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September 2, 2004
Project SJ18-01S-G

Mr. Paul Smith
Livermore-Pleasanton Fire Department
Hazardous Materials Division
3560 Nevada Street
Pleasanton, California 94566

Alameda County
SEP 08 2004
Environmental Health

**RE: Soil Sampling Report
Shell Service Station
1801 Santa Rita Road
Pleasanton, California**

Dear Mr. Smith:

As requested, on behalf of Shell Oil Products US (Shell), Delta Environmental Consultants, Inc. (Delta) submits a copy of the above mentioned report for work performed in November 2002.

If you have any questions regarding this report, please contact Debbie Arnold (Delta) at (408) 224-4724.

Sincerely,
DELTA ENVIRONMENTAL CONSULTANTS, INC.

A handwritten signature in black ink, appearing to read "D. Arnold", is written over a light blue circular stamp.

Debbie Arnold
Project Manager
RG 7745

cc: Ms. Roseanna Garcia-La Grille, Alameda County Health Care Services Agency, Alameda, CA



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Alameda County
 SEP 08 2004
 Environmental Health

Letter of Transmittal

To: Alameda County Health Care Services Agency Date: 9/2/2004
 Haz-Mat LOP
 1131 Harbor Bay Parkway Job No: SJ18-01S-G
 Alameda, CA 94502-6577
 Attn: Roseanna Garcia La Grille

We are sending the following items:

Date	Copies	Description
2-Sep-04	1	Soil Sampling Report
		Shell Service Station
		1801 Santa Rita Road
		Pleasanton, California

These are transmitted:

- For your Information
 For action specified below
 For review and comment
 For your use
 As requested

Remarks

Copies to: _____ By: Debbie Arnold

 _____ Title: Project Manager

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COPY

December 20, 2002
Project C85-1801 Santa Rita-PP

Mr. Paul Smith
Livermore-Pleasanton Fire Department
Hazardous Materials Division
3560 Nevada Street
Pleasanton, California 94566

**RE: Soil Sampling Report
Shell Service Station
1801 Santa Rita Road
Pleasanton, California**

Dear Mr. Smith:

KHM Environmental Management, Inc. (KHM), on behalf of Shell Oil Products US (Shell) has prepared this report documenting soil sampling performed in association with SB 989 upgrade of product piping and fuel dispensers at the above-referenced site (Figure 1).

BACKGROUND AND SITE DESCRIPTION

LOCATION

The subject site is located on the northwest corner of Santa Rita Road and Valley Avenue Drive in Pleasanton, California (Figure 2). The property is currently the site of an active Shell service station.

SITE DESCRIPTION

The Shell service station has three 12,000-gallon gasoline underground storage tanks (USTs) and four separate fuel dispensers (Figure 2). A building housing service bays and a convenience store is located in the northwestern portion of the property. The site is located in an area characterized as mixed commercial and residential.

In October 2002, four groundwater monitoring wells were installed on the site by KHM as part of the Groundwater Assessment Program (GRASP) initiated by Shell (Figure 2). Borings for the wells encountered primarily clay and clayey sand from the ground surface to a depth of approximately 25 feet.

Clay and silty clay were encountered from approximately 25 to 55 feet; and a well graded sand and gravels were encountered from approximately 55 feet to 97.5 feet, the maximum depth explored. Groundwater was encountered in borings at a depth of approximately 85 feet below grade (bg).

SOIL SAMPLING AND ANALYSES

Armer-Norman & Associates, Inc. (AN) performed SB 989 fuel system upgrades at the service station in November 2002. The soil beneath former dispensers and product piping was exposed when KHM arrived on the site on November 15, 2002. Soil sampling was performed under the direction of Mr. Paul Smith of the Livermore-Pleasanton Fire Department. The UST complex was also uncovered for upgrade activities, but did not require any soil sampling by Delta.

FUEL DISPENSERS SAMPLING AND ANALYSES

KHM collected a soil sample from beneath each of the four former dispensers (D-1 through D-4) (Figure 2). Gravel fill material and the upper two feet of soil was excavated from beneath each dispenser location. A soil sample was collected by driving a brass tube into the underlying soil at a total depth of approximately 2½ to 3½ feet bg. The brass tube was then removed, sealed with Teflon sheeting and a tight fitting plastic cap, and clearly labeled. Samples were placed on ice for transportation to the laboratory.

The soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-G); benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds); fuel oxygenates: methyl-tert butyl ether [MTBE], diisopropyl ether [DIPE], ethyl-tert-butyl ether [ETBE], tert-amyl methyl ether [TAME], and tert-butanol [TBA] by EPA Method 8260B and for lead by EPA Method 6010B - Total Digestion. Chain of custody documentation and certified laboratory analytical reports are included as Attachment A. Analytical results are summarized on Table 1. TPH-G, BTEX compounds, and fuel oxygenates were not detected in any soil sample collected from beneath the dispensers. Lead was detected in the soil samples collected from beneath the fuel dispensers, ranging from 10.9 milligrams per kilogram (mg/kg) to 21.6 mg/kg. These levels are below the Risk Based Screening Levels (RBSLs) set by the California Regional Water Quality Control Board.

PIPING TRENCH SAMPLING AND ANALYSES

The product piping connecting USTs to fuel dispensers was removed by AN exposing the underlying soil. KHM collected seven soil samples (P-1 through P-7) from the base of the piping trench at the locations shown on Figure 2. The samples were collected by pushing a brass tube into the soil at the base of the trench. The brass tube was then removed, sealed with Teflon sheeting and a tight fitting plastic cap, and clearly labeled. Samples were placed on ice for transportation to the laboratory.

The soil samples were analyzed for TPH-G, BTEX compounds, and fuel oxygenates by EPA Method 8260B and lead by EPA Method 6010B - Total Digestion. Chain of custody documentation and certified laboratory analytical reports are included as Attachment A. Analytical results are summarized on Table 1. TPH-G, BTEX compounds, and fuel oxygenates were not detected in any soil sample collected from the product piping trenches. Lead was detected in all seven piping trench samples, ranging from 6.73 mg/kg to 19.5 mg/kg.

SOIL DISPOSAL

Approximately 150 cubic yards of stockpiled soil was transported to the Forward landfill in Manteca, California for disposal. Stockpiled soil was generated from dispenser and piping trench excavations, combined with cover material excavated from the UST complex.

CONCLUSIONS

Petroleum hydrocarbons were not detected in the area of site dispensers and product piping. Based upon the soil analytical results, a release of petroleum hydrocarbons has not occurred beneath fuel dispensers and product piping.

RECOMMENDATIONS

KHM recommends no further action in the area of site dispensers and product piping.

If you have any questions about the content of this report, please call.

Sincerely,
KHM Environmental Management, Inc.

COPY

Janet W. Yantis
Project Geologist

COPY

R. Lee Dooley
California Certified Hydrogeologist
CHG 183

Attachments: Table 1 – Summary of Soil Analytical Data
Figure 1 - Site Location Map
Figure 2 – Soil Sample Location Map
Attachment A - Certified Analytical Report and Chain-of-Custody Documentation

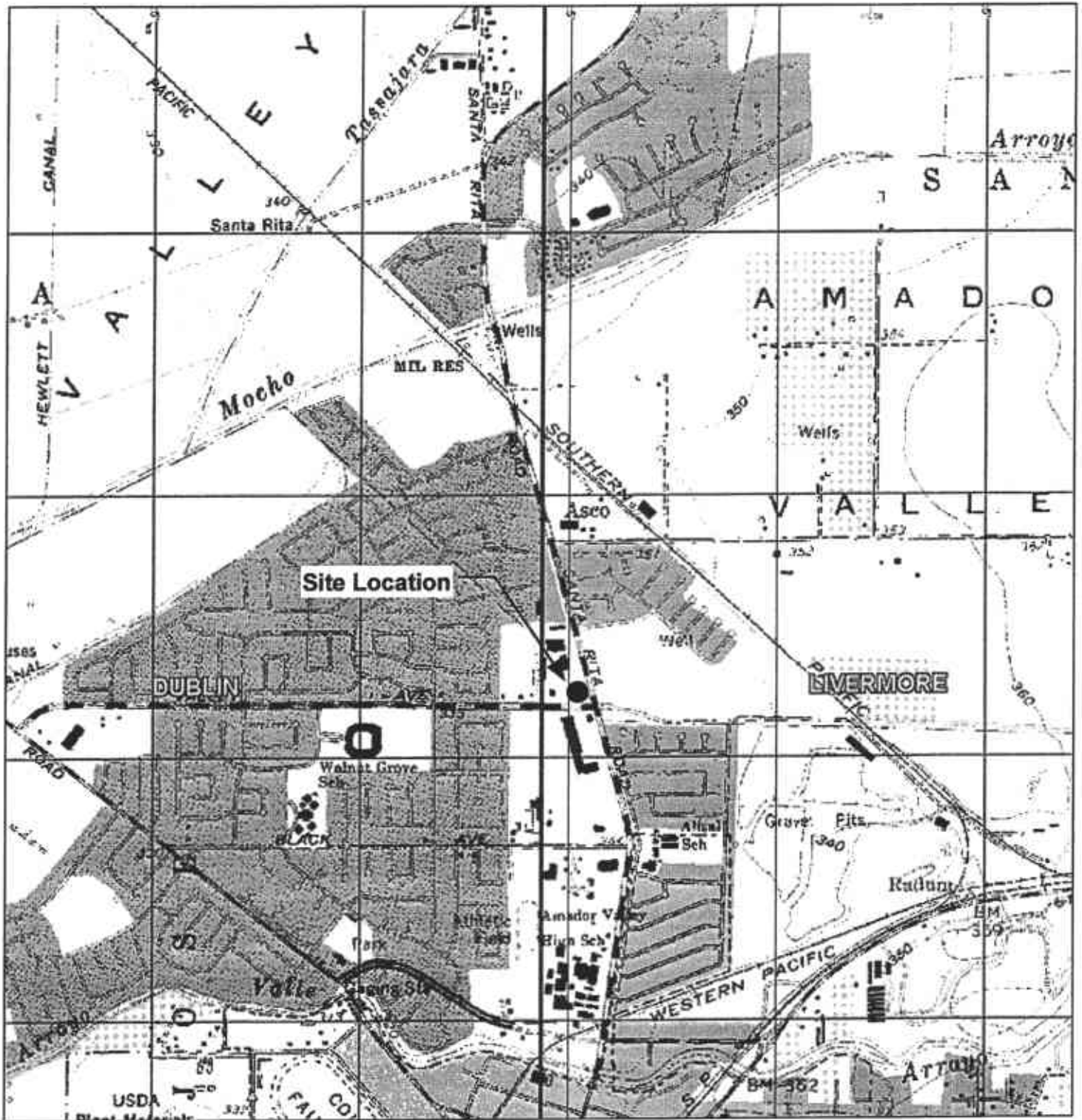
cc: Ms. Karen Petryna PE, Shell Oil Products US, Carson, CA
Mr. Perry Pineda, Shell Oil Products US, Pleasant Hill, CA

ATTACHMENT A

**CERTIFIED ANALYTICAL REPORT AND
CHAIN-OF-CUSTODY DOCUMENTATION**

Table 1
Summary of Soil Analytical Data
 Shell Service Station
 1801 Santa Rita Road
 Pleasanton, California

Sample Designation	Date Sampled	Depth (feet)	TPH-G (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Lead* (mg/kg)
Dispenser Samples													
D-1 @ 3'	11/15/2002	3	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	10.9
D-2 @ 3.5'	11/15/2002	3.5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	11.6
D-3 @ 3.5'	11/15/2002	3.5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	11.3
D-4 @ 2.5'	11/15/2002	2.5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	21.6
Piping Trench Samples													
P-1 @ 3.5'	11/15/2002	3.5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	19.5
P-2 @ 3.0'	11/15/2002	3	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	8.33
P-3 @ 5.0'	11/15/2002	5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	6.73
P-4 @ 3.0'	11/15/2002	3	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	12.5
P-5 @ 4.0'	11/15/2002	4	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	10.7
P-6 @ 3.0'	11/15/2002	3	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	10.5
P-7 @ 3'	11/15/2002	3	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	12.4
Soil Stockpile Samples													
Composite A	11/19/2002	-	4.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Composite B	11/19/2002	-	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Composite C	11/19/2002	-	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Composite D	11/19/2002	-	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Composite ABCD	11/19/2002	-	NA	<0.005	<0.005	<0.005	0.0088	<0.5	<0.5	<0.5	<0.5	<0.5	10.2
RBSLs		-	NE	0.045	2.5	2.6	1.0	0.028	NE	NE	NE	NE	1000
Notes:													
RBSL = Risk based screening level components for soil set by the California Regional Water Quality Control Board													
All analysis performed by EPA Method 8260B													
mg/kg = milligrams per kilogram													
TPH-G = Total petroleum hydrocarbons as gasoline													
MTBE = Methyl tert-butyl ether													
DIPE = Diisopropyl ether													
ETBE = Ethyl tert-butyl ether													
TAME = Tert-amyl methyl ether													
TBA = Tert-Butanol													
NA = Not analyzed													
NE = Not established													
<n = Below the laboratory detection limit													
* = See Certified Analytical Report for entire suite of metals results													



GENERAL NOTES:
 Base Map from: DeLorme Yarmouth, ME 04096
 Source Data: USGS



QUADRANGLE LOCATION

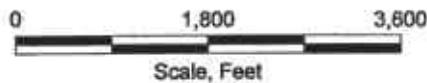


FIGURE 1
 SITE LOCATION MAP

SHELL-BRANDED SERVICE STATION
 1801 Santa Rita Road
 Pleasanton, California

PROJECT NO. SJ18-01S-G.2004	DRAWN BY VF 10/23/03
FILE NO. SJ18-01S-G.2004	PREPARED BY VF
REVISION NO.	REVIEWED BY

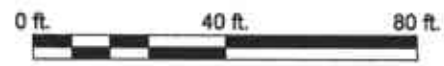




Nearest LUFT
2,050 feet
Heller Seasonings
Inc.

Nearest Water Supply
Well 1,600 feet
City of Pleasanton
Well 06

Valley Avenue
Chevron Station 30 feet
SW Corner of Valley
and Santa Rita



LEGEND




- MW-1  **GROUNDWATER MONITORING WELL**
-  **PIPING TRENCH**
-  **DISPENSER AND PIPING SOIL SAMPLE LOCATION**

FIGURE 2
SOIL SAMPLE LOCATION MAP

SHELL-BRANDED SERVICE STATION
1801 Santa Rita Road
Pleasanton, California

PROJECT NO. SJ18-018-G-2004	DRAWN BY VF 10/23/03
FILE NO. SJ18-018-G-2004	PREPARED BY VF
REVISION NO.	REVIEWED BY



ATTACHMENT A

**CERTIFIED ANALYTICAL REPORT AND
CHAIN-OF-CUSTODY DOCUMENTATION**



Report Number : 29879

Date : 11/23/02

Janet Yantis
KHM Environmental Management
6284 San Ignacio Avenue, Suite E
San Jose, CA

Subject : 11 Soil Samples
Project Name : 1801 Santa Rita Road, Pleasanton, CA
Project Number : C85-1801 Santa Rita-
P.O. Number : SAP# 135783

Dear Ms. Yantis,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,


Joel Kiff



Report Number : 29879

Date : 11/23/02

Project Name : 1801 Santa Rita Road, Pleasanton, CA

Project Number : C85-1801 Santa Rita-

Sample : D-1 @3.0'

Matrix : Soil

Lab Number : 29879-01

Sample Date :11/15/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/20/02
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	11/20/02
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	11/20/02

Approved By:  Joel Kiff



Report Number : 29879

Date : 11/23/02

Project Name : 1801 Santa Rita Road, Pleasanton, CA

Project Number : C85-1801 Santa Rita-

Sample : D-2 @3.5'

Matrix : Soil

Lab Number : 29879-02

Sample Date :11/15/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/20/02
Toluene - d8 (Surr)	108		% Recovery	EPA 8260B	11/20/02
4-Bromofluorobenzene (Surr)	85.1		% Recovery	EPA 8260B	11/20/02

Approved By:  Joel Kiff



Report Number : 29879

Date : 11/23/02

Project Name : 1801 Santa Rita Road, Pleasanton, CA

Project Number : C85-1801 Santa Rita-

Sample : D-3 @3.5'

Matrix : Soil

Lab Number : 29879-03

Sample Date :11/15/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/20/02
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	11/20/02
4-Bromofluorobenzene (Surr)	99.5		% Recovery	EPA 8260B	11/20/02

Approved By:  Joel Kiff



Report Number : 29879

Date : 11/23/02

Project Name : 1801 Santa Rita Road, Pleasanton, CA

Project Number : C85-1801 Santa Rita-

Sample : D-4 @2.5'

Matrix : Soil

Lab Number : 29879-04

Sample Date :11/15/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/20/02
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	11/20/02
4-Bromofluorobenzene (Surr)	98.4		% Recovery	EPA 8260B	11/20/02

Approved By:  Joel Kiff



Report Number : 29879

Date : 11/23/02

Project Name : 1801 Santa Rita Road, Pleasanton, CA

Project Number : C85-1801 Santa Rita-

Sample : P-1 @3.5'

Matrix : Soil

Lab Number : 29879-05

Sample Date :11/15/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/20/02
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	11/20/02
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	11/20/02

Approved By:  Joel Kiff



Report Number : 29879

Date : 11/23/02

Project Name : 1801 Santa Rita Road, Pleasanton, CA

Project Number : C85-1801 Santa Rita-

Sample : P-2 @3.0'

Matrix : Soil

Lab Number : 29879-06

Sample Date :11/15/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/20/02
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	11/20/02
4-Bromofluorobenzene (Surr)	98.0		% Recovery	EPA 8260B	11/20/02

Approved By:  Joel Kiff



Report Number : 29879

Date : 11/23/02

Project Name : 1801 Santa Rita Road, Pleasanton, CA

Project Number : C85-1801 Santa Rita-

Sample : P-3 @5.0'

Matrix : Soil

Lab Number : 29879-07

Sample Date :11/15/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/20/02
Toluene - d8 (Surr)	105		% Recovery	EPA 8260B	11/20/02
4-Bromofluorobenzene (Surr)	95.8		% Recovery	EPA 8260B	11/20/02

Approved By:  Joel Kiff



Report Number : 29879

Date : 11/23/02

Project Name : 1801 Santa Rita Road, Pleasanton, CA

Project Number : C85-1801 Santa Rita-

Sample : P-4 @3.0'

Matrix : Soil

Lab Number : 29879-08

Sample Date :11/15/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/20/02
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	11/20/02
4-Bromofluorobenzene (Surr)	98.4		% Recovery	EPA 8260B	11/20/02

Approved By:  Joel Kiff



Report Number : 29879

Date : 11/23/02

Project Name : 1801 Santa Rita Road, Pleasanton, CA

Project Number : C85-1801 Santa Rita-

Sample : P-5 @4.0'

Matrix : Soil

Lab Number : 29879-09

Sample Date :11/15/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/20/02
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	11/20/02
4-Bromofluorobenzene (Surr)	99.8		% Recovery	EPA 8260B	11/20/02

Approved By:  Joel Kiff



Report Number : 29879

Date : 11/23/02

Project Name : 1801 Santa Rita Road, Pleasanton, CA

Project Number : C85-1801 Santa Rita-

Sample : P-6 @3.0'

Matrix : Soil

Lab Number : 29879-10

Sample Date :11/15/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/02
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/02
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/02
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/02
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/02
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/02
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/02
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	11/21/02
4-Bromofluorobenzene (Surr)	98.8		% Recovery	EPA 8260B	11/21/02

Approved By:  Joel Kiff



Report Number : 29879

Date : 11/23/02

Project Name : 1801 Santa Rita Road, Pleasanton, CA

Project Number : C85-1801 Santa Rita-

Sample : P-7 @3'

Matrix : Soil

Lab Number : 29879-11

Sample Date :11/15/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/20/02
Toluene - d8 (Surr)	111		% Recovery	EPA 8260B	11/20/02
4-Bromofluorobenzene (Surr)	88.8		% Recovery	EPA 8260B	11/20/02

Approved By:  Joel Kiff

Report Number : 29879

Date : 11/23/02

QC Report : Method Blank Data

Project Name : 1801 Santa Rita Road, Pleasanton, CA

Project Number : C85-1801 Santa Rita-

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/02
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/21/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/02
Dilsopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/02
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/02
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/02
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/21/02
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/02
Toluene - d8 (Sum)	109		%	EPA 8260B	11/21/02
4-Bromofluorobenzene (Sum)	88.2		%	EPA 8260B	11/21/02

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
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KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By: Joel Kiff



Report Number : 29879

Date : 11/23/02

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : 1801 Santa Rita Road,

Project Number : C85-1801 Santa Rita-

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Recov. Limit	Relative Percent Diff. Limit
Benzene	29879-11	<0.0050	0.0382	0.0380	0.0318	0.0317	mg/Kg	EPA 8260B	11/21/02	83.3	83.5	0.240	70-130	25
Toluene	29879-11	<0.0050	0.0382	0.0380	0.0299	0.0284	mg/Kg	EPA 8260B	11/21/02	78.3	74.6	4.81	70-130	25
Tert-Butanol	29879-11	<0.0050	0.191	0.190	0.158	0.142	mg/Kg	EPA 8260B	11/21/02	82.5	74.8	9.82	70-130	25
Methyl-t-Butyl Ether	29879-11	<0.0050	0.0382	0.0380	0.0311	0.0320	mg/Kg	EPA 8260B	11/21/02	81.4	84.1	3.32	70-130	25

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:  Joel Kiff

Report Number : 29879

Date : 11/23/02

QC Report : Laboratory Control Sample (LCS)

Project Name : **1801 Santa Rita Road,**

Project Number : **C85-1801 Santa Rita-**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	0.0382	mg/Kg	EPA 8260B	11/21/02	97.2	70-130
Toluene	0.0382	mg/Kg	EPA 8260B	11/21/02	95.6	70-130
Tert-Butanol	0.191	mg/Kg	EPA 8260B	11/21/02	86.2	70-130
Methyl-t-Butyl Ether	0.0382	mg/Kg	EPA 8260B	11/21/02	87.2	70-130

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:


Joel Kiff

Calscience
Environmental
Laboratories, Inc.

November 25, 2002

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: Calscience Work Order No.: 02-11-1253
Client Reference: 1801 Santa Rita Road, Pleasanton

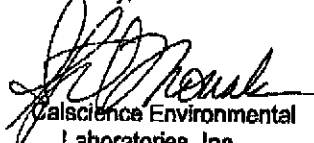
Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 11/21/2002 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

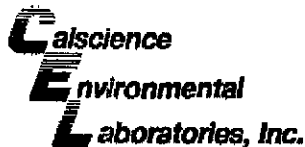
If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,


Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager


Michael J. Crisostomo
Quality Assurance Manager





ANALYTICAL REPORT

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 11/21/02
Work Order No: 02-11-1253
Preparation: Total Digestion
Method: EPA 8010B

Project: 1801 Santa Rita Road, Pleasanton

Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
D-1@3.0	02-11-1253-1	11/15/02	Solid	11/21/02	11/22/02	021121L05

Parameter	Result	RL	DF	Qual	Units
Lead	10.9	0.5	1		mg/kg

D-2@3.5	02-11-1253-2	11/15/02	Solid	11/21/02	11/22/02	021121L05
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Parameter	Result	RL	DF	Qual	Units
Lead	11.6	0.5	1		mg/kg

D-3@3.5	02-11-1253-3	11/15/02	Solid	11/21/02	11/22/02	021121L05
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Parameter	Result	RL	DF	Qual	Units
Lead	11.3	0.5	1		mg/kg

D-4@2.5	02-11-1253-4	11/15/02	Solid	11/21/02	11/22/02	021121L05
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Parameter	Result	RL	DF	Qual	Units
Lead	21.6	0.5	1		mg/kg

P-1@3.5	02-11-1253-5	11/15/02	Solid	11/21/02	11/22/02	021121L05
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Parameter	Result	RL	DF	Qual	Units
Lead	19.5	0.5	1		mg/kg

P-2@3.0	02-11-1253-6	11/15/02	Solid	11/21/02	11/22/02	021121L05
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Parameter	Result	RL	DF	Qual	Units
Lead	8.33	0.50	1		mg/kg

P-3@5.0	02-11-1253-7	11/15/02	Solid	11/21/02	11/22/02	021121L05
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Parameter	Result	RL	DF	Qual	Units
Lead	8.73	0.50	1		mg/kg

P-4@3.0	02-11-1253-8	11/15/02	Solid	11/21/02	11/22/02	021121L05
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Parameter	Result	RL	DF	Qual	Units
Lead	12.5	0.5	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

7440 Lincoln Way, Garden Grove, CA 92641-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501



ANALYTICAL REPORT

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95618-6593

Date Received: 11/21/02
Work Order No: 02-11-1253
Preparation: Total Digestion
Method: EPA 8010B

Project: 1801 Santa Rita Road, Pleasanton

Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
P-804.0	02-11-1253-9	11/19/02	Solid	11/21/02	11/22/02	021121L05

Parameter	Result	RL	DF	Qual	Units
Lead	10.7	0.5	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
P-803.0	02-11-1253-10	11/15/02	Solid	11/21/02	11/22/02	021121L05

Parameter	Result	RL	DF	Qual	Units
Lead	10.5	0.5	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
P-703	02-11-1253-11	11/15/02	Solid	11/21/02	11/22/02	021121L05

Parameter	Result	RL	DF	Qual	Units
Lead	12.4	0.5	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	097-01-002-8,013		N/A	11/21/02	11/21/02	021121L05

Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.500	1		mg/kg

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

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Quality Control - Spike/Spike Duplicate

Kiff Analytical
 2795 2nd Street, Suite 300
 Davis, CA 95618-6593

Date Received: 11/21/02
 Work Order No: 02-11-1253
 Preparation: Total Digestion
 Method: EPA 6010B

Project: 1801 Santa Rita Road, Pleasanton

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
02-11-1274-1	Solid	ICP 5800	11/21/02	11/22/02	021121309

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	100	99	75-125	1	0-20	



Quality Control - Laboratory Control Sample

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 11/21/02
Work Order No: 02-11-1253
Preparation: Total Digestion
Method: EPA 8010B

Project: 1801 Santa Rita Road, Pleasanton

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-3,313	Solid	ICP 3000	11/21/02	0211211-05	021121L05

Parameter	Conc Added	Conc Recovered	%Rec	%Rec CL	Qualifiers
Lead	50.0	48.2	96	80-120	

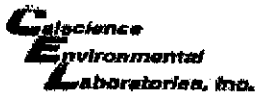


GLOSSARY OF TERMS AND QUALIFIERS

Work Order Number: 02-11-1253

<u>Qualifier</u>	<u>Definition</u>
ND	Not detected at indicated reporting limit.

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WORK ORDER #: 02-11-1253

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: KIBO

DATE: 11/21/02

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:	LABORATORY (Other than Calscience Courier):
<input type="checkbox"/> Chilled, cooler with temperature blank provided.	<input checked="" type="checkbox"/> °C Temperature blank.
<input type="checkbox"/> Chilled, cooler without temperature blank.	<input type="checkbox"/> °C IR thermometer.
<input type="checkbox"/> Chilled and placed in cooler with wet ice.	<input type="checkbox"/> Ambient temperature.
<input type="checkbox"/> Ambient and placed in cooler with wet ice.	
<input type="checkbox"/> Ambient temperature.	
<input type="checkbox"/> °C Temperature blank.	

Initial:

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: No (Not Intact): _____ Not Applicable (N/A): _____

Initial:

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples.....	<input checked="" type="checkbox"/>	_____	_____
Sample container label(s) consistent with custody papers.....	<input checked="" type="checkbox"/>	_____	_____
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	_____	_____
Correct containers for analyses requested.....	<input checked="" type="checkbox"/>	_____	_____
Proper preservation noted on sample label(s).....	_____	_____	<input checked="" type="checkbox"/>
VOA vial(s) free of headspace.....	_____	_____	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	_____	_____	<input checked="" type="checkbox"/>

Initial:

COMMENTS:



2795 Second Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4808

Cal Science Environmental
 7440 Lincoln Way
 Garden Grove, CA 92841
 714-895-5494

Lab No. 1253 Page 1 of 1

Project Contact (Hardcopy or PDF to): Joel Kiff		EDF Report? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Chain-of-Custody Record and Analysis Request											
Company/Address: Kiff Analytical, LLC		Recommended but not necessary to complete this section: Sampling Company Log Code: KHMS		Analysis Request								Date Due:	For Lab Use Only		
Phone No.:	FAX No.:	Global ID: pending										November 29, 2002			
Project Number: C85-1801 Santa Rita-JM	P.O. No.: 29879	EDF Deliverable to (Email Address): inbox@kiffanalytical.com													
Project Name: 1801 Santa Rita Road, Pleasanton		E-mail address: inbox@kiffanalytical.com													
Project Address:		Sampling	Container	Preservative	Matrix										
Sample Designation	Date	Time	Glass Jar	Poly	Amber	Sleeve	HCl	HNO3	ICE	NONE	WATER	SOIL	LEAD		
D-1 @3.0'	11/15/02	1032	1						X						X
D-2 @3.5'	11/15/02	1010	1						X						X
D-3 @3.5'	11/15/02	953	1						X						X
D-4 @2.5'	11/15/02	941	1						X						X
P-1 @3.5'	11/15/02	920	1						X						X
P-2 @3.0'	11/15/02	932	1						X						X
P-3 @5.0'	11/15/02	942	1						X						X
P-4 @3.0'	11/15/02	957	1						X						X
P-5 @4.0'	11/15/02	1015	1						X						X
P-6 @3.0'	11/15/02	1025	1						X						X
P-7 @3'	11/15/02	1035	1						X						X
Relinquished by:	Date	Time	Received by:		Remarks:										
<i>Joel Kiff</i>	11/20/02	1700													
Relinquished by:	Date	Time	Received by:		SAP#										
					135783										
Relinquished by:	Date	Time	Received by Laboratory:		Bill to:										
	11/20/02	0700	<i>[Signature]</i>												

TOTAL P. 08

NOV-26-2002 09:35 CALSCIENCE 714 894 7501 P.08/08

EQUIVA Services LLC Chain Of Custody Record

720 Olive Drive, Suite D

Davis, CA 95616

(530) 297-4800 (530) 297-4803 fax

Equiva Project Manager to be invoiced:

SCIENCE & ENGINEERING

TECHNICAL SERVICES

CRMT HOUSTON

Jim Martin

29879

INCIDENT NUMBER (S&E ONLY)

SAP or CRMT NUMBER (TS/CRMT)

135783

DATE: 11/19/02

PAGE: 1 of 2

SAMPLING COMPANY: KHM Environmental Mangement		LOG CODE: KHMS	SITE ADDRESS (Street and City): 1801 Santa Rita Road, Pleasanton, CA		GLOBAL ID NO.:
ADDRESS: 6284 San Ignacio Ave., San Jose, CA 95119		EOD DELIVERABLE TO (Responsible Party or Designer): Vera Fischer		PHONE NO.: (408) 224-4724	E-MAIL: vbrower@khm1.com
PROJECT CONTACT (Hardcopy or PDF Report to): Janet Yantis		SAMPLER NAME(S) (Print): Garrett Haertel		CONSULTANT PROJECT NO.: C85-1801 Santa Rita	
TELEPHONE: (408) 224-4724	FAX: (408) 224-4518	E-MAIL: jyantis@khm1.com		LAB USE ONLY	

TURNAROUND TIME (BUSINESS DAYS):
 10 DAYS 5 DAYS 72 HOURS 48 HOURS 24 HOURS LESS THAN 24 HOURS

LA - RWQCB REPORT FORMAT UST AGENCY:

GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: _____ CHECK BOX IF EDD IS NEEDED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 6ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	Methanol	EDB & 1,2-DCA (8260B)	EPA 5035 Extraction for Volatiles	VOCs Halogenated/Aromatic (8021B)	TRPH (418.1)	Vapor VOCs BTEX / MTBE (TO-15)	Vapor VOCs Full List (TO-15)	Vapor TPH (ASTM 2416m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal (48)	TPH - Diesel, Extractable (6015m)	MTBE (8260B) Confirmation, See Note	TEMPERATURE ON RECEIPT °C	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes		
		DATE	TIME																								
	D-1 @ 3.0'	11/15/02	1032	S	1	X	X			X																	
	D-2 @ 3.5'		1010																								-01
	D-3 @ 3.5'		953																								-02
	D-4 @ 2.5'		941																								-03
	P-1 @ 3.5'		920																								-04
	P-2 @ 3.0'		932																								-05
	P-3 @ 5.0'		942																								-06
	P-4 @ 3.0'		957																								-07
	P-5 @ 4.0'		1015																								-08
	P-6 @ 3.0'		1125																								-09
																											-10

Received by: (Signature) <i>[Signature]</i>	Date:	Time:
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:
Relinquished by: (Signature) <i>John Cutler/Kiff Analytical</i>	Date: 11/19/02	Time: 1124

DISTRIBUTION: Write with final report, Green to File, Yellow and Pink to Client.

EQUIVA Services LLC Chain Of Custody Record

720 Olive Drive, Suite D

Davis, CA 95616

(530) 297-4800 (530) 297-4803 fax

Equiva Project Manager to be Invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSTON

Jim Martin

29879

INCIDENT NUMBER (S&E ONLY)

SAP or CRMT NUMBER (S/CRMT)

DATE: 11/19/02

PAGE: 2 of 2

SAMPLING COMPANY: KHM Environmental Mangement		LOG CODE: KHMS	SITE ADDRESS (Street and City): 1801 Santa Rita Road, Pleasanton, CA		GLOBAL ID NO.:
ADDRESS: 6284 San Ignacio Ave., San Jose, CA 95119		EDF DELIVERABLE TO (Responsible Party or Designer): Vera Fischer		PHONE NO.: (408) 224-4724	E-MAIL: vbrower@khm1.com
PROJECT CONTACT (Hardcopy or PDF Report to): Janet Yantis		SAMPLER NAME(S) First: Garrett Haertel		CONSULTANT PROJECT NO.: C85-1801 Santa Rita	
TELEPHONE: (408) 224-4724	FAX: (408) 224-4518	E-MAIL: jyantis@khm1.com		LAB USE ONLY	

TURNAROUND TIME (BUSINESS DAYS):
 10 DAYS 5 DAYS 72 HOURS 48 HOURS 24 HOURS LESS THAN 24 HOURS

LA - RWQCB REPORT FORMAT UST AGENCY:

GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: _____ CHECK BOX IF EDD IS NEEDED

REQUESTED ANALYSIS

TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8280B - 0.5ppb RL)	Oxygenates (6) by (8280B)	Ethanol (8280B)	Methanol	EDB & 1,2-DCA (8280B)	EPA 50.35 Extraction for Volatiles	VOCs Halogenated/Aromatic (8021B)	TRPH (418.1)	Vapor VOCs BTEX / MTBE (10-15)	Vapor VOCs Full List (10-15)	Vapor TPH (ASTM 3418m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal (4B-)	Lead	TPH - Diesel, Extractable (8015m)	MTBE (8280B) Confirmation, See Note
X	X			X												X		

FIELD NOTES:

Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT °C

LAB USE ONLY	Field Sample Identification		SAMPLING		MATRIX	NO. OF CONT.
	DATE	TIME				
	P-7 @ 3'	11/15/02	1035	S	1	

Received by: (Signature) <i>[Signature]</i>	Date:	Time:
Retinquished by: (Signature)	Date:	Time:
Received by: (Signature) <i>John Cutler</i>	Date: 11/19/02	Time: 1124

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client.



Report Number : 29898

Date : 11/21/02

Janet Yantis
KHM Environmental Management
6284 San Ignacio Avenue, Suite E
San Jose, CA

Subject : 5 Soil Samples
Project Name : 1801 Santa Rita Road, Pleasanton, CA
Project Number : C85-1801 Santa Rita
P.O. Number : SAP# 135783

Dear Ms. Yantis,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,


Joel Kiff



Report Number : 29898

Date : 11/21/02

Project Name : 1801 Santa Rita Road, Pleasanton, CA

Project Number : C85-1801 Santa Rita

Sample : Composite A

Matrix : Soil

Lab Number : 29898-01

Sample Date :11/19/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	4.7	1.0	mg/Kg	EPA 8260B	11/21/02
4-Bromofluorobenzene (Surr)	93.1		% Recovery	EPA 8260B	11/21/02

Sample : Composite B

Matrix : Soil

Lab Number : 29898-02

Sample Date :11/19/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/02
4-Bromofluorobenzene (Surr)	97.4		% Recovery	EPA 8260B	11/21/02

Sample : Composite C

Matrix : Soil

Lab Number : 29898-03

Sample Date :11/19/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/20/02
4-Bromofluorobenzene (Surr)	87.2		% Recovery	EPA 8260B	11/20/02

Approved By:  Joel Kiff



Report Number : 29898

Date : 11/21/02

Project Name : 1801 Santa Rita Road, Pleasanton, CA

Project Number : C85-1801 Santa Rita

Sample : Composite D

Matrix : Soil

Lab Number : 29898-04

Sample Date :11/19/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/21/02
4-Bromofluorobenzene (Surr)	96.4		% Recovery	EPA 8260B	11/21/02

Sample : Composite A,B,C,D

Matrix : Soil

Lab Number : 29898-05

Sample Date :11/19/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Total Xylenes	0.0088	0.005	mg/Kg	EPA 8260B	11/20/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Toluene - d8 (Surr)	115		% Recovery	EPA 8260B	11/20/02
4-Bromofluorobenzene (Surr)	92.6		% Recovery	EPA 8260B	11/20/02

Approved By:  Joel Kiff

Report Number : 29898

Date : 11/21/02

QC Report : Method Blank Data

Project Name : 1801 Santa Rita Road, Pleasanton, CA

Project Number : C85-1801 Santa Rita

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/20/02
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/20/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Diisopropyl ether (DIPE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Ethyl-t-butyl ether (ETBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-amyl methyl ether (TAME)	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
Tert-Butanol	< 0.5	0.5	mg/Kg	EPA 8260B	11/20/02
4-Bromofluorobenzene (Surr)	87.8		%	EPA 8260B	11/20/02
Toluene - d8 (Surr)	103		%	EPA 8260B	11/20/02

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
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KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:  Joel Kiff

Report Number : 29898

Date : 11/21/02

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : 1801 Santa Rita Road,

Project Number : C85-1801 Santa Rita

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	29898-01	<0.0050	0.100	0.100	0.0925	0.0946	mg/Kg	EPA 8260B	11/20/02	92.5	94.6	2.24	70-130	25
Toluene	29898-01	<0.0050	0.100	0.100	0.0962	0.0968	mg/Kg	EPA 8260B	11/20/02	96.2	96.8	0.648	70-130	25
Tert-Butanol	29898-01	0.044	0.500	0.500	0.539	0.510	mg/Kg	EPA 8260B	11/20/02	98.9	93.2	5.92	70-130	25
Methyl-t-Butyl Ether	29898-01	0.030	0.100	0.100	0.123	0.118	mg/Kg	EPA 8260B	11/20/02	93.5	88.7	5.30	70-130	25

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:  Joel Kiff

Report Number : 29898

QC Report : Laboratory Control Sample (LCS)

Date : 11/21/02

Project Name : 1801 Santa Rita Road,

Project Number : C85-1801 Santa Rita

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	0.0390	mg/Kg	EPA 8260B	11/20/02	95.1	70-130
Toluene	0.0390	mg/Kg	EPA 8260B	11/20/02	99.4	70-130
Tert-Butanol	0.195	mg/Kg	EPA 8260B	11/20/02	90.7	70-130
Methyl-t-Butyl Ether	0.0390	mg/Kg	EPA 8260B	11/20/02	88.7	70-130

KIFF ANALYTICAL, LLC

Approved By:  Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Calscience
Environmental
Laboratories, Inc.

November 21, 2002

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.: 02-11-1250**
Client Reference: **1801 Santa Rita Road, Pleasanton, CA**


Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 11/21/2002 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,


Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager


Michael J. Crisostomo
Quality Assurance Manager





ANALYTICAL REPORT

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95618-6593

Date Received: 11/21/02
Work Order No: 02-11-1250
Preparation: Total Digestion
Method: EPA 6010B / EPA 7471A

Project: 1801 Santa Rita Road, Pleasanton, CA

Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Composite A,B,C,D	02-11-1250-1	11/19/02	Solid	11/21/02	11/21/02	021121L02

Comment(s): Mercury was analyzed on 11/21/2002 3:29:36 PM with batch 021121L01

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Antimony	ND	0.750	1		mg/kg	Mercury	ND	0.0835	1		mg/kg
Arsenic	5.46	0.75	1		mg/kg	Molybdenum	ND	0.250	1		mg/kg
Barium	144	0.500	1		mg/kg	Nickel	76.1	0.2	1		mg/kg
Beryllium	0.282	0.250	1		mg/kg	Selenium	ND	0.750	1		mg/kg
Cadmium	ND	0.600	1		mg/kg	Silver	ND	0.250	1		mg/kg
Chromium (Total)	47.5	0.2	1		mg/kg	Thallium	ND	0.750	1		mg/kg
Cobalt	11.7	0.2	1		mg/kg	Vanadium	24.6	0.2	1		mg/kg
Copper	32.1	0.5	1		mg/kg	Zinc	69.8	1.0	1		mg/kg
Lead	10.2	0.5	1		mg/kg						

Method Blank	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
	02-11-1250-1	11/19/02	Solid	11/21/02	11/21/02	021121L01

Parameter	Result	RL	DF	Qual	Units
Mercury	ND	0.0835	1		mg/kg

Method Blank	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
	02-11-1250-1	11/19/02	Solid	11/21/02	11/21/02	021121L02

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Antimony	ND	0.750	1		mg/kg	Molybdenum	ND	0.250	1		mg/kg
Arsenic	ND	0.750	1		mg/kg	Nickel	ND	0.250	1		mg/kg
Barium	ND	0.500	1		mg/kg	Selenium	ND	0.750	1		mg/kg
Beryllium	ND	0.250	1		mg/kg	Silver	ND	0.250	1		mg/kg
Cadmium	ND	0.500	1		mg/kg	Thallium	ND	0.750	1		mg/kg
Chromium (Total)	ND	0.250	1		mg/kg	Vanadium	ND	0.250	1		mg/kg
Cobalt	ND	0.250	1		mg/kg	Zinc	ND	1.00	1		mg/kg
Copper	ND	0.500	1		mg/kg	Lead	ND	0.500	1		mg/kg

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501



Quality Control - Laboratory Control Sample

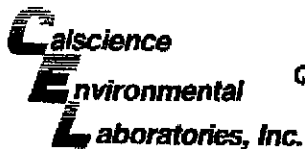
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 11/21/02
Work Order No: 02-11-1250
Preparation: Total Digestion
Method: EPA 6010B

Project: 1801 Santa Rita Road, Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-3,812	Solid	ICP 3300	11/21/02	021121-02	021121L02

Parameter	Conc Added	Conc Recovered	%Rec	%Rec CL	Qualifiers
Antimony	50.0	49.4	99	80-120	
Arsenic	50.0	50.0	100	80-120	
Barium	50.0	53.6	107	80-120	
Beryllium	50.0	50.5	101	80-120	
Cadmium	50.0	51.7	103	80-120	
Chromium (Total)	50.0	50.1	100	80-120	
Cobalt	50.0	55.4	111	80-120	
Copper	50.0	50.7	101	80-120	
Lead	50.0	50.9	102	80-120	
Molybdenum	50.0	53.3	107	80-120	
Nickel	50.0	51.9	104	80-120	
Selenium	50.0	47.1	94	80-120	
Silver	25.0	23.7	95	80-120	
Thallium	50.0	51.0	102	80-120	
Vanadium	50.0	48.1	96	80-120	
Zinc	50.0	53.5	107	80-120	



Quality Control - Laboratory Control Sample

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 11/21/02
Work Order No: 02-11-1260
Preparation: Total Digestion
Method: EPA 7471A

Project: 1801 Santa Rita Road, Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-04-007-1,734	Solid	Mercury	11/21/02	021121-L01	021121L01

Parameter	Conc Added	Conc Recovered	%Rec	%Rec Cl	Qualifier
Mercury	0.835	0.892	107	82-124	

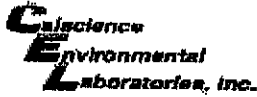


GLOSSARY OF TERMS AND QUALIFIERS

Work Order Number: 02-11-1250

<u>Qualifier</u>	<u>Definition</u>
ND	Not detected at indicated reporting limit.

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501



WORK ORDER #: 02-11-1250

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Kiff

DATE: Kiff 11/21/02

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:	LABORATORY (Other than Calscience Courier):
<input type="checkbox"/> Chilled, cooler with temperature blank provided.	<input checked="" type="checkbox"/> 3 °C Temperature blank.
<input type="checkbox"/> Chilled, cooler without temperature blank.	<input type="checkbox"/> °C IR thermometer.
<input type="checkbox"/> Chilled and placed in cooler with wet ice.	<input type="checkbox"/> Ambient temperature.
<input type="checkbox"/> Ambient and placed in cooler with wet ice.	
<input type="checkbox"/> Ambient temperature.	
<input type="checkbox"/> °C Temperature blank.	

Initial: Kiff

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: No (Not Intact): _____ Not Applicable (N/A): _____

Initial: Kiff

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with custody papers.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on sample label(s).....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VOA vial(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Initial: Kiff

COMMENTS:



2795 Second Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4808

Cal Science Environmental
 7440 Lincoln Way
 Garden Grove, CA 92841
 714-895-5494

Lab No. **1250** Page 1 of 1

Project Contact (Hardcopy or PDF to): Joel Kiff		EDF Report? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Chain-of-Custody Record and Analysis Request											
Company/Address: Kiff Analytical, LLC		Recommended but not mandatory to complete this section: Sampling Company Log Code:		Analysis Request						Date Due:					
Phone No.:	FAX No.:	Global ID:		CAM 17 METALS = TTLC METALS STLC ON ALL TTLC METALS 10 TIMES STLC MAXIMUM TTLC LEAD=13 MINGG REQUIRES ORGANIC LEAD ANALYSIS IF ANY TTLC TOTAL METAL IS+ OR = TO 20 TIMES TOLP REGULATORY LEVELS, TOLP IS REQUIRED						November 21, 2002	For Lab Use Only				
Project Number: C85-1801 Santa Rita	P.O. No.: 29898	EDF Deliverable to (Email Address):													
Project Name: 1801 Santa Rita Road, Pleasanton, CA		E-mail address: inbox@kiffanalytical.com													
Project Address:		Sampling		Container		Preservative		Matrix							
Sample Designation		Date	Time	Glass Jar	Poly	Amber	Sleeve	HCl	HNO3	ICE	NONE	WATER	SOIL		
Composite A,B,C,D		11/19/02	11:10	1					X	X			X		X
Relinquished by:		Date	Time	Received by:		Remarks:									
<i>Joel Kiff - Kiff Analytical</i>				<i>[Signature]</i>		SAP# 135783									
Relinquished by:		Date	Time	Received by:											
Relinquished by:		Date	Time	Received by Laboratory:		Bill to:									
		11/19/02	0700	<i>[Signature]</i>											

TOTAL P.07

EQUIVA Services LLC Chain Of Custody Record

720 Olive Drive, Suite D

Davis, CA 95616

(530) 297-4800 (530) 297-4803 fax

Equiva Project Manager to be involved:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSTON

Jim Martin

29898

INCIDENT NUMBER (S&E ONLY)

SAP or CRMT NUMBER (T'S/CRMT)

1 3 5 7 8 3

DATE: 11/19/02
PAGE: 1 of 1

SAMPLING COMPANY: KHM Environmental Mangement		LOG CODE: KHMS	SITE ADDRESS (Street and City): 1801 Santa Rita Road, Pleasanton, CA		GLOBAL ID NO.:
ADDRESS: 6284 San Ignacio Ave., San Jose, CA 95119			EDF DELIVERABLE TO (Responsible Party or Designer): Vera Fischer	PHONE NO.: (408) 224-4724	E-MAIL: ybrower@khm1.com
PROJECT CONTACT (Hardcopy or PDF Report to): Janet Yantle			SAMPLER NAME(S) First: Vera Fischer		CONSULTANT PROJECT NO.: C85-1801 Santa Rita
TELEPHONE: (408) 224-4724	FAX: (408) 224-4518	E-MAIL: jyantle@khm1.com	LAB USE ONLY		
TURNAROUND TIME (BUSINESS DAYS): <input type="checkbox"/> 10 DAYS <input type="checkbox"/> 5 DAYS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 48 HOURS <input checked="" type="checkbox"/> 24 HOURS <input type="checkbox"/> LESS THAN 24 HOURS					

<input type="checkbox"/> LA - RWQCB REPORT FORMAT <input type="checkbox"/> UST AGENCY: _____ GCMS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____ SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED <input checked="" type="checkbox"/> *See attached "Residual Management Procedure" for additional analyses, if necessary		REQUESTED ANALYSIS												FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes							
		TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (B) by (8260B)	Ethanol (8260B)	Methanol	EDB & 1,2-DCA (8260B)	EPA 5035 Extraction for Volatiles	VOCs Halogenated/Aromatic (8021B)	TRPH (418-1)	Vapor VOCs BTEX / MTBE (TO-15)			Vapor VOCs Full List (TO-15)	Vapor TPH (ASTM 3415m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal (4B-)	CAM 17 METALS	TPH - Diesel, Extractable (8015m)

LAB USE ONLY	Field Sample Identification		SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (B) by (8260B)	Ethanol (8260B)	Methanol	EDB & 1,2-DCA (8260B)	EPA 5035 Extraction for Volatiles	VOCs Halogenated/Aromatic (8021B)	TRPH (418-1)	Vapor VOCs BTEX / MTBE (TO-15)	Vapor VOCs Full List (TO-15)	Vapor TPH (ASTM 3415m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal (4B-)	CAM 17 METALS	TPH - Diesel, Extractable (8015m)	MTBE (8060B) Confirmation, See Note	TEMPERATURE ON RECEIPT °C	
	DATE	TIME																									
	Composite A, B, C, D		11/19/02	1110	soil	4	X	X			X												X			-01,02,03,04,05	

Received by: (Signature) 	Date: <u>11/19/02</u>	Time:
Received by: (Signature) 	Date: <u>11/20/02</u>	Time: <u>1112</u>

C&C Graphic (714) 888-9702

This information is business proprietary and confidential and must not be divulged or shared outside the company. The use of this information is strictly for the purpose of doing business with the Centralized Residual Management Team (CRMT). Upon termination of the relationship with the CRMT, this information is not to be forwarded, duplicated, shared or used for any purpose other than for the documentation of past actions.

RESIDUAL MANAGEMENT PROCEDURE

ISSUED DATE: 08/01/01
CANCELS ISSUE:
ISSUED BY: LRR

RESIDUAL STREAM: SOIL WITH UNLEADED GASOLINE

VENDOR: ALLIED-BFI

LOCATION: ALLIED WASTE - MANTECA
9999 SOUTH AUSTIN ROAD
MANTECA, CA 95336

CALIFORNIA - TRANSPORTATION AND RETAIL

BTEX - EPA 8021B/8260B (IF BENZENE IS > OR = TO 10 MG/KG THEN TCLP BENZENE IS REQUIRED)

CAM METALS = TTLC METALS

STLC ON ALL TTLC METALS 10 TIMES STLC MAXIMUM

TTLC LEAD=>13 MG/KG REQUIRES ORGANIC LEAD ANALYSIS

IF ANY TTLC TOTAL METAL IS > OR = TO 20 TIMES TCLP REGULATORY LEVELS, TCLP IS REQUIRED

TOTAL PETROLEUM HYDROCARBONS, METHOD 418.1 OR 8015

MTBE METHOD 8260B (GC/MS)

AQUATIC BIOASSAY (FISH TOX) IS ONLY TO BE RUN ON SAMPLES > OR = TO 5000 PPM TPH. AQUATIC BIOASSAY (FISH TOX) = PART 800 OF STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER (15TH EDITION)

LABORATORY INSTRUCTIONS (MINIMUM GUIDELINES ONLY)

-ALTERNATE APPROVED TEST METHODS PER SW846 ARE ALSO ACCEPTABLE

-ALL REQUIRED TESTS ON COMPOSITE

-LABORATORY IS TO SUPPLY QA/QC INFORMATION WITH ALL ANALYTICAL REPORTS

-MAIL OR FAX ALL ANALYSIS TO THE CENTRALIZED RESIDUAL MANAGEMENT TEAM

PROCEDURE ORIGINAL DATE: 08/01/01

PROCEDURE REVISED DATE: 08/01/01