i)perylene		<0.00500		mg/L	1	0.00500

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		0.0526	mg/L	1	0.0800	66	10 - 75.1
Phenol-d5		0.0351	mg/L	1	0.0800	44	10 - 56.2
Nitrobenzene-d5	[2]	0.0959	mg/L	1	0.0800	120	18.1 - 108
2-Fluorobiphenyl	[3]	0.0905	mg/L	1	0.0800	113	20 - 112
2,4,6-Tribromophenol	[4]	0.112	mg/L	1	0.0800	140	10 - 135
Terphenyl-d14		0.100	mg/L	1	0.0800	125	28.2 - 134

Sample: 62904 - MW-1

Analysis:	SO4 (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	18135	Date Analyzed:	2005-05-17	Analyzed By:	WB
Prep Batch:	15975	Sample Preparation:	2005-05-17	Prepared By:	WB

[2]High surrogate recovery due to peak interference.
[3]High surrogate recovery due to peak interference.
[4]High surrogate recovery due to peak interference.

Parameter	Flag	RL Result	Units	Dilution	RL
Sulfate		**1760**	mg/L	50	0.500

Sample: 62904 - MW-1

Analysis:	TDS	Analytical Method:	SM 2540C	Prep Method:	N/A
QC Batch:	18169	Date Analyzed:	2005-05-18	Analyzed By:	WB
Prep Batch:	16005	Sample Preparation:	2005-05-17	Prepared By:	WB

Parameter	Flag	RL Result	Units	Dilution	RL
Total Dissolved Solids		**8930**	mg/L	10	10.00

Sample: 62904 - MW-1

Analysis:	Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	18175	Date Analyzed:	2005-05-18	Analyzed By:	TP
Prep Batch:	16007	Sample Preparation:	2005-05-18	Prepared By:	TP
Analysis:	Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	18187	Date Analyzed:	2005-05-19	Analyzed By:	RR
Prep Batch:	16000	Sample Preparation:	2005-05-18	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.00200	mg/L	1	0.00200
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		**0.0380**	mg/L	1	0.0100
Total Cadmium		<0.00100	mg/L	1	0.00100
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.00500	mg/L	1	0.00500
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 62904 - MW-1

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	18133	Date Analyzed:	2005-05-18	Analyzed By:	DS
Prep Batch:	15974	Sample Preparation:	2005-05-17	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<5.00	mg/L	0.1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		12.9	mg/L	0.1	150	86	66.6 - 111

Sample: 62904 - MW-1

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5030B
QC Batch:	18150	Date Analyzed:	2005-05-17	Analyzed By:	
Prep Batch:	15990	Sample Preparation:	2005-05-17	Prepared By:	

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<0.500	mg/L	5	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.459	mg/L	5	0.100	92	80.5 - 113
4-Bromofluorobenzene (4-BFB)		0.450	mg/L	5	0.100	90	64.8 - 123

Sample: 62904 - MW-1

Analysis:	Volatiles	Analytical Method:	S 8260B	Prep Method:	S 5030B
QC Batch:	18194	Date Analyzed:	2005-05-17	Analyzed By:	JG
Prep Batch:	16019	Sample Preparation:	2005-05-17	Prepared By:	JG

Parameter	Flag	RL Result	Units	Dilution	RL
Bromochloromethane		<1.00	µg/L	1	1.00
Dichlorodifluoromethane		<1.00	µg/L	1	1.00
Chloromethane (methyl chloride)		<1.00	µg/L	1	1.00
Vinyl Chloride		<1.00	µg/L	1	1.00
Bromomethane (methyl bromide)		<1.00	µg/L	1	1.00
Chloroethane		<1.00	µg/L	1	1.00
Trichlorofluoromethane		<1.00	µg/L	1	1.00
Acetone		<10.0	µg/L	1	10.0
Iodomethane (methyl iodide)		<5.00	µg/L	1	5.00
Carbon Disulfide		<1.00	µg/L	1	1.00
Acrylonitrile		<1.00	µg/L	1	1.00
2-Butanone (MEK)		<5.00	µg/L	1	5.00
4-Methyl-2-pentanone (MIBK)		<5.00	µg/L	1	5.00
2-Hexanone		<1.00	µg/L	1	1.00
trans 1,4-Dichloro-2-butene		<10.0	µg/L	1	10.0
1,1-Dichloroethene		<1.00	µg/L	1	1.00
Methylene chloride		<5.00	µg/L	1	5.00
MTBE		<1.00	µg/L	1	1.00
trans-1,2-Dichloroethene		<1.00	µg/L	1	1.00
1,1-Dichloroethane		<1.00	µg/L	1	1.00
cis-1,2-Dichloroethene		<1.00	µg/L	1	1.00
2,2-Dichloropropane		<1.00	µg/L	1	1.00
1,2-Dichloroethane (EDC)		<1.00	µg/L	1	1.00
Chloroform		<1.00	µg/L	1	1.00
1,1,1-Trichloroethane		<1.00	µg/L	1	1.00
1,1-Dichloropropene		<1.00	µg/L	1	1.00
Benzene		<1.00	µg/L	1	1.00
Carbon Tetrachloride		<1.00	µg/L	1	1.00
1,2-Dichloropropane		<1.00	µg/L	1	1.00

continued ...

sample 62904 continued...

Parameter	Flag	Result	RL	Units	Dilution	RL
Trichloroethene (TCE)		<1.00		µg/L	1	1.00
Dibromomethane (methylene bromide)		<1.00		µg/L	1	1.00
Bromodichloromethane		<1.00		µg/L	1	1.00
2-Chloroethyl vinyl ether		<5.00		µg/L	1	5.00
cis-1,3-Dichloropropene		<1.00		µg/L	1	1.00
trans-1,3-Dichloropropene		<1.00		µg/L	1	1.00
Toluene		<1.00		µg/L	1	1.00
1,1,2-Trichloroethane		<1.00		µg/L	1	1.00
1,3-Dichloropropane		<1.00		µg/L	1	1.00
Dibromochloromethane		<1.00		µg/L	1	1.00
1,2-Dibromoethane (EDB)		<1.00		µg/L	1	1.00
Tetrachloroethene (PCE)		<1.00		µg/L	1	1.00
Chlorobenzene		<1.00		µg/L	1	1.00
1,1,1,2-Tetrachloroethane		<1.00		µg/L	1	1.00
Ethylbenzene		<1.00		µg/L	1	1.00
m,p-Xylene		<1.00		µg/L	1	1.00
Bromoform		<1.00		µg/L	1	1.00
Styrene		<1.00		µg/L	1	1.00
o-Xylene		<1.00		µg/L	1	1.00
1,1,2,2-Tetrachloroethane		<1.00		µg/L	1	1.00
2-Chlorotoluene		<1.00		µg/L	1	1.00
1,2,3-Trichloropropane		<1.00		µg/L	1	1.00
Isopropylbenzene		<1.00		µg/L	1	1.00
Bromobenzene		<1.00		µg/L	1	1.00
n-Propylbenzene		<1.00		µg/L	1	1.00
1,3,5-Trimethylbenzene		<1.00		µg/L	1	1.00
tert-Butylbenzene		<1.00		µg/L	1	1.00
1,2,4-Trimethylbenzene		<1.00		µg/L	1	1.00
1,4-Dichlorobenzene (para)		<1.00		µg/L	1	1.00
sec-Butylbenzene		<1.00		µg/L	1	1.00
1,3-Dichlorobenzene (meta)		<1.00		µg/L	1	1.00
p-Isopropyltoluene		<1.00		µg/L	1	1.00
4-Chlorotoluene		<1.00		µg/L	1	1.00
1,2-Dichlorobenzene (ortho)		<1.00		µg/L	1	1.00
n-Butylbenzene		<1.00		µg/L	1	1.00
1,2-Dibromo-3-chloropropane		<2.00		µg/L	1	2.00
1,2,3-Trichlorobenzene		<5.00		µg/L	1	5.00
1,2,4-Trichlorobenzene		<5.00		µg/L	1	5.00
Naphthalene		<5.00		µg/L	1	5.00
Hexachlorobutadiene		<5.00		µg/L	1	5.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		50.8	µg/L	1	50.0	102	70 - 130
Toluene-d8		49.9	µg/L	1	50.0	100	70 - 130
4-Bromofluorobenzene (4-BFB)		47.8	µg/L	1	50.0	96	70 - 130

Sample: 62905 - Trip Blank

Analysis:	Volatiles	Analytical Method:	S 8260B	Prep Method:	S 5030B
QC Batch:	18194	Date Analyzed:	2005-05-17	Analyzed By:	JG
Prep Batch:	16019	Sample Preparation:	2005-05-17	Prepared By:	JG

Parameter	Flag	Result	RL Units	Dilution	RL
Bromochloromethane		<1.00	µg/L	1	1.00
Dichlorodifluoromethane		<1.00	µg/L	1	1.00
Chloromethane (methyl chloride)		<1.00	µg/L	1	1.00
Vinyl Chloride		<1.00	µg/L	1	1.00
Bromomethane (methyl bromide)		<1.00	µg/L	1	1.00
Chloroethane		<1.00	µg/L	1	1.00
Trichlorofluoromethane		<1.00	µg/L	1	1.00
Acetone		**53.7**	µg/L	1	10.0
Iodomethane (methyl iodide)		<5.00	µg/L	1	5.00
Carbon Disulfide		<1.00	µg/L	1	1.00
Acrylonitrile		<1.00	µg/L	1	1.00
2-Butanone (MEK)		<5.00	µg/L	1	5.00
4-Methyl-2-pentanone (MIBK)		<5.00	µg/L	1	5.00
2-Hexanone		<1.00	µg/L	1	1.00
trans 1,4-Dichloro-2-butene		<10.0	µg/L	1	10.0
1,1-Dichloroethene		<1.00	µg/L	1	1.00
Methylene chloride		<5.00	µg/L	1	5.00
MTBE		<1.00	µg/L	1	1.00
trans-1,2-Dichloroethene		<1.00	µg/L	1	1.00
1,1-Dichloroethane		<1.00	µg/L	1	1.00
cis-1,2-Dichloroethene		<1.00	µg/L	1	1.00
2,2-Dichloropropane		<1.00	µg/L	1	1.00
1,2-Dichloroethane (EDC)		<1.00	µg/L	1	1.00
Chloroform		<1.00	µg/L	1	1.00
1,1,1-Trichloroethane		<1.00	µg/L	1	1.00
1,1-Dichloropropene		<1.00	µg/L	1	1.00
Benzene		<1.00	µg/L	1	1.00
Carbon Tetrachloride		<1.00	µg/L	1	1.00
1,2-Dichloropropane		<1.00	µg/L	1	1.00
Trichloroethene (TCE)		<1.00	µg/L	1	1.00
Dibromomethane (methylene bromide)		<1.00	µg/L	1	1.00
Bromodichloromethane		<1.00	µg/L	1	1.00
2-Chloroethyl vinyl ether		<5.00	µg/L	1	5.00
cis-1,3-Dichloropropene		<1.00	µg/L	1	1.00
trans-1,3-Dichloropropene		<1.00	µg/L	1	1.00
Toluene		<1.00	µg/L	1	1.00
1,1,2-Trichloroethane		<1.00	µg/L	1	1.00
1,3-Dichloropropane		<1.00	µg/L	1	1.00
Dibromochloromethane		<1.00	µg/L	1	1.00
1,2-Dibromoethane (EDB)		<1.00	µg/L	1	1.00
Tetrachloroethene (PCE)		<1.00	µg/L	1	1.00
Chlorobenzene		<1.00	µg/L	1	1.00
1,1,1,2-Tetrachloroethane		<1.00	µg/L	1	1.00
Ethylbenzene		<1.00	µg/L	1	1.00
m,p-Xylene		<1.00	µg/L	1	1.00
Bromoform		<1.00	µg/L	1	1.00

continued ...

sample 62905 continued . . .

Parameter	Flag	RL Result	Units	Dilution	RL
Styrene		<1.00	µg/L	1	1.00
o-Xylene		<1.00	µg/L	1	1.00
1,1,2,2-Tetrachloroethane		<1.00	µg/L	1	1.00
2-Chlorotoluene		<1.00	µg/L	1	1.00
1,2,3-Trichloropropane		<1.00	µg/L	1	1.00
Isopropylbenzene		<1.00	µg/L	1	1.00
Bromobenzene		<1.00	µg/L	1	1.00
n-Propylbenzene		<1.00	µg/L	1	1.00
1,3,5-Trimethylbenzene		<1.00	µg/L	1	1.00
tert-Butylbenzene		<1.00	µg/L	1	1.00
1,2,4-Trimethylbenzene		<1.00	µg/L	1	1.00
1,4-Dichlorobenzene (para)		<1.00	µg/L	1	1.00
sec-Butylbenzene		<1.00	µg/L	1	1.00
1,3-Dichlorobenzene (meta)		<1.00	µg/L	1	1.00
p-Isopropyltoluene		<1.00	µg/L	1	1.00
4-Chlorotoluene		<1.00	µg/L	1	1.00
1,2-Dichlorobenzene (ortho)		<1.00	µg/L	1	1.00
n-Butylbenzene		<1.00	µg/L	1	1.00
1,2-Dibromo-3-chloropropane		<2.00	µg/L	1	2.00
1,2,3-Trichlorobenzene		<5.00	µg/L	1	5.00
1,2,4-Trichlorobenzene		<5.00	µg/L	1	5.00
Naphthalene		<5.00	µg/L	1	5.00
Hexachlorobutadiene		<5.00	µg/L	1	5.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		51.3	µg/L	1	50.0	103	70 - 130
Toluene-d8		50.4	µg/L	1	50.0	101	70 - 130
4-Bromofluorobenzene (4-BFB)		48.3	µg/L	1	50.0	97	70 - 130

Method Blank (1) QC Batch: 18133

Parameter	Flag	MDL Result	Units	RL
DRO		<0.859	mg/L	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		10.9	mg/L	0.1	150	73	66.6 - 111

Method Blank (1) QC Batch: 18135

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.0504	mg/L	0.5

Method Blank (1) QC Batch: 18135

Parameter	Flag	MDL Result	Units	RL
Nitrate-N		<0.00400	mg/L	0.2

Method Blank (1) QC Batch: 18135

Parameter	Flag	MDL Result	Units	RL
Sulfate		<0.450	mg/L	0.5

Method Blank (1) QC Batch: 18145

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

Method Blank (1) QC Batch: 18146

Parameter	Flag	MDL Result	Units	RL
Nitrite-N		<0.000950	mg/L	0.01

Method Blank (1) QC Batch: 18150

Parameter	Flag	MDL Result	Units	RL
GRO		0.209	mg/L	0.1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0916	mg/L	1	0.100	92	77.63 - 111
4-Bromofluorobenzene (4-BFB)		0.0909	mg/L	1	0.100	91	32.2 - 122

Method Blank (1) QC Batch: 18154

Parameter	Flag	MDL Result	Units	RL
Specific Conductance		2.95	µMHOS/cm	

Method Blank (1) QC Batch: 18169

Parameter	Flag	MDL Result	Units	RL
Total Dissolved Solids		<5.000	mg/L	10

Method Blank (1) QC Batch: 18175

Parameter	Flag	MDL Result	Units	RL
Total Mercury		<0.0000407	mg/L	0.0002

Method Blank (1) QC Batch: 18187

Parameter	Flag	MDL Result	Units	RL
Total Silver		<0.000371	mg/L	0.002
Total Arsenic		<0.00722	mg/L	0.01
Total Barium		<0.000529	mg/L	0.01
Total Cadmium		<0.000527	mg/L	0.001
Total Chromium		<0.000789	mg/L	0.01
Total Lead		<0.00300	mg/L	0.005
Total Selenium		<0.00492	mg/L	0.01

Method Blank (1) QC Batch: 18193

Parameter	Flag	MDL Result	Units	RL
Pyridine		<0.000235	mg/L	0.005
n-Nitrosodimethylamine		<0.00143	mg/L	0.005
2-Picoline		<0.000437	mg/L	0.005
Methyl methanesulfonate		<0.000662	mg/L	0.005
Ethyl methanesulfonate		<0.000990	mg/L	0.005
Phenol		<0.000591	mg/L	0.005
Aniline		<0.000774	mg/L	0.005
bis(2-chloroethyl)ether		<0.00116	mg/L	0.005
2-Chlorophenol		<0.00279	mg/L	0.005
1,3-Dichlorobenzene (meta)		<0.000784	mg/L	0.005
1,4-Dichlorobenzene (para)		<0.000820	mg/L	0.005
Benzyl alcohol		<0.000607	mg/L	0.005
1,2-Dichlorobenzene (ortho)		<0.000869	mg/L	0.005
2-Methylphenol		<0.000950	mg/L	0.005
bis(2-chloroisopropyl)ether		<0.00151	mg/L	0.005
4-Methylphenol / 3-Methylphenol		<0.000782	mg/L	0.005
n-Nitrosodi-n-propylamine		<0.00117	mg/L	0.005
Hexachloroethane		<0.000738	mg/L	0.005
Acetophenone		<0.00131	mg/L	0.005
Nitrobenzene		<0.00121	mg/L	0.005
n-Nitrosopiperidine		<0.00150	mg/L	0.005
Isophorone		<0.00114	mg/L	0.005

continued ...

method blank continued ...

Parameter	Flag	MDL Result	Units	RL
2-Nitrophenol		<0.00430	mg/L	0.005
2,4-Dimethylphenol		<0.00110	mg/L	0.005
bis(2-chloroethoxy)methane		<0.00126	mg/L	0.005
2,4-Dichlorophenol		<0.00372	mg/L	0.005
1,2,4-Trichlorobenzene		<0.00108	mg/L	0.005
Benzoic acid		<0.000478	mg/L	0.005
Naphthalene		<0.00123	mg/L	0.005
a,a-Dimethylphenethylamine		<0.00316	mg/L	0.005
4-Chloroaniline		<0.000998	mg/L	0.005
2,6-Dichlorophenol		<0.00604	mg/L	0.005
Hexachlorobutadiene		<0.00104	mg/L	0.005
n-Nitroso-di-n-butylamine		<0.00159	mg/L	0.005
4-Chloro-3-methylphenol		<0.00102	mg/L	0.005
2-Methylnaphthalene		<0.00119	mg/L	0.005
1-Methylnaphthalene		<0.00118	mg/L	0.005
1,2,4,5-Tetrachlorobenzene		<0.00104	mg/L	0.005
Hexachlorocyclopentadiene		<0.000808	mg/L	0.005
2,4,6-Trichlorophenol		<0.00538	mg/L	0.005
2,4,5-Trichlorophenol		<0.00477	mg/L	0.005
2-Chloronaphthalene		<0.00110	mg/L	0.005
1-Chloronaphthalene		<0.00110	mg/L	0.005
2-Nitroaniline		<0.00103	mg/L	0.005
Dimethylphthalate		<0.000832	mg/L	0.005
Acenaphthylene		<0.00104	mg/L	0.005
2,6-Dinitrotoluene		<0.00103	mg/L	0.005
3-Nitroaniline		<0.000706	mg/L	0.005
Acenaphthene		<0.000990	mg/L	0.005
2,4-Dinitrophenol		<0.00261	mg/L	0.005
Dibenzofuran		<0.000945	mg/L	0.005
Pentachlorobenzene		<0.000907	mg/L	0.005
4-Nitrophenol		<0.00914	mg/L	0.025
2,4-Dinitrotoluene		<0.000729	mg/L	0.005
1-Naphthylamine		<0.000928	mg/L	0.005
2,3,4,6-Tetrachlorophenol		<0.00510	mg/L	0.005
2-Naphthylamine		<0.00100	mg/L	0.005
Fluorene		<0.000919	mg/L	0.005
4-Chlorophenyl-phenylether		<0.000952	mg/L	0.005
Diethylphthalate		<0.000816	mg/L	0.005
4-Nitroaniline		<0.000622	mg/L	0.005
Diphenylhydrazine		<0.000786	mg/L	0.005
4,6-Dinitro-2-methylphenol		<0.00311	mg/L	0.005
Diphenylamine		<0.000860	mg/L	0.005
4-Bromophenyl-phenylether		<0.000871	mg/L	0.005
Phenacetin		<0.000550	mg/L	0.005
Hexachlorobenzene		<0.000920	mg/L	0.005
4-Aminobiphenyl		<0.000934	mg/L	0.005
Pentachlorophenol		<0.00539	mg/L	0.005
Anthracene		<0.000826	mg/L	0.005
Pentachloronitrobenzene		<0.000934	mg/L	0.005
Pronamide		<0.000716	mg/L	0.005

continued ...

method blank continued...

Parameter	Flag	MDL Result	Units	RL
Phenanthrene		<0.000830	mg/L	0.005
Di-n-butylphthalate		<0.000811	mg/L	0.005
Fluoranthene		<0.000778	mg/L	0.005
Benzidine		<0.0167	mg/L	0.01
Pyrene		<0.00101	mg/L	0.005
p-Dimethylaminoazobenzene		<0.000974	mg/L	0.005
Butylbenzylphthalate		<0.000900	mg/L	0.005
Benzo(a)anthracene		<0.000632	mg/L	0.005
3,3-Dichlorobenzidine		<0.000938	mg/L	0.005
Chrysene		<0.000937	mg/L	0.005
bis(2-ethylhexyl)phthalate		<0.0340	mg/L	0.01
Di-n-octylphthalate		<0.000689	mg/L	0.005
Benzo(b)fluoranthene		<0.000492	mg/L	0.005
Benzo(k)fluoranthene		<0.000887	mg/L	0.005
7,12-Dimethylbenz(a)anthracene		<0.000687	mg/L	0.005
Benzo(a)pyrene		<0.000712	mg/L	0.005
3-Methylcholanthrene		<0.000641	mg/L	0.005
Dibenzo(a,j)acridine		<0.000620	mg/L	0.005
Indeno(1,2,3-cd)pyrene		<0.000655	mg/L	0.005
Dibenzo(a,h)anthracene		<0.000684	mg/L	0.005
Benzo(g,h,i)perylene		<0.000324	mg/L	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		0.0310	mg/L	1	0.0800	39	10 - 75.1
Phenol-d5		0.0200	mg/L	1	0.0800	25	10 - 56.2
Nitrobenzene-d5		0.0731	mg/L	1	0.0800	91	18.1 - 108
2-Fluorobiphenyl		0.0721	mg/L	1	0.0800	90	20 - 112
2,4,6-Tribromophenol		0.106	mg/L	1	0.0800	132	10 - 135
Terphenyl-d14		0.0920	mg/L	1	0.0800	115	28.2 - 134

Method Blank (1) QC Batch: 18194

Parameter	Flag	MDL Result	Units	RL
Bromochloromethane		<0.0699	µg/L	1
Dichlorodifluoromethane		<0.0598	µg/L	1
Chloromethane (methyl chloride)		<0.230	µg/L	1
Vinyl Chloride		<0.0902	µg/L	1
Bromomethane (methyl bromide)		<0.740	µg/L	5
Chloroethane		<0.195	µg/L	1
Trichlorofluoromethane		<0.160	µg/L	1
Acetone		1.49	µg/L	10
Iodomethane (methyl iodide)		<0.112	µg/L	5
Carbon Disulfide		<0.0764	µg/L	1
Acrylonitrile		<0.184	µg/L	1
2-Butanone (MEK)		<0.394	µg/L	5
4-Methyl-2-pentanone (MIBK)		<0.484	µg/L	5

continued...

method blank continued ...

Parameter	Flag	MDL Result	Units	RL
2-Hexanone		<0.0975	µg/L	5
trans 1,4-Dichloro-2-butene		<0.421	µg/L	10
1,1-Dichloroethene		0.0800	µg/L	1
Methylene chloride		<0.689	µg/L	5
MTBE		<0.0504	µg/L	1
trans-1,2-Dichloroethene		<0.0598	µg/L	1
1,1-Dichloroethane		<0.0299	µg/L	1
cis-1,2-Dichloroethene		<0.101	µg/L	1
2,2-Dichloropropane		<0.0665	µg/L	1
1,2-Dichloroethane (EDC)		<0.0557	µg/L	1
Chloroform		0.440	µg/L	1
1,1,1-Trichloroethane		<0.0846	µg/L	1
1,1-Dichloropropene		<0.0423	µg/L	1
Benzene		0.100	µg/L	1
Carbon Tetrachloride		<0.121	µg/L	1
1,2-Dichloropropane		<0.0933	µg/L	1
Trichloroethene (TCE)		0.100	µg/L	1
Dibromomethane (methylene bromide)		<0.0640	µg/L	1
Bromodichloromethane		0.160	µg/L	1
2-Chloroethyl vinyl ether		<0.0905	µg/L	5
cis-1,3-Dichloropropene		<0.0640	µg/L	1
trans-1,3-Dichloropropene		<0.0504	µg/L	1
Toluene		0.150	µg/L	1
1,1,2-Trichloroethane		<0.106	µg/L	1
1,3-Dichloropropane		<0.0625	µg/L	1
Dibromochloromethane		<0.0791	µg/L	1
1,2-Dibromoethane (EDB)		<0.0460	µg/L	1
Tetrachloroethene (PCE)		<0.0696	µg/L	1
Chlorobenzene		<0.0217	µg/L	1
1,1,1,2-Tetrachloroethane		<0.125	µg/L	1
Ethylbenzene		<0.0566	µg/L	1
m,p-Xylene		0.0900	µg/L	1
Bromoform		<0.0859	µg/L	1
Styrene		0.0400	µg/L	1
o-Xylene		<0.0504	µg/L	1
1,1,2,2-Tetrachloroethane		<0.0672	µg/L	1
2-Chlorotoluene		<0.0283	µg/L	1
1,2,3-Trichloropropane		<0.0679	µg/L	1
Isopropylbenzene		<0.0406	µg/L	1
Bromobenzene		<0.103	µg/L	1
n-Propylbenzene		0.0500	µg/L	1
1,3,5-Trimethylbenzene		<0.0557	µg/L	1
tert-Butylbenzene		<0.0770	µg/L	1
1,2,4-Trimethylbenzene		0.0400	µg/L	1
1,4-Dichlorobenzene (para)		<0.0672	µg/L	1
sec-Butylbenzene		0.0700	µg/L	1
1,3-Dichlorobenzene (meta)		<0.0672	µg/L	1
p-Isopropyltoluene		0.0600	µg/L	1
4-Chlorotoluene		<0.0460	µg/L	1
1,2-Dichlorobenzene (ortho)		0.0700	µg/L	1

continued ...

method blank continued ...

Parameter	Flag	MDL Result	Units	RL
n-Butylbenzene		0.0700	µg/L	1
1,2-Dibromo-3-chloropropane		<0.538	µg/L	2
1,2,3-Trichlorobenzene		1.06	µg/L	5
1,2,4-Trichlorobenzene		0.390	µg/L	5
Naphthalene		0.630	µg/L	5
Hexachlorobutadiene		0.450	µg/L	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		50.2	µg/L	1	50.0	100	70 - 130
Toluene-d8		50.4	µg/L	1	50.0	101	70 - 130
4-Bromofluorobenzene (4-BFB)		48.3	µg/L	1	50.0	97	70 - 130

Method Blank (1) QC Batch: 18197

Parameter	Flag	MDL Result	Units	RL
Dissolved Calcium		<0.102	mg/L	0.5
Dissolved Potassium		<0.0454	mg/L	0.5
Dissolved Magnesium		<0.110	mg/L	0.5
Dissolved Sodium		<0.0114	mg/L	0.5

Duplicate (1) QC Batch: 18145

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Hydroxide Alkalinity	<1.00	<1.00	mg/L as CaCo3	1	0	20
Carbonate Alkalinity	<1.00	<1.00	mg/L as CaCo3	1	0	20
Bicarbonate Alkalinity	92.0	90.0	mg/L as CaCo3	1	2	20
Total Alkalinity	92.0	90.0	mg/L as CaCo3	1	2	4.6

Duplicate (1) QC Batch: 18152

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
pH	9.00	9.00	s.u.	1	0	0.4

Duplicate (1) QC Batch: 18154

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Specific Conductance	80100	80300	µMHOS/cm	1	0	2.4

Duplicate (1) QC Batch: 18169

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Total Dissolved Solids	8750	8970	mg/L	10	2	14.9

Laboratory Control Spike (LCS-1) QC Batch: 18133

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
DRO	28.0	27.3	mg/L	0.1	250	<0.859	112	3	77.8 - 112	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
n-Triacontane	11.5	11.2	mg/L	0.1	150	77	75	66.6 - 111

Laboratory Control Spike (LCS-1) QC Batch: 18135

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	12.2	12.3	mg/L	1	12.5	<0.0504	98	1	90 - 110	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: 18135

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Nitrate-N	2.50	2.50	mg/L	1	2.50	<0.00400	100	0	90 - 110	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: 18135

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	12.4	12.4	mg/L	1	12.5	<0.450	99	0	90 - 110	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: 18146

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Nitrite-N	0.0821	0.0815	mg/L	1	0.0800	<0.000950	103	1	93.7 - 106	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: 18150

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	0.956	0.951	mg/L	1	1.00	<0.0261	96	1	69.7 - 131	24

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)	0.0964	0.0984	mg/L	1	0.100	96	98	80.5 - 113
4-Bromofluorobenzene (4-BFB)	0.0939	0.0973	mg/L	1	0.100	94	97	64.8 - 123

Laboratory Control Spike (LCS-1) QC Batch: 18175

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	0.00101	0.00101	mg/L	1	0.00100	<0.0000407	101	0	79.7 - 112	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: 18187

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.121	0.122	mg/L	1	0.125	<0.000371	97	1	85.6 - 108	20
Total Arsenic	0.479	0.480	mg/L	1	0.500	<0.00722	96	0	85 - 115	20
Total Barium	0.968	0.975	mg/L	1	1.00	<0.000529	97	1	85 - 113	20
Total Cadmium	0.237	0.239	mg/L	1	0.250	<0.000527	95	1	85.7 - 110	20
Total Chromium	0.101	0.102	mg/L	1	0.100	<0.000789	101	1	85.7 - 115	20
Total Lead	0.487	0.489	mg/L	1	0.500	<0.00300	97	0	85.4 - 112	20
Total Selenium	0.432	0.439	mg/L	1	0.500	<0.00492	86	2	85 - 105	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: 18193

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Phenol	0.0258	0.0262	mg/L	1	0.0800	<0.000590	32	2	10 - 50	20
2-Chlorophenol	0.0671	0.0682	mg/L	1	0.0800	<0.00279	84	2	10 - 90.3	20
1,4-Dichlorobenzene (para)	0.0690	0.0692	mg/L	1	0.0800	<0.000817	86	0	10 - 124	20
n-Nitrosodi-n-propylamine	0.0714	0.0717	mg/L	1	0.0800	<0.00117	89	0	10 - 147	20
1,2,4-Trichlorobenzene	0.0784	0.0790	mg/L	1	0.0800	<0.00108	98	1	10 - 145	20
4-Chloro-3-methylphenol	0.0909	0.0837	mg/L	1	0.0800	<0.00102	114	8	10 - 119	20
Acenaphthene	0.0760	0.0760	mg/L	1	0.0800	<0.000990	95	0	10 - 178	20
4-Nitrophenol	0.0317	0.0317	mg/L	1	0.0800	<0.00914	40	0	10 - 94.6	20
2,4-Dinitrotoluene	0.0801	0.0802	mg/L	1	0.0800	<0.000729	100	0	10 - 195	20
Pentachlorophenol	0.0816	0.0880	mg/L	1	0.0800	<0.00539	102	8	10 - 111	20
Pyrene	0.101	0.103	mg/L	1	0.0800	<0.00101	126	2	10 - 198	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
2-Fluorophenol	0.0393	0.0387	mg/L	1	0.0800	49	48	10 - 56.1
Phenol-d5	0.0238	0.0237	mg/L	1	0.0800	30	30	10 - 37.9
Nitrobenzene-d5	0.0839	0.0774	mg/L	1	0.0800	105	97	10 - 107
2-Fluorobiphenyl	0.0712	0.0706	mg/L	1	0.0800	89	88	10 - 114
2,4,6-Tribromophenol	0.0940	0.0941	mg/L	1	0.0800	118	118	10 - 125
Terphenyl-d14	0.102	0.104	mg/L	1	0.0800	128	130	13.8 - 139

Laboratory Control Spike (LCS-1) QC Batch: 18194

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
1,1-Dichloroethene	52.6	52.5	µg/L	1	50.0	<0.0736	105	0	70.9 - 118	20
Benzene	52.9	53.4	µg/L	1	50.0	<0.0495	106	1	80 - 117	20
Trichloroethene (TCE)	49.5	49.7	µg/L	1	50.0	<0.0495	99	0	76.8 - 112	20
Toluene	52.3	52.3	µg/L	1	50.0	<0.0736	105	0	78.2 - 111	20
Chlorobenzene	51.4	51.5	µg/L	1	50.0	<0.0217	103	0	82.8 - 108	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
Dibromofluoromethane	49.8	50.4	µg/L	1	50.0	100	101	92 - 112
Toluene-d8	50.4	50.1	µg/L	1	50.0	101	100	94.1 - 112
4-Bromofluorobenzene (4-BFB)	49.0	48.6	µg/L	1	50.0	98	97	87.5 - 116

Laboratory Control Spike (LCS-1) QC Batch: 18197

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Dissolved Calcium	48.5	49.1	mg/L	1	50.0	<0.102	97	1	85 - 115	20
Dissolved Potassium	50.7	48.9	mg/L	1	50.0	<0.0454	101	4	85 - 115	20
Dissolved Magnesium	45.4	42.7	mg/L	1	50.0	<0.110	91	6	85 - 115	20
Dissolved Sodium	49.5	48.8	mg/L	1	50.0	<0.0114	99	1	85 - 115	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: 18135 Spiked Sample: 62967

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	10600	10200	mg/L	500	12.5	3730	110	4	70.7 - 124	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: 18135 Spiked Sample: 62967

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Nitrate-N	1390	1360	mg/L	500	2.50	<2.00	111	2	78.8 - 116	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: 18135 Spiked Sample: 62967

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Sulfate	7560	7340	mg/L	500	12.5	1110	103	3	82.5 - 123	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: 18146 Spiked Sample: 62903

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Nitrite-N	0.0761	0.0770	mg/L	1	0.0800	<0.000950	95	1	81.3 - 106	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: 18175 Spiked Sample: 62903

Param		MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	[5,6]	0.000670	0.000710	mg/L	1	0.00100	<0.0000407	67	6	75 - 125	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: 18187 Spiked Sample: 62903

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.125	0.132	mg/L	1	0.125	<0.000371	100	5	81.5 - 116	20
Total Arsenic	0.455	0.491	mg/L	1	0.500	<0.00722	91	8	75 - 118	20
Total Barium	0.827	0.872	mg/L	1	1.00	0.016	81	5	75 - 122	20
Total Cadmium	0.207	0.218	mg/L	1	0.250	<0.000527	83	5	75 - 111	20
Total Chromium	0.0880	0.0930	mg/L	1	0.100	<0.000789	88	6	75 - 122	20
Total Lead	0.407	0.432	mg/L	1	0.500	<0.00300	81	6	75 - 113	20
Total Selenium	0.418	0.442	mg/L	1	0.500	<0.00492	84	6	75 - 115	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: 18193 Spiked Sample: 62179

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

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Phenol	0.0229	0.0232	mg/L	1	0.0800	<0.000590	29	1	10 - 60.9	20
2-Chlorophenol	0.0569	0.0572	mg/L	1	0.0800	<0.00279	71	0	10 - 125	20
1,4-Dichlorobenzene (para)	0.0546	0.0546	mg/L	1	0.0800	<0.000817	68	0	10 - 180	20
n-Nitrosodi-n-propylamine	0.0617	0.0622	mg/L	1	0.0800	<0.00117	77	1	10 - 206	20
1,2,4-Trichlorobenzene	0.0601	0.0606	mg/L	1	0.0800	<0.00108	75	1	10 - 187	20
4-Chloro-3-methylphenol	0.0766	0.0758	mg/L	1	0.0800	<0.00102	96	1	10 - 170	20
Acenaphthene	0.0667	0.0664	mg/L	1	0.0800	<0.000990	83	0	10 - 173	20
4-Nitrophenol	0.0228	0.0227	mg/L	1	0.0800	<0.00914	28	0	10 - 155	20
2,4-Dinitrotoluene	0.0812	0.0815	mg/L	1	0.0800	<0.000729	102	0	10 - 240	20
Pentachlorophenol	0.0730	0.0748	mg/L	1	0.0800	<0.00539	91	2	10 - 153	20
Pyrene	0.0734	0.0743	mg/L	1	0.0800	<0.00101	92	1	10 - 182	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
2-Fluorophenol	0.0320	0.0322	mg/L	1	0.08	40	40	10 - 71.4
Phenol-d5	0.0211	0.0215	mg/L	1	0.08	26	27	10 - 53.1
Nitrobenzene-d5	0.0633	0.0645	mg/L	1	0.08	79	81	12.1 - 131
2-Fluorobiphenyl	0.0609	0.0610	mg/L	1	0.08	76	76	10.7 - 145
2,4,6-Tribromophenol	0.0832	0.0830	mg/L	1	0.08	104	104	10 - 174
Terphenyl-d14	0.0718	0.0725	mg/L	1	0.08	90	91	10 - 164

Matrix Spike (MS-1) QC Batch: 18197 Spiked Sample: 62122

Param		MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Dissolved Calcium	[7][8]	183	176	mg/L	1	50.0	101	164	4	75 - 125	20
Dissolved Potassium	[9]	85.9	89.7	mg/L	1	50.0	25.7	120	4	75 - 125	20
Dissolved Magnesium	[10][11]	226	224	mg/L	1	50.0	142	168	1	75 - 125	20
Dissolved Sodium	[12]	162	183	mg/L	1	50.0	113	98	12	75 - 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: 18133

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/L	250	270	108	75 - 125	2005-05-18

Standard (CCV-1) QC Batch: 18133

[7]Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.
[8]Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.
[9]Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.
[10]Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.
[11]Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.
[12]Matrix spike recovery out of control limits due to peak 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
DRO		mg/L	250	300	120	75 - 125	2005-05-18

Standard (ICV-1) QC Batch: 18135

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.1	97	90 - 110	2005-05-17

Standard (ICV-1) QC Batch: 18135

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Nitrate-N		mg/L	2.50	2.47	99	90 - 110	2005-05-17

Standard (ICV-1) QC Batch: 18135

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/L	12.5	12.5	100	90 - 110	2005-05-17

Standard (CCV-1) QC Batch: 18135

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.4	99	90 - 110	2005-05-17

Standard (CCV-1) QC Batch: 18135

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Nitrate-N		mg/L	2.50	2.51	100	90 - 110	2005-05-17

Standard (CCV-1) QC Batch: 18135

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Sulfate		mg/L	12.5	12.5	100	90 - 110	2005-05-17

Standard (ICV-1) QC Batch: 18145

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/L as CaCo3	250	240	96	90 - 110	2005-05-17

Standard (CCV-1) QC Batch: 18145

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Alkalinity		mg/L as CaCo3	250	240	96	90 - 110	2005-05-17

Standard (ICV-1) QC Batch: 18146

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Nitrite-N		mg/L	0.0800	0.0787	98	85 - 115	2005-05-17

Standard (CCV-1) QC Batch: 18146

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Nitrite-N		mg/L	0.0800	0.0809	101	85 - 115	2005-05-17

Standard (ICV-1) QC Batch: 18150

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	0.972	97	85 - 115	2005-05-17

Standard (CCV-1) QC Batch: 18150

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	0.945	94	85 - 115	2005-05-17

Standard (ICV-1) QC Batch: 18152

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	7.00	100	98 - 102	2005-05-17

Standard (CCV-1) QC Batch: 18152

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7.00	6.98	100	98 - 102	2005-05-17

Standard (ICV-1) QC Batch: 18154

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		µMHOS/cm	1410	1420	101	90 - 110	2005-05-17

Standard (CCV-1) QC Batch: 18154

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		µMHOS/cm	1410	1350	96	90 - 110	2005-05-17

Standard (ICV-1) QC Batch: 18169

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Dissolved Solids		mg/L	1000	1035	104	90 - 110	2005-05-18

Standard (CCV-1) QC Batch: 18169

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Dissolved Solids		mg/L	1000	1011	101	90 - 110	2005-05-18

Standard (ICV-1) QC Batch: 18175

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.00106	106	80 - 120	2005-05-18

Standard (CCV-1) QC Batch: 18175

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.00101	101	80 - 120	2005-05-18

Standard (ICV-1) QC Batch: 18187

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.126	101	90 - 110	2005-05-19
Total Arsenic		mg/L	1.00	1.01	101	90 - 110	2005-05-19
Total Barium		mg/L	1.00	1.01	101	90 - 110	2005-05-19
Total Cadmium		mg/L	1.00	1.02	102	90 - 110	2005-05-19
Total Chromium		mg/L	1.00	1.01	101	90 - 110	2005-05-19
Total Lead		mg/L	1.00	1.02	102	90 - 110	2005-05-19
Total Selenium		mg/L	1.00	1.01	101	90 - 110	2005-05-19

Standard (CCV-1) QC Batch: 18187

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.128	102	90 - 110	2005-05-19
Total Arsenic		mg/L	1.00	1.01	101	90 - 110	2005-05-19
Total Barium		mg/L	1.00	1.03	103	90 - 110	2005-05-19
Total Cadmium		mg/L	1.00	1.02	102	90 - 110	2005-05-19
Total Chromium		mg/L	1.00	1.02	102	90 - 110	2005-05-19
Total Lead		mg/L	1.00	1.03	103	90 - 110	2005-05-19
Total Selenium		mg/L	1.00	1.01	101	90 - 110	2005-05-19

Standard (CCV-1) QC Batch: 18193

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Phenol		mg/L	60.0	60.1	100	80 - 120	2005-05-18
1,4-Dichlorobenzene (para)		mg/L	60.0	56.9	95	80 - 120	2005-05-18
2-Nitrophenol		mg/L	60.0	63.6	106	80 - 120	2005-05-18
2,4-Dichlorophenol		mg/L	60.0	59.5	99	80 - 120	2005-05-18
Hexachlorobutadiene		mg/L	60.0	68.7	114	80 - 120	2005-05-18
4-Chloro-3-methylphenol		mg/L	60.0	56.8	95	80 - 120	2005-05-18
2,4,6-Trichlorophenol		mg/L	60.0	61.0	102	80 - 120	2005-05-18
Acenaphthene		mg/L	60.0	65.2	109	80 - 120	2005-05-18
Diphenylamine		mg/L	60.0	58.2	97	80 - 120	2005-05-18
Pentachlorophenol		mg/L	60.0	62.9	105	80 - 120	2005-05-18
Fluoranthene		mg/L	60.0	68.0	113	80 - 120	2005-05-18
Di-n-octylphthalate		mg/L	60.0	65.0	108	80 - 120	2005-05-18
Benzo(a)pyrene		mg/L	60.0	59.1	98	80 - 120	2005-05-18

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limit
2-Fluorophenol		61.8	mg/L	1	60.0	103	80 - 120
Phenol-d5		60.8	mg/L	1	60.0	101	80 - 120
Nitrobenzene-d5		61.9	mg/L	1	60.0	103	80 - 120
2-Fluorobiphenyl		61.9	mg/L	1	60.0	103	80 - 120
2,4,6-Tribromophenol		54.2	mg/L	1	60.0	90	80 - 120
Terphenyl-d14		59.5	mg/L	1	60.0	99	80 - 120

Standard (CCV-1) QC Batch: 18194

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Vinyl Chloride		µg/L	50.0	52.6	105	80 - 120	2005-05-17
1,1-Dichloroethene		µg/L	50.0	53.8	108	80 - 120	2005-05-17
Chloroform		µg/L	50.0	47.7	95	80 - 120	2005-05-17
1,2-Dichloropropane		µg/L	50.0	54.4	109	80 - 120	2005-05-17
Toluene		µg/L	50.0	53.5	107	80 - 120	2005-05-17
Chlorobenzene		µg/L	50.0	53.8	108	80 - 120	2005-05-17
Ethylbenzene		µg/L	50.0	55.3	111	80 - 120	2005-05-17

Standard (ICV-1) QC Batch: 18197

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Dissolved Calcium		mg/L	50.0	50.8	102	90 - 110	2005-05-19
Dissolved Potassium		mg/L	50.0	52.2	104	90 - 110	2005-05-19
Dissolved Magnesium		mg/L	50.0	49.9	100	90 - 110	2005-05-19
Dissolved Sodium		mg/L	50.0	51.9	104	90 - 110	2005-05-19

Standard (CCV-1) QC Batch: 18197

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Dissolved Calcium		mg/L	50.0	54.1	108	90 - 110	2005-05-19
Dissolved Potassium		mg/L	50.0	55.0	110	90 - 110	2005-05-19
Dissolved Magnesium		mg/L	50.0	53.8	108	90 - 110	2005-05-19
Dissolved Sodium		mg/L	50.0	53.9	108	90 - 110	2005-05-19

Report Date: May 23, 2005
Background (NM-711-1-0020)

Work Order: 5051704
Gandy Marley Landfarm

Page Number: 34 of 34
Sec4,Sec5,Sec8,Sec9 T.11.SR.31E

Page 1 of 1

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1 (800) 378-1296
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TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
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1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5051704

Company Name: Gandy Marley Inc. Phone #: 505-347-0434

Address: (Street, City, Zip) PO Box 1658 Roswell NM 88202 Fax #: 505-347-0435

Contact Person: Mike Marley or Larry Gandy e-mail: gandy2@leaco.net

Invoice to: (If different from above)

Project #: Quarterly Sampling (NM-711-1-0020) Project Name: Gandy Marley QTR Landfarm

Project Location: Chaves Co, NM Sampler Signature:

SW/4 Sec. 4, SE/4 Sec. 5, NE/4 Sec 8 NW/4 Sec. 9 T.11.S. R31E.

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	$HgCl_2$	SAMPLING: DATE	TIME
62897	OCD Cell #15	2	4oz		X								X		05/16/05	10:10
98	OCD Cell #16															10:25
99	OCD Cell #17															11:00
900	OCD Cell #18															11:10
901	OCD Cell #19															11:25
902	OCD Cell #20	↓	↓		↓								↓		↓	17:15
903	MW-2	10		X				1/6	1/6	1/6			1/6	1/6	05/16/05	12:10
04	MW-1	10		X				1/6	1/6	1/6			1/6	1/6	05/16/05	12:45
05	TRIP Blank	2		X									X		05/16/05	11:45

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD TSS pH	Moisture Content	NO_3, NO_2, TDS	Na, B, Mg, K, Conductivity, Alkalinity	Cl, SO4, CO3, HCO3, pH	Turn Around Time if different from standard	Hold
X	X	X				X					SAME						X	X	X	X	
↓	↓	↓				↓											↓	↓	↓	↓	
					X				X	X	X	X					X	X	X	X	
					X				X	X	X	X					X	X	X	X	
											X										

Relinquished by: Date: 05/16/05 Time: 13:00 Received by: Date: 5/16/5 Time: 13:00 MST

Relinquished by: Date: 5/16/5 Time: 4:25 ET Received by: Date: Time:

Relinquished by: Date: Time: Received at Laboratory by: Date: 5-16-05 Time: 4:25

LAB USE ONLY

Intact Y / N

Headspace Y / N

Temp 4 °

Log-in Review MB

REMARKS: Send Copy of Results to: cmbenviro@hfn.com

☐ Dry Weight Basis Required

☐ TRRP Report Required

☐ Check If Special Reporting Limits Are Needed

Carrier # Courier

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

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