

February 10, 2003

Mr. Keith Matthews
Hazardous Materials Inspector
Fire Services Agency
City of Oakland
1605 Martin Luther King Jr. Way
Oakland, California 94612

✓ 20228

Re: **Underground Storage Tank and Dispenser/Piping Soil Sampling Report**
Shell-branded Service Station
630 High Street
Oakland, California
Incident #98995751
Cambria Project #205-0318-002



Dear Mr. Matthews:

On behalf of Equilon Enterprises LLC dba Shell Oil Products US, Cambria Environmental Technology, Inc. (Cambria) is submitting this *Underground Storage Tank and Dispenser/Piping Soil Sampling Report* which presents the results of sampling conducted during station upgrade activities at the referenced site. Presented below are a summary of the site conditions, sampling activities and analytical results.

SITE CONDITIONS

Location: The site is currently a Shell-branded service station located at the intersection of High Street and Oakport Street in Oakland, California (Figures 1 and 2). The area surrounding the site is of primarily commercial use.

Upgrade Activities: Fuel system equipment at the site was recently upgraded by Fillner Construction Inc. (Fillner) of Sacramento, California. Fillner replaced and upgraded four underground storage tanks (USTs), eight fuel dispensers, and associated product, vapor and vent lines. Additionally, Fillner added dispenser pans to the new dispensers and replaced fuel fill port sumps along with all associated piping in the tank pit area above the USTs.

Cambria
Environmental
Technology, Inc.

5900 Hollis Street
Suite A
Emeryville, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

SAMPLING ACTIVITIES AND SAMPLE ANALYSIS

Personnel Present: Stewart Dalie, Staff Geologist, Cambria
Keith Matthews, Hazardous Materials Inspector, Oakland City Fire
Services (OCFS)
Bill Hayes, Foreman, Fillner

Sample Dates: October 29 and 30, 2002 and November 6 and 8, 2002.

Tanks Removed: Fillner removed three 10,000-gallon gasoline USTs and one 10,000-gallon diesel UST on October 29, 2002.


Tank Removal Observations: No holes, cracks, or failures were observed in any of the removed USTs. Groundwater was observed in the base of the gasoline UST excavation at approximately 14 to 15 feet below grade (fbg). Field indications of hydrocarbons, including staining and odor, were observed in the tank pit excavation directly beneath the UST locations (Figure 2).

Sampling Requirements: Based on Cambria's October 29, 2002 onsite conversation with Mr. Keith Matthews of the OCFS, soil sampling was required 1 to 2 feet within native soil beneath each dispenser, beneath every 20 feet of piping, beneath 45- and 90-degree piping bends, and beneath each UST.

UST and Dispenser and Pipeline Sampling: Cambria inspected the UST and dispenser/piping excavations. Field indications of hydrocarbons, including staining and odor, were observed under the dispensers and piping in the areas northwest of the kiosk (Figure 2). Under the direction of the OCFS, two soil samples were collected beneath each end of each 10,000-gallon UST (TP-1 through TP-8) at a depth of approximately 14 fbg, immediately above the water table (Figure 2). Samples were collected beneath each dispenser location at approximately 4 fbg (D-1 through D-8), and samples were collected beneath the piping at approximately 4 fbg (P-1 through P-12). Cambria's standard procedures for UST, dispenser and piping sampling are presented as Attachment A.

Over-Excavation: Over-excavation was conducted in two areas of the site during upgrade activities. The UST excavation was over-excavated from 14 fbg to approximately 17 fbg to accommodate the dimensions of the replacement USTs. At the request of the OCFS, eight verification samples (V-1 through V-8) were collected from the UST pit following over-excavation. These samples were collected below the groundwater level encountered prior to groundwater extraction.

Additionally, over-excavation was performed in the area northwest of the kiosk and adjacent to monitoring well MW-3 (Figure 2), based on field observations of staining and odor. The dimensions of the excavation were approximately 20 feet wide by 25 feet long and between 10 and 13 feet deep (Figure 2). The excavation was limited due to the close proximity of the canopy pillars and construction schedule constraints. One grab groundwater sample and four excavation base verification soil samples (X-1 through X-4) were collected at approximately 10 to 12 fbg. Approximately 350 cubic yards of material was removed from this excavation.



Groundwater Extraction: During over-excavation activities in both the UST and MW-3 areas, groundwater was encountered between 12 and 15 fbg. Groundwater was observed to contain free product within the UST excavation. One grab groundwater sample (TP-W-) was collected from the UST excavation (Table 1). Approximately 19,000 gallons of water were purged from the UST excavation overnight prior to soil verification sampling and back filling for the replacement UST's. The MW-3 area excavation was purged of approximately 200 gallons of groundwater both from the open pit and through monitoring well MW-3. One grab groundwater sample (X-H20) was collected from the MW-3 area excavation (Table 1).

Sample Analyses: State-certified laboratory Kiff Analytical of Davis, California analyzed the soil and grab groundwater samples for total petroleum hydrocarbons as gasoline (TPHg), total petroleum hydrocarbons as diesel (TPHd), benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tert-butyl ether (MTBE) by EPA Method 8260B. Soil analytical results are summarized in Table 2, and presented as Attachment B.

Waste Handling: Cambria inspected and sampled approximately 1,400 cubic yards of soil stockpile generated from the UST, dispenser, and pipeline area excavations. As described in the OCFS tank removal permits completed by Gettler Ryan Inc., of Dublin, California, Cambria obtained one four-point composite sample for every 50 cubic yards generated for waste characterization and disposal. The composite samples were analyzed for TPHg, BTEX and MTBE by EPA Method 8260B and for total threshold limit concentration lead. The stockpile was transported between November 5 through December 9, 2002 to Forward Landfill in Manteca, California for disposal. Soil analytical reports are included as Attachment B, and a copy of the soil disposal confirmation is included as Attachment C.

Groundwater purged from the excavation areas was transported by ONYX Industrial of Benicia, California to the Martinez Refinery in Martinez, California. Copies of the bills of lading are included as Attachment D.

ANALYTICAL RESULTS

Soil Analytical Results

Tank Pit Area: MTBE and benzene were not detected in soil samples collected from the tank pit area excavation. A maximum concentration of 110 parts per million (ppm) TPHg was detected in samples TP-1@14' and TP-7@14'. A maximum concentration of 1,400 ppm TPHd in soil was detected in sample TP-1@14'. Samples collected following over-excavation of the UST pit to approximately 17 feet did not contain any MTBE, BTEX or TPHg. TPHd was detected in samples V-1 @17' and V-5 @17' only at 3.4 ppm.

Dispenser and Piping: MTBE was not detected beneath any dispenser or piping soil samples. Benzene was only detected in dispenser sample D-5@4' at 0.31 ppm. The maximum TPHg and TPHd concentrations detected beneath the dispensers were 320 ppm in sample D-5@4' and 1,400 ppm in sample D-2@4', respectively. The maximum TPHg and TPHd concentrations beneath the product piping were 250 and 180 ppm at P-8 @4', respectively. The area surrounding samples D-5 and P-8 was subsequently over-excavated.

Dispenser and Piping Over-excavation: No MTBE was detected in any dispenser/piping over-excavation verification soil samples. The maximum TPHg and benzene concentrations of 2,100 ppm and 0.22 ppm, respectively, were detected in sample X-3 collected at approximately 13 fbg. The maximum TPHd concentration of 3,600 ppm was detected in sample X-2.

Grab Groundwater Sample Analytical Results

Analyte Results in Groundwater: Water sample TP-W- from the tank pit area excavation contained 500 parts per billion (ppb) TPHg, 1,200 ppb MTBE, 6.6 ppb benzene, and 7,700 ppb TPHd. Water sample X-H20 from the dispenser/ piping area excavation detected 8,300 ppb TPHg, 190 ppb MTBE, 51 ppb Benzene, and 160,000 ppb TPHd.

CONCLUSIONS

During upgrade activities, approximately 1,400 cubic yards of soil were excavated and 19,200 gallons of groundwater was extracted from beneath the site. This site is currently an open environmental case under the supervision of the Alameda County Health Care Services Agency (ACHCSA). Several active groundwater monitoring wells currently exist at the site, and the groundwater is monitored on a quarterly basis. Cambria is currently conducting a utility survey

for the site as outlined in our September 16, 2002 *Subsurface Investigation Work Plan* submitted to the ACHCSA, which will be followed by additional subsurface investigation to further define the extent of hydrocarbon and MTBE impact.

CLOSING

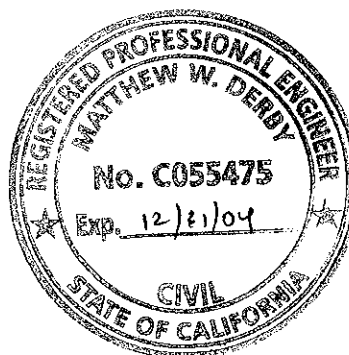
Please call Jacquelyn Jones at (510) 420-3316 if you have any questions or comments.



Sincerely,
Cambria Environmental Technology, Inc.

Jacquelyn L. Jones
Project Geologist

Matthew W. Derby, P.E.
Senior Project Engineer



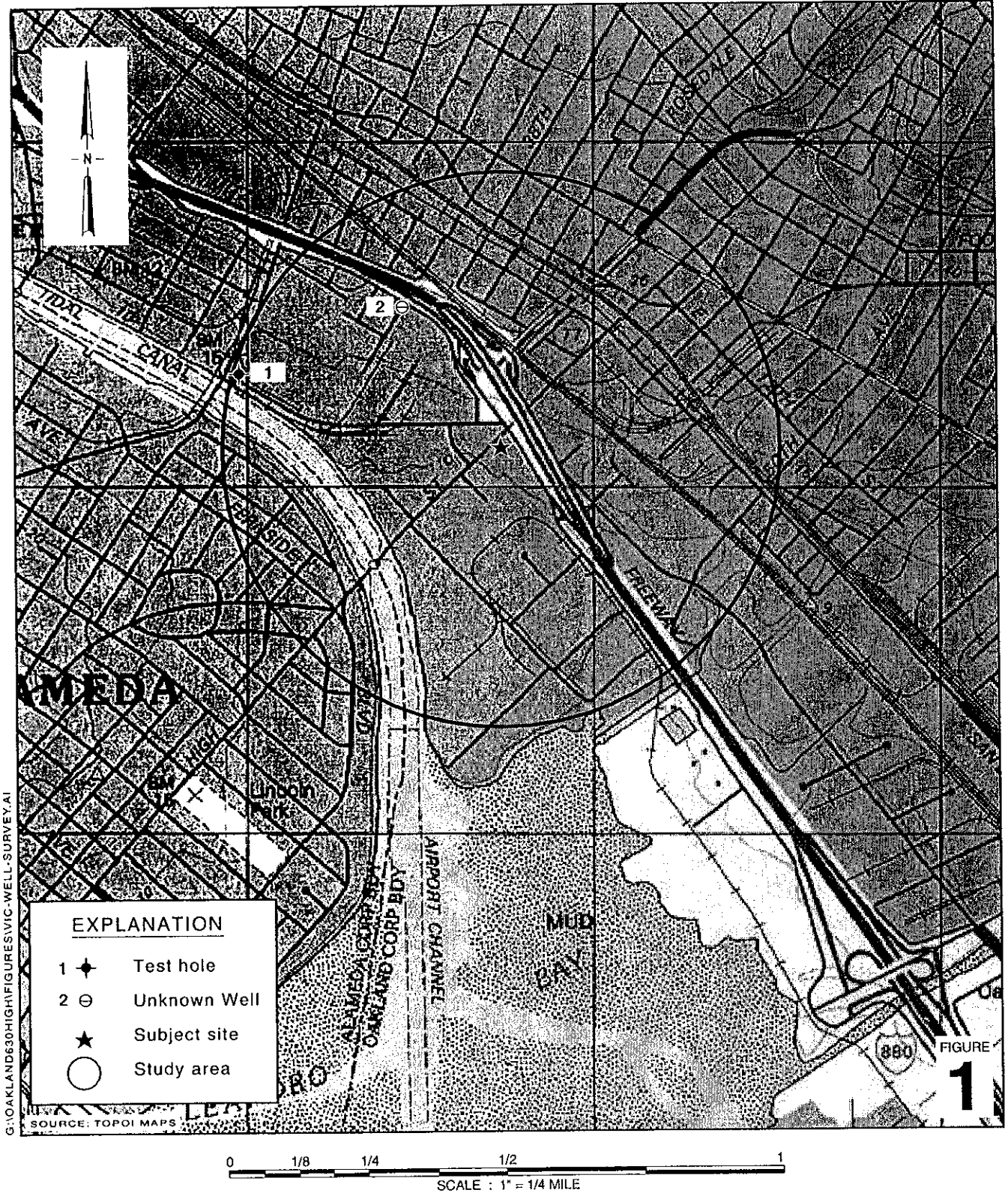
Figures: 1 - Vicinity/Area Well Survey Map
 2 - Dispenser, Piping, Tank Pit, and Over-Excavation Soil Sample Location Map

Tables: 1 - Grab Groundwater Analytical Results
 2 - Soil Analytical Results

Attachments: A - Standard UST, Piping and Dispenser Removal Sampling Procedures
 B - Laboratory Analytical Data
 C - Soil Disposal Confirmation
 D - Groundwater Disposal Bills of Lading

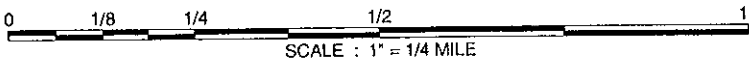
cc: Ms. Karen Petryna, Shell Oil Products US, P.O. Box 7869, Burbank, CA 91510-7869
 Mr. Perry Pineda, Shell Oil Products US, 1926 Contra Costa Blvd #166, Pleasant Hill, CA 94523
 Mr. Barney Chan, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577

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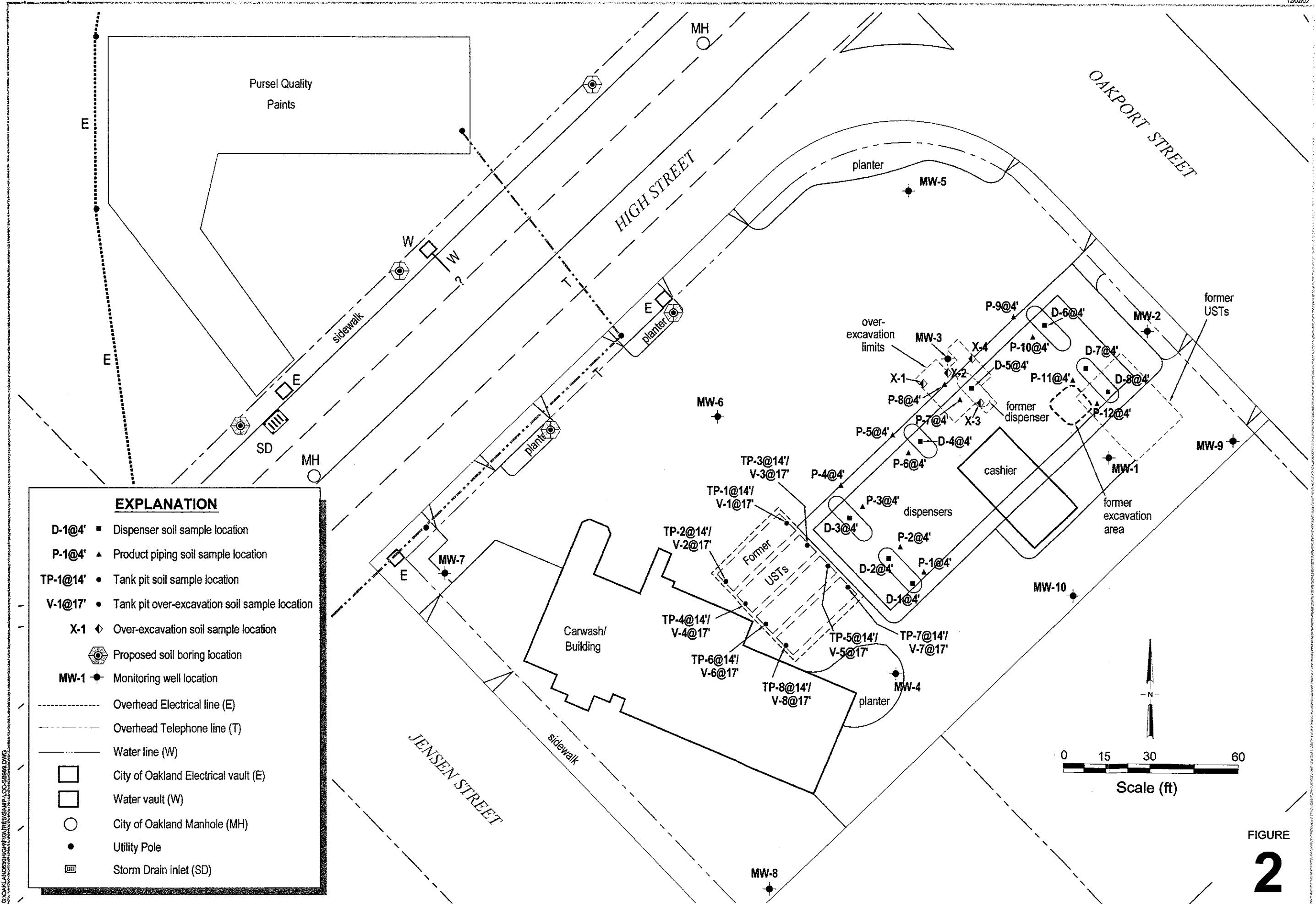
EXPLANATION	
1 ✦	Test hole
2 ⊗	Unknown Well
★	Subject site
○	Study area



Shell-branded Service Station
 630 High Street
 Oakland, California
 Incident #98995751



**Vicinity / Area Well
 Survey Map**
 (1/2-Mile Radius)



EXPLANATION

- D-1@4' ■ Dispenser soil sample location
- P-1@4' ▲ Product piping soil sample location
- TP-1@14' ● Tank pit soil sample location
- V-1@17' ● Tank pit over-excavation soil sample location
- X-1 ◆ Over-excavation soil sample location
- ⊗ Proposed soil boring location
- MW-1 ● Monitoring well location
- Overhead Electrical line (E)
- - - Overhead Telephone line (T)
- Water line (W)
- City of Oakland Electrical vault (E)
- Water vault (W)
- City of Oakland Manhole (MH)
- Utility Pole
- ▣ Storm Drain inlet (SD)

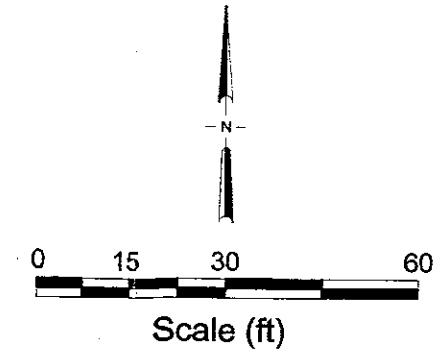


FIGURE
2

Dispenser, Piping, Tank Pit, and Over-Excavation Soil Sample Location Map



C A M B R I A

Shell-branded Service Station
630 High Street
Oakland, California
Incident #98995751

G:\OAKLAND\FIGURES\AMP_LOC-58995.DWG

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Table 1. Grab Groundwater Analytical Results - Shell-branded Service Station - 630 High Street, Oakland, California.
Incident # 98995751.

Sample ID	Date	TPHg	MTBE	Benzene	Toluene (ppb)	Ethylbenzene	Total Xylenes	TPHd
TP-W-	10/29/02	500	1,200	6.6	33	<2.0	17	7,700
X-H20	11/08/02	8,300	190	51	350	220	1,300	160,000

Notes and Abbreviations

TPHg = Total petroleum hydrocarbons as gasoline, analyzed by EPA Method 8260B

MTBE = Methyl tert-butyl ether, analyzed by EPA Method 8260B

Benzene, ethylbenzene, toluene, xylenes, analyzed by EPA Method 8260B

TPHd = Total petroleum hydrocarbons as diesel, analyzed by EPA Method 8015

ppb = Parts per billion

<X = Below laboratory detection limit of X

Table 2. Soil Analytical Results - Shell-branded Service Station - 630 High Street, Oakland, California. Incident # 98995751.

Sample ID	Date	Depth (feet below grade)	TPHg	MTBE	Benzene	← (ppm) →			TPHd	Lead
						Toluene	Ethylbenzene	Total Xylenes		
TP-1@14'	10/12/2002	14.0	110	<0.5	<0.005	<0.005	<0.005	<0.005	1,400	<5.0
TP-2@14'	10/29/2002	14.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	3.2	<5.0
TP-3@14'	10/29/2002	14.0	19	<0.5	<0.005	<0.005	<0.005	0.020	200	5.1
TP-4@14'	10/29/2002	14.0	23	<0.5	<0.005	<0.005	<0.005	<0.010	140	6.5
TP-5@14'	10/29/2002	14.0	<1.0	<0.5	<0.005	0.0050	<0.005	0.0081	5.5	7.1
TP-6@14'	10/29/2002	14.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	59	<5.0
TP-7@14'	10/29/2002	14.0	110	<0.5	<0.050	<0.050	<0.050	<0.050	330	12
TP-8@14'	10/29/2002	14.0	1.7	<0.5	<0.005	<0.005	<0.005	<0.010	330	5.9
V-1@17'	10/30/2002	17.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	3.4	6.1
V-2@17'	10/30/2002	17.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	<1.0	<5.0
V-3@17'	10/30/2002	17.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	<1.0	91
V-4@17'	10/30/2002	17.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	<1.0	<5.0
V-5@17'	10/30/2002	17.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	3.4	<5.0
V-6@17'	10/30/2002	17.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	<1.0	6.1
V-7@17'	10/30/2002	17.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	35	5.9
V-8@17'	10/30/2002	17.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	<1.0	5.5
D-1@4'	11/6/2002	4.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	<1.0	31.8
D-2@4'	11/6/2002	4.0	70	<0.5	<0.025	<0.025	<0.025	<0.025	1,400	81.7
D-3@4'	11/6/2002	4.0	<1.0	<0.5	<0.005	<0.005	<0.005	0.0085	<1.0	14.5
D-4@4'	11/6/2002	4.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	<1.0	24
D-5@4'	11/6/2002	4.0	320	<0.5	0.31	0.058	9.7	1.8	75	54.8
D-6@4'	11/6/2002	4.0	150	<0.5	<0.025	<0.025	0.14	3.5	89	51.3
D-7@4'	11/6/2002	4.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	130	315
D-8@4'	11/6/2002	4.0	2.9	<0.5	<0.005	0.048	0.019	0.59	41	97.8

Table 2. Soil Analytical Results - Shell-branded Service Station - 630 High Street, Oakland, California. Incident # 98995751.

Sample ID	Date	Depth (feet below grade)	TPHg	MTBE	Benzene	Toluene	Ethylbenzene Total Xylenes			TPHd	Lead
							(ppm)				
P-1@4'	11/6/2002	4.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	106
P-2@4'	11/6/2002	4.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0	92.6
P-3@3'	11/6/2002	4.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	3.3	22.1
P-4@4'	11/6/2002	4.0	<1.0	<0.5	<0.005	0.024	<0.005	0.033	8.5	80.2	
P-5@4'	11/6/2002	4.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	<1.0	19.1	
P-6@4'	11/6/2002	4.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	<1.0	2,700	
P-7@4'	11/6/2002	4.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	<1.0	180	
P-8@4'	11/6/2002	4.0	250	<0.5	<0.050	<0.050	0.56	0.17	180	59.2	
P-9@4'	11/6/2002	4.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	<1.0	27	
P-10@4'	11/6/2002	4.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	<1.0	50.7	
P-11@4'	11/6/2002	4.0	210	<0.5	<0.050	<0.050	0.14	0.13	100	66.8	
P-12@4'	11/6/2002	4.0	<1.0	<0.5	<0.005	<0.005	<0.005	<0.005	<5.0	432	
X-1	11/8/2002	13.0	290	<0.5	<0.050	<0.050	0.55	<0.050	17	5.83	
X-2	11/8/2002	13.0	72	<0.5	0.17	0.15	<0.025	0.62	3,600	5.13	
X-3	11/8/2002	13.0	2,100	<0.5	0.22	32	33	220	280	3.35	
X-4	11/8/2002	10.0	1.4	<0.5	<0.005	<0.005	<0.005	<0.005	<1.0	28	

Notes and Abbreviations:

TPHg = Total petroleum hydrocarbons as gasoline, analyzed by EPA Method 8260B

MTBE = Methyl tert-butyl ether, analyzed by EPA Method 8260B

Benzene, ethylbenzene, toluene, xylenes, analyzed by EPA Method 8260B

TPHd= Total petroleum hydrocarbons as diesel, analyzed by EPA Method 8015

ppm = parts per million

<X = Below laboratory detection limit of X

ATTACHMENT A

Standard UST, Piping and Dispenser Removal Sampling Procedures

STANDARD TANK REMOVAL SAMPLING PROCEDURES

This document describes Cambria Environmental Technology's standard operating procedures for collecting soil and ground water samples during underground storage tank removal. These procedures ensure that the samples are collected, handled, and documented in compliance with California Administration Code Title 23: Waters; Chapter 3: Water Resources Control Board; Subchapter 16: Underground Storage Tank Regulations (Title 23). Cambria's sampling procedures are based on guidelines contained in the California State Regional Water Quality Control Board Tri-Regional Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites dated August 10, 1990.

Tank Removal Sampling

The objective of sample collection during routine underground storage tank removals is to determine whether hydrocarbons or other stored chemicals have leaked to the subsurface. If no ground water is encountered within the tank excavation, Cambria will sample native soil 1 to 2 ft beneath the removed tank. Additional soil samples may also be collected at locations of obvious spillage to determine maximum concentrations in the surrounding soils. For underground storage tanks with a capacity of less than 1,000 gallons, one soil sample is collected beneath the fill end of the tank. For tanks with a capacity of between 1,000 and 10,000 gallons, one soil sample is collected beneath each end of the tank. For tanks larger than 10,000 gallons, 3 or more soil samples are collected beneath the removed tank. We also collect one soil sample for every 20 ft of product piping.

In cases where ground water is encountered within underground storage tank excavations, Cambria will collect confirmatory soil samples from the excavation sidewalls just above the soil/ground water interface and a representative ground water sample from the excavation. The excavation is typically purged and allowed to recover prior to collecting the water sample. For tanks with capacities of 10,000 gallons or less, one soil sample is collected from the wall at each end of the tank excavation. For tanks with capacities greater than 10,000 gallons, or tank clusters, at least four soil samples are collected from the excavation walls next to the tank ends. Piping samples are collected in native soil 1 to 2 ft beneath the removed piping. One sample is typically collected for every 20 linear ft of piping unless regulatory agencies approve of different sampling requirements.

The soil samples are collected in steam cleaned brass or steel tubes from either a driven split-spoon type sampler or the bucket of a backhoe. When a backhoe is used, approximately three inches of soil are scraped from the surface and the tube is driven into the exposed soil.

Upon removal from the split-spoon sampler or the backhoe, the samples are trimmed flush, capped with Teflon sheets and plastic end caps, labeled, logged and refrigerated for delivery under chain of custody to a State certified analytic laboratory.

The ground water sample is collected using steam cleaned Teflon or PVC bailers, decanted into a volatile organic analysis (VOA) bottle or other appropriate clean sample container, refrigerated and transported under chain of custody to a State certified analytic laboratory.

CAMBRIA

STANDARD PIPING AND DISPENSER REMOVAL SAMPLING PROCEDURES

Cambria Environmental Technology, Inc. (Cambria) has developed standard operating procedures for collecting soil samples during petroleum dispenser and piping removal. These procedures ensure that the samples are collected, handled, and documented in compliance with California Administration Code Title 23: Waters; Chapter 3: Water Resources Control Board; Subchapter 16: Underground Storage Tank Regulations (Title 23). Cambria's sampling procedures are based on guidelines contained in the California State Regional Water Quality Control Board Tri-Regional Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites dated August 10, 1990.

Piping and Dispenser Removal Sampling

The objective of sample collection during routine dispenser and piping removals is to determine whether hydrocarbons or other stored chemicals have leaked to the subsurface. We collect one soil sample from the native soil beneath each dispenser unit, at each piping elbow, and at every 20 ft of product piping, as applicable.

The soil samples are collected in steam cleaned brass or steel tubes from either a driven split-spoon type sampler or the bucket of a backhoe. When a backhoe is used, approximately three inches of soil are scraped from the surface and the tube is driven into the exposed soil.

Upon removal from the split-spoon sampler or the backhoe, the samples are trimmed flush, capped with Teflon sheets and plastic end caps, labeled, logged and refrigerated for delivery under chain of custody to a State certified analytic laboratory.

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ATTACHMENT B

Laboratory Analytical Data

Tank Pit Analytical Data



Report Number : 29448

Date : 11/5/02

Stu Dalie
Cambria Environmental Technology Inc
6262 Hollis Street
Emeryville, CA 94608

Subject : 1 Water Sample and 8 Soil Samples
Project Name : 630 High Street, Oakland CA
Project Number : 204-0318
P.O. Number : 98995751

Dear Mr. Dalie,

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 : 29448

Date : 11/5/02

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

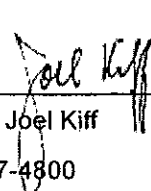
Sample : TP-1@14'

Matrix : Soil

Lab Number : 29448-01

Sample Date : 10/29/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.050	0.050	mg/Kg	EPA 8260B	10/31/02
Toluene	< 0.050	0.050	mg/Kg	EPA 8260B	10/31/02
Ethylbenzene	< 0.050	0.050	mg/Kg	EPA 8260B	10/31/02
Total Xylenes	< 0.050	0.050	mg/Kg	EPA 8260B	10/31/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/02
TPH as Gasoline	110	5.0	mg/Kg	EPA 8260B	10/31/02
Toluene - d8 (Surr)	93.8		% Recovery	EPA 8260B	10/31/02
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	10/31/02
TPH as Diesel	1400	1.0	mg/Kg	M EPA 8015	10/31/02
1-Chlorooctadecane (Diesel Surrogate)	101		% Recovery	M EPA 8015	10/31/02

Approved By:  Joel Kiff

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



Report Number : 29448

Date : 11/5/02

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : TP-2@14'

Matrix : Soil

Lab Number : 29448-02

Sample Date :10/29/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/02
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/02
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	10/31/02
4-Bromofluorobenzene (Surr)	107		% Recovery	EPA 8260B	10/31/02
TPH as Diesel	3.2	1.0	mg/Kg	M EPA 8015	10/31/02
1-Chlorooctadecane (Diesel Surrogate)	72.7		% Recovery	M EPA 8015	10/31/02

Approved By:  Joel Kiff



Report Number : 29448

Date : 11/5/02

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : TP-3@14'

Matrix : Soil

Lab Number : 29448-03

Sample Date :10/29/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Total Xylenes	0.020	0.005	mg/Kg	EPA 8260B	10/31/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/02
TPH as Gasoline	19	1.0	mg/Kg	EPA 8260B	10/31/02
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	10/31/02
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	10/31/02
TPH as Diesel	200	1.0	mg/Kg	M EPA 8015	10/31/02
1-Chlorooctadecane (Diesel Surrogate)	72.7		% Recovery	M EPA 8015	10/31/02

Approved By:  Joel Kiff

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



Report Number : 29448

Date : 11/5/02

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : TP-4@14'

Matrix : Soil

Lab Number : 29448-04

Sample Date :10/29/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Total Xylenes	< 0.010	0.010	mg/Kg	EPA 8260B	10/31/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/02
TPH as Gasoline	23	1.0	mg/Kg	EPA 8260B	10/31/02
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	10/31/02
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	10/31/02
TPH as Diesel	140	1.0	mg/Kg	M EPA 8015	10/31/02
1-Chlorooctadecane (Diesel Surrogate)	81.5		% Recovery	M EPA 8015	10/31/02

Approved By:  Joel Kiff

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



Report Number : 29448

Date : 11/5/02

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : TP-5@14'

Matrix : Soil

Lab Number : 29448-05

Sample Date :10/29/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Toluene	0.0050	0.005	mg/Kg	EPA 8260B	10/31/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Total Xylenes	0.0081	0.005	mg/Kg	EPA 8260B	10/31/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/02
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/02
Toluene - d8 (Surr)	110		% Recovery	EPA 8260B	10/31/02
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	10/31/02
TPH as Diesel	5.5	1.0	mg/Kg	M EPA 8015	10/31/02
1-Chlorooctadecane (Diesel Surrogate)	73.8		% Recovery	M EPA 8015	10/31/02

Approved By: Joel Kiff

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



Report Number : 29448

Date : 11/5/02

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : TP-6@14'

Matrix : Soil

Lab Number : 29448-06

Sample Date : 10/29/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/02
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/02
Toluene - d8 (Surr)	107		% Recovery	EPA 8260B	10/31/02
4-Bromofluorobenzene (Surr)	98.0		% Recovery	EPA 8260B	10/31/02
TPH as Diesel	59	1.0	mg/Kg	M EPA 8015	10/31/02
1-Chlorooctadecane (Diesel Surrogate)	77.0		% Recovery	M EPA 8015	10/31/02

Approved By: Joel Kiff



Report Number : 29448

Date : 11/5/02

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : TP-7@14'

Matrix : Soil

Lab Number : 29448-07

Sample Date :10/29/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.050	0.050	mg/Kg	EPA 8260B	10/31/02
Toluene	< 0.050	0.050	mg/Kg	EPA 8260B	10/31/02
Ethylbenzene	< 0.050	0.050	mg/Kg	EPA 8260B	10/31/02
Total Xylenes	< 0.050	0.050	mg/Kg	EPA 8260B	10/31/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/02
TPH as Gasoline	110	5.0	mg/Kg	EPA 8260B	10/31/02
Toluene - d8 (Surr)	93.1		% Recovery	EPA 8260B	10/31/02
4-Bromofluorobenzene (Surr)	98.7		% Recovery	EPA 8260B	10/31/02
TPH as Diesel	330	1.0	mg/Kg	M EPA 8015	10/31/02
1-Chlorooctadecane (Diesel Surrogate)	86.0		% Recovery	M EPA 8015	10/31/02

Approved By:  Joel Kiff

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



Report Number : 29448

Date : 11/5/02

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : TP-8@14'

Matrix : Soil

Lab Number : 29448-08

Sample Date : 10/29/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Total Xylenes	< 0.010	0.010	mg/Kg	EPA 8260B	10/31/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/02
TPH as Gasoline	1.7	1.0	mg/Kg	EPA 8260B	10/31/02
Toluene - d8 (Surr)	99.4		% Recovery	EPA 8260B	10/31/02
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	10/31/02
TPH as Diesel	330	1.0	mg/Kg	M EPA 8015	10/31/02
1-Chlorooctadecane (Diesel Surrogate)	81.4		% Recovery	M EPA 8015	10/31/02

Approved By:  Joel Kiff

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



Report Number : 29448

Date : 11/5/02

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : TP-W-

Matrix : Water

Lab Number : 29448-09

Sample Date : 10/29/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	6.6	2.0	ug/L	EPA 8260B	10/31/02
Toluene	33	2.0	ug/L	EPA 8260B	10/31/02
Ethylbenzene	< 2.0	2.0	ug/L	EPA 8260B	10/31/02
Total Xylenes	17	2.0	ug/L	EPA 8260B	10/31/02
Methyl-t-butyl ether (MTBE)	1200	20	ug/L	EPA 8260B	10/31/02
TPH as Gasoline	500	200	ug/L	EPA 8260B	10/31/02
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	10/31/02
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	10/31/02
TPH as Diesel	7700	50	ug/L	M EPA 8015	10/31/02

Approved By: Joel Kiff

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

Report Number : 29448

Date : 11/5/02

QC Report : Method Blank Data

Project Name : **630 High Street, Oakland CA**

Project Number : **204-0318**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	< 50	50	ug/L	M EPA 8015	10/30/02
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	10/31/02
1-Chlorooctadecane (Diesel Surrogate)	75.0		%	M EPA 8015	10/31/02
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/31/02
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/31/02
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/31/02
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/31/02
Methyl-t-butyl ether (MTBE)	< 5.0	5.0	ug/L	EPA 8260B	10/31/02
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/31/02
Toluene - d8 (Surr)	99.9		%	EPA 8260B	10/31/02
4-Bromofluorobenzene (Surr)	103		%	EPA 8260B	10/31/02
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/02
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/02
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/02
Toluene - d8 (Surr)	95.9		%	EPA 8260B	10/31/02
4-Bromofluorobenzene (Surr)	87.5		%	EPA 8260B	10/31/02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
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Approved By: Joel Kiff



KIFF ANALYTICAL, LLC

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

Report Number : 29448

Date : 11/5/02

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : 630 High Street, Oakland

Project Number : 204-0318

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
TPH as Diesel	29447-08	<1.0	20.0	20.0	18.2	18.5	mg/Kg	M EPA 8015	10/31/02	90.9	92.5	1.78	60-140	25
Benzene	29447-04	<0.0050	0.0391	0.0394	0.0422	0.0424	mg/Kg	EPA 8260B	10/31/02	108	108	0.255	70-130	25
Toluene	29447-04	<0.0050	0.0391	0.0394	0.0406	0.0409	mg/Kg	EPA 8260B	10/31/02	104	104	0.265	70-130	25
Tert-Butanol	29447-04	<0.0050	0.196	0.197	0.189	0.197	mg/Kg	EPA 8260B	10/31/02	96.5	100	3.69	70-130	25
Methyl-t-Butyl Ether	29447-04	<0.0050	0.0391	0.0394	0.0335	0.0330	mg/Kg	EPA 8260B	10/31/02	85.7	83.9	2.09	70-130	25
Benzene	29418-12	0.86	39.8	39.8	40.6	40.0	ug/L	EPA 8260B	10/31/02	99.8	98.6	1.21	70-130	25
Toluene	29418-12	14	39.8	39.8	51.8	51.6	ug/L	EPA 8260B	10/31/02	95.9	95.5	0.359	70-130	25
Tert-Butanol	29418-12	<5.0	199	199	190	186	ug/L	EPA 8260B	10/31/02	95.5	93.5	2.10	70-130	25
Methyl-t-Butyl Ether	29418-12	<0.50	39.8	39.8	37.3	37.4	ug/L	EPA 8260B	10/31/02	93.6	94.2	0.532	70-130	25
TPH as Diesel	Blank	<50	1000	1000	1180	1120	ug/L	M EPA 8015	10/30/02	118	112	5.50	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 29448

Date : 11/5/02

QC Report : Laboratory Control Sample (LCS)

Project Name : 630 High Street, Oakland

Project Number : 204-0318

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	0.0370	mg/Kg	EPA 8260B	10/30/02	104	70-130
Toluene	0.0370	mg/Kg	EPA 8260B	10/30/02	99.9	70-130
Tert-Butanol	0.185	mg/Kg	EPA 8260B	10/30/02	97.8	70-130
Methyl-t-Butyl Ether	0.0370	mg/Kg	EPA 8260B	10/30/02	79.7	70-130
Benzene	40.0	ug/L	EPA 8260B	10/31/02	101	70-130
Toluene	40.0	ug/L	EPA 8260B	10/31/02	99.2	70-130
Tert-Butanol	200	ug/L	EPA 8260B	10/31/02	94.3	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	10/31/02	96.0	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	10/31/02	93.2	70-130

KIFF ANALYTICAL, LLC

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

Approved By:  Joel Kiff



1 November, 2002

Joel Kiff
Kiff Analytical
720 Olive Drive, Suite D
Davis, CA 95616

RE: 630 High Street, Oakland, CA
Sequoia Work Order: MLK0006

Enclosed are the results of analyses for samples received by the laboratory on 10/31/02 10:33. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James Hartley
Project Manager
CA ELAP Certificate #1210



Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

MLK0006
Reported:
11/01/02 16:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TP-1 @14'	MLK0006-01	Soil	10/29/02 16:15	10/31/02 10:33
TP-2 @14'	MLK0006-02	Soil	10/29/02 15:30	10/31/02 10:33
TP-3 @14'	MLK0006-03	Soil	10/29/02 16:20	10/31/02 10:33
TP-4 @14'	MLK0006-04	Soil	10/29/02 15:45	10/31/02 10:33
TP-5 @14'	MLK0006-05	Soil	10/29/02 16:35	10/31/02 10:33
TP-6 @14'	MLK0006-06	Soil	10/29/02 16:00	10/31/02 10:33
TP-7 @14'	MLK0006-07	Soil	10/29/02 16:45	10/31/02 10:33
TP-8 @14'	MLK0006-08	Soil	10/29/02 17:00	10/31/02 10:33



**Sequoia
Analytical**

885 Jarvis Dr
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

MLK0006
Reported:
11/01/02 16:04

**Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP-1 @14' (MLK0006-01) Soil Sampled: 10/29/02 16:15 Received: 10/31/02 10:33									
Lead	ND	5.0	mg/kg	1	2K01024	10/31/02	10/31/02	EPA 6010B	
TP-2 @14' (MLK0006-02) Soil Sampled: 10/29/02 15:30 Received: 10/31/02 10:33									
Lead	ND	5.0	mg/kg	1	2K01024	10/31/02	11/01/02	EPA 6010B	
TP-3 @14' (MLK0006-03) Soil Sampled: 10/29/02 16:20 Received: 10/31/02 10:33									
Lead	5.1	5.0	mg/kg	1	2K01024	10/31/02	11/01/02	EPA 6010B	
TP-4 @14' (MLK0006-04) Soil Sampled: 10/29/02 15:45 Received: 10/31/02 10:33									
Lead	6.5	5.0	mg/kg	1	2K01024	10/31/02	10/31/02	EPA 6010B	
TP-5 @14' (MLK0006-05) Soil Sampled: 10/29/02 16:35 Received: 10/31/02 10:33									
Lead	7.1	5.0	mg/kg	1	2K01026	10/31/02	10/31/02	EPA 6010B	
TP-6 @14' (MLK0006-06) Soil Sampled: 10/29/02 16:00 Received: 10/31/02 10:33									
Lead	ND	10	mg/kg	2	2K01026	10/31/02	11/01/02	EPA 6010B	R-01
TP-7 @14' (MLK0006-07) Soil Sampled: 10/29/02 16:45 Received: 10/31/02 10:33									
Lead	12	5.0	mg/kg	1	2K01026	10/31/02	10/31/02	EPA 6010B	
TP-8 @14' (MLK0006-08) Soil Sampled: 10/29/02 17:00 Received: 10/31/02 10:33									
Lead	5.9	5.0	mg/kg	1	2K01026	10/31/02	11/01/02	EPA 6010B	

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.



**Sequoia
Analytical**

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Morgan Hill, CA 95037
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Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

MLK0006
Reported:
11/01/02 16:04

**Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2K01024 - EPA 3050B										
Blank (2K01024-BLK1) Prepared & Analyzed: 10/31/02										
Lead	ND	5.0	mg/kg							
Laboratory Control Sample (2K01024-BS1) Prepared & Analyzed: 10/31/02										
Lead	51.8	5.0	mg/kg	50.0		104	86-118			
Batch 2K01026 - EPA 3050B										
Blank (2K01026-BLK1) Prepared & Analyzed: 10/31/02										
Lead	ND	5.0	mg/kg							
Laboratory Control Sample (2K01026-BS1) Prepared & Analyzed: 10/31/02										
Lead	48.7	5.0	mg/kg	50.0		97.4	86-118			
Matrix Spike (2K01026-MS1) Source: MLK0006-05 Prepared & Analyzed: 10/31/02										
Lead	51.4	5.0	mg/kg	50.0	7.1	88.6	86-118			
Matrix Spike Dup (2K01026-MSD1) Source: MLK0006-05 Prepared & Analyzed: 10/31/02										
Lead	52.5	5.0	mg/kg	50.0	7.1	90.8	86-118	2.12	34	

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.



Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

MLK0006
Reported:
11/01/02 16:04

Notes and Definitions

- R-01 The reporting limit for this analyte has been raised to account for matrix interference.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



2795 Second Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4803

Lab No. MLJ0876 Page 1 of 1

Project Contact (Hardcopy or PDF to): Joel Kiff EDF Report? Yes No Chain-of-Custody Record and Analysis Request

Company/Address: Kiff Analytical, LLC Recommended but not mandatory to complete this section:
 Phone No.: FAX No.: Sampling Company Log Code:
 Project Number: 204-0318 P.O. No.: 29448 Global ID:
 Project Name: 630 High Street, Oakland CA EDF Deliverable to (Email Address):
 E-mail address: inbox@kiffanalytical.com

Sample Designation	Sampling		Container				Preservative				Matrix		LEAD TLIC	Date due:	For Lab Use Only
	Date	Time	Glass Jar	Poly	Amber	HCl	HNO3	ICE	NONE	WATER	SOIL				
TP-1@14'	10/29/02	415	1					X			X	X		X	9
TP-2@14'	10/29/02	330	1					X			X	X		X	10
TP-3@14'	10/29/02	420	1					X			X	X		X	11
TP-4@14'	10/29/02	345	1					X			X	X		X	12
TP-5@14'	10/29/02	435	1					X			X	X		X	13
TP-6@14'	10/29/02	400	1					X			X	X		X	14
TP-7@14'	10/29/02	445	1					X			X	X		X	15
TP-8@14'	10/29/02	500	1					X			X	X		X	16

Relinquished by: <u>Joel Kiff</u>	Date: <u>10/31/02</u>	Time: <u>10:55</u>	Received by: <u> </u>	Remarks:
Relinquished by: <u> </u>	Date: <u> </u>	Time: <u> </u>	Received by: <u> </u>	Incident# <u>98995751</u>
Relinquished by: <u> </u>	Date: <u>10/31/02</u>	Time: <u>10:52</u>	Received by Laboratory: <u> </u>	Bill to: <u>Karen Petryna</u>

SHELL Chain Of Custody Record

720 Olive Drive, Suite D
 Davis, CA 95616
 (530) 297-4800 (530) 297-4803 fax

Shell Project Manager to be involved:

SCIENCE & ENGINEERING Karen Petryna
 TECHNICAL SERVICES
 CRMT HOUSTON

29448

INCIDENT NUMBER (S&E ONLY)
 9 8 9 9 5 7 5 1
 SAP or CRMT NUMBER (TS/CRMT)
 1 3 5 6 9 3

DATE: 10/29/02
 PAGE: 1 of 1

SAMPLING COMPANY: Cambria Environmental Technologies
 LOG CODE:
 SITE ADDRESS (Street and City): 630 High Street, Oakland CA
 GLOBAL ID NO.:
 ADDRESS: 1144 65th Street, Oakland, CA
 EDI DELIVERABLE TO (Responsible Party or Designee): shelloakland@Cambria-env.com (510) 420-3339 sdalie@Cambria-env.com
 PROJECT CONTACT (Hardcopy or PDF Report to): Stewart Dalie
 CONSULTANT PROJECT NO.: 204-0318
 TELEPHONE: (510) 420-3339 FAX: (510) 420-9170 E-MAIL: sdalie@Cambria-env.com
 Sampler's Name: Stu Dalie
 LAB USE ONLY: *add on samples 5/15/04*

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 NOT NEEDED
*Q&A - received by 5 pm 10/31
 priority
 cc lab report to sdalie@Cambria-env.com and jones@Cambria-env.com*

REQUESTED ANALYSIS

TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (8) by (8260B)	Ethanol (8260B)	Methanol	EDB & 1,2-DCA (8260B)	EPA 8035 Extraction for Volatiles	VOCs Halogenated/Aromatic (8021B)	TRPH (418-1)	Vapor VOCs BTEX / MTBE (70-15)	Vapor VOCs Full List (70-15)	Vapor TPH (ASTM 3415m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal (4B-)	TPH - Diesel, Extractable (8015m)	MTBE (8260B) Confirmation, See Note	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
----------------------	------	------------------------	--------------------------	---------------------------	-----------------	----------	-----------------------	-----------------------------------	-----------------------------------	--------------	--------------------------------	------------------------------	------------------------	--------------------------------	-------------------------	-----------------------------------	-------------------------------------	--

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (8) by (8260B)	Ethanol (8260B)	Methanol	EDB & 1,2-DCA (8260B)	EPA 8035 Extraction for Volatiles	VOCs Halogenated/Aromatic (8021B)	TRPH (418-1)	Vapor VOCs BTEX / MTBE (70-15)	Vapor VOCs Full List (70-15)	Vapor TPH (ASTM 3415m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal (4B-)	TPH - Diesel, Extractable (8015m)	MTBE (8260B) Confirmation, See Note	TEMPERATURE ON RECEIPT °C		
		DATE	TIME																							
	TP-1 @ 10'	10/29/02	415	Soil	1	X	X	X																On ICE	01	
	TP-2 @ 10'		230																							02
	TP-3 @ 10'		420																							03
	TP-4 @ 10'		345																							04
	TP-5 @ 10'		435																							05
	TP-6 @ 10'		400																							06
	TP-7 @ 10'		445																							07
	TP-8 @ 10'		500																							08
	TP-W-	10/30/02		Water		X	X																			09

Relinquished by (Signature): *[Signature]* Received by (Signature): *[Signature]* Date: 10/30/02 Time: 3:30
 Relinquished by (Signature): *[Signature]* Received by (Signature): *[Signature]* Date: 10/30/02 Time:
 Relinquished by (Signature): *[Signature]* Received by (Signature): *[Signature]* Date: 10/30/02 Time: 15:30

C&G Graphic (714) 858-8702



Report Number : 29447

Date : 10/31/2002

Stu Dalie
Cambria Environmental Technology Inc
6262 Hollis Street
Emeryville, CA 94608

Subject : 8 Soil Samples
Project Name : 630 High Street, Oakland CA
Project Number : 204-0318
P.O. Number : 98995751

Dear Mr. Dalie,

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 : 29447

Date : 10/31/2002

Project Name : 630 High Street, Okland CA

Project Number : 204-0318

Sample : V-1 @ 17'

Matrix : Soil

Lab Number : 29447-01

Sample Date : 10/30/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/2002
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	10/31/2002
4-Bromofluorobenzene (Surr)	82.5		% Recovery	EPA 8260B	10/31/2002
TPH as Diesel	3.4	1.0	mg/Kg	M EPA 8015	10/31/2002
1-Chlorooctadecane (Diesel Surrogate)	71.9		% Recovery	M EPA 8015	10/31/2002

Approved By: Joel Kiff

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



Report Number : 29447

Date : 10/31/2002

Project Name : 630 High Street, Okland CA

Project Number : 204-0318

Sample : V-2 @ 17'

Matrix : Soil

Lab Number : 29447-02

Sample Date : 10/30/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/2002
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	10/31/2002
4-Bromofluorobenzene (Surr)	80.6		% Recovery	EPA 8260B	10/31/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	10/31/2002
1-Chlorooctadecane (Diesel Surrogate)	70.8		% Recovery	M EPA 8015	10/31/2002

Approved By:  Joel Kiff

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



Report Number : 29447

Date : 10/31/2002

Project Name : 630 High Street, Okland CA

Project Number : 204-0318

Sample : V-3 @ 17'

Matrix : Soil

Lab Number : 29447-03

Sample Date :10/30/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/2002
Toluene - d8 (Surr)	97.3		% Recovery	EPA 8260B	10/31/2002
4-Bromofluorobenzene (Surr)	82.6		% Recovery	EPA 8260B	10/31/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	10/31/2002
1-Chlorooctadecane (Diesel Surrogate)	77.6		% Recovery	M EPA 8015	10/31/2002

Approved By:  Joel Kiff

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



Report Number : 29447

Date : 10/31/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : V-4 @ 17'

Matrix : Soil

Lab Number : 29447-04

Sample Date : 10/30/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/2002
Toluene - d8 (Surr)	98.5		% Recovery	EPA 8260B	10/31/2002
4-Bromofluorobenzene (Surr)	80.1		% Recovery	EPA 8260B	10/31/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	10/31/2002
1-Chlorooctadecane (Diesel Surrogate)	72.4		% Recovery	M EPA 8015	10/31/2002

Approved By:  Joel Kiff

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



Report Number : 29447

Date : 10/31/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318


Sample : V-5 @ 17'

Matrix : Soil

Lab Number : 29447-05

Sample Date :10/30/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/2002
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	10/31/2002
4-Bromofluorobenzene (Surr)	81.6		% Recovery	EPA 8260B	10/31/2002
TPH as Diesel	3.4	1.0	mg/Kg	M EPA 8015	10/31/2002
1-Chlorooctadecane (Diesel Surrogate)	71.3		% Recovery	M EPA 8015	10/31/2002

Approved By:  Joel Kiff



Report Number : 29447

Date : 10/31/2002

Project Name : 630 High Street, Okland CA

Project Number : 204-0318

Sample : V-6 @ 17'

Matrix : Soil

Lab Number : 29447-06

Sample Date :10/30/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/2002
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	10/31/2002
4-Bromofluorobenzene (Surr)	82.4		% Recovery	EPA 8260B	10/31/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	10/31/2002
1-Chlorooctadecane (Diesel Surrogate)	75.0		% Recovery	M EPA 8015	10/31/2002

Approved By: Joel Kiff

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



Report Number : 29447

Date : 10/31/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : V-7 @ 17'

Matrix : Soil

Lab Number : 29447-07

Sample Date : 10/30/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/2002
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	10/31/2002
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	10/31/2002
TPH as Diesel	35	1.0	mg/Kg	M EPA 8015	10/31/2002
1-Chlorooctadecane (Diesel Surrogate)	74.2		% Recovery	M EPA 8015	10/31/2002

Approved By:  Joel Kiff

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



Report Number : 29447

Date : 10/31/2002

Project Name : 630 High Street, Okland CA

Project Number : 204-0318


Sample : V-8 @ 17'

Matrix : Soil

Lab Number : 29447-08

Sample Date :10/30/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/2002
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	10/31/2002
4-Bromofluorobenzene (Surr)	78.3		% Recovery	EPA 8260B	10/31/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	10/31/2002
1-Chlorooctadecane (Diesel Surrogate)	77.9		% Recovery	M EPA 8015	10/31/2002

Approved By:  Joel Kiff

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

Report Number : 29447

Date : 10/31/2002

QC Report : Method Blank Data

Project Name : **630 High Street, Okland CA**

Project Number : **204-0318**

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	10/31/2002
1-Chlorooctadecane (Diesel Surrogate)	75.0		%	M EPA 8015	10/31/2002
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/2002
Toluene - d8 (Surr)	95.9		%	EPA 8260B	10/31/2002
4-Bromofluorobenzene (Surr)	87.5		%	EPA 8260B	10/31/2002

<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 : 29447

Date : 10/31/2002

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **630 High Street, Oakland**

Project Number : **204-0318**

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
TPH as Diesel	29447-08	<1.0	20.0	20.0	18.2	18.5	mg/Kg	M EPA 8015	10/31/02	90.9	92.5	1.78	60-140	25
Benzene	29447-04	<0.0050	0.0391	0.0394	0.0422	0.0424	mg/Kg	EPA 8260B	10/31/02	108	108	0.255	70-130	25
Toluene	29447-04	<0.0050	0.0391	0.0394	0.0406	0.0409	mg/Kg	EPA 8260B	10/31/02	104	104	0.265	70-130	25
Tert-Butanol	29447-04	<0.0050	0.196	0.197	0.189	0.197	mg/Kg	EPA 8260B	10/31/02	96.5	100	3.69	70-130	25
Methyl-t-Butyl Ether	29447-04	<0.0050	0.0391	0.0394	0.0335	0.0330	mg/Kg	EPA 8260B	10/31/02	85.7	83.9	2.09	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 29447

Date : 10/31/2002

QC Report : Laboratory Control Sample (LCS)

Project Name : **630 High Street, Oakland**

Project Number : **204-0318**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
TPH as Diesel	20.0	mg/Kg	M EPA 8015	10/31/02	93.2	70-130
Benzene	0.0370	mg/Kg	EPA 8260B	10/30/02	104	70-130
Toluene	0.0370	mg/Kg	EPA 8260B	10/30/02	99.9	70-130
Tert-Butanol	0.185	mg/Kg	EPA 8260B	10/30/02	97.8	70-130
Methyl-t-Butyl Ether	0.0370	mg/Kg	EPA 8260B	10/30/02	79.7	70-130

KIFF ANALYTICAL, LLC

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

Approved By:  _____
Joel Kiff



**Sequoia
Analytical**

885 Jarvis Dr
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

1 November, 2002

Joel Kiff
Kiff Analytical
720 Olive Drive, Suite D
Davis, CA 95616

RE: 630 High Street, Oakland, CA
Sequoia Work Order: MLK0005

Enclosed are the results of analyses for samples received by the laboratory on 10/31/02
10:33. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James Hartley
Project Manager
CA ELAP Certificate #1210



**Sequoia
Analytical**

885 Jarvis Dr
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

MLK0005
Reported:
11/01/02 16:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
V-1 @17	MLK0005-01	Soil	10/30/02 12:00	10/31/02 10:33
V-2 @17	MLK0005-02	Soil	10/30/02 12:30	10/31/02 10:33
V-3 @17	MLK0005-03	Soil	10/30/02 12:10	10/31/02 10:33
V-4 @17	MLK0005-04	Soil	10/30/02 12:35	10/31/02 10:33
V-5 @17	MLK0005-05	Soil	10/30/02 12:15	10/31/02 10:33
V-6 @17	MLK0005-06	Soil	10/30/02 12:45	10/31/02 10:33
V-7 @17	MLK0005-07	Soil	10/30/02 12:20	10/31/02 10:33
V-8 @17	MLK0005-08	Soil	10/30/02 12:50	10/31/02 10:33

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.



Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

MLK0005
Reported:
11/01/02 16:00

**Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
V-1 @17 (MLK0005-01) Soil Sampled: 10/30/02 12:00 Received: 10/31/02 10:33									
Lead	6.1	5.0	mg/kg	1	2K01024	10/31/02	10/31/02	EPA 6010B	
V-2 @17 (MLK0005-02) Soil Sampled: 10/30/02 12:30 Received: 10/31/02 10:33									
Lead	ND	10	mg/kg	2	2K01024	10/31/02	10/31/02	EPA 6010B	R-01
V-3 @17 (MLK0005-03) Soil Sampled: 10/30/02 12:10 Received: 10/31/02 10:33									
Lead	91	5.0	mg/kg	1	2K01024	10/31/02	10/31/02	EPA 6010B	
V-4 @17 (MLK0005-04) Soil Sampled: 10/30/02 12:35 Received: 10/31/02 10:33									
Lead	ND	5.0	mg/kg	1	2K01024	10/31/02	10/31/02	EPA 6010B	
V-5 @17 (MLK0005-05) Soil Sampled: 10/30/02 12:15 Received: 10/31/02 10:33									
Lead	ND	5.0	mg/kg	1	2K01024	10/31/02	10/31/02	EPA 6010B	
V-6 @17 (MLK0005-06) Soil Sampled: 10/30/02 12:45 Received: 10/31/02 10:33									
Lead	6.1	5.0	mg/kg	1	2K01024	10/31/02	10/31/02	EPA 6010B	
V-7 @17 (MLK0005-07) Soil Sampled: 10/30/02 12:20 Received: 10/31/02 10:33									
Lead	5.9	5.0	mg/kg	1	2K01024	10/31/02	10/31/02	EPA 6010B	
V-8 @17 (MLK0005-08) Soil Sampled: 10/30/02 12:50 Received: 10/31/02 10:33									
Lead	5.5	5.0	mg/kg	1	2K01024	10/31/02	10/31/02	EPA 6010B	



Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

MLK0005
Reported:
11/01/02 16:00

**Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2K01024 - EPA 3050B										
Blank (2K01024-BLK1)										
Prepared & Analyzed: 10/31/02										
Lead	ND	5.0	mg/kg							
Laboratory Control Sample (2K01024-BS1)										
Prepared & Analyzed: 10/31/02										
Lead	51.8	5.0	mg/kg	50.0		104	86-118			

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.



Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

MLK0005
Reported:
11/01/02 16:00

Notes and Definitions

- R-01 The reporting limit for this analyte has been raised to account for matrix interference.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



2785 Second Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4803

Sequoia
 Morgan Hill

Lab No. MLJ0876 Page 1 of 1

Project Contact (Hardcopy or PDF to): Joel Kiff EDF Report? Yes 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:
 Phone No.: FAX No.: Global ID:
 Project Number: 204-0318 P.O. No.: 29447 EDF Deliverable to (Email Address):

Project Name: 630 High Street, Oakland CA E-mail address: inbox@kiffanalytical.com

Sample Designation	Sampling		Container			Preservative				Matrix		Lead TTLC	Date due:	For Lab Use Only
	Date	Time	Glass Jar	Poly	Amber	HCl	HNO3	ICE	NONE	WATER	SOIL			
V-1@17'	10/30/02	1200	1					X			X	X	X	01
V-2@17'	10/30/02	1230	1					X			X	X	X	02
V-3@17'	10/30/02	1210	1					X			X	X	X	03
V-4@17'	10/30/02	1235	1					X			X	X	X	04
V-5@17'	10/30/02	1215	1					X			X	X	X	05
V-6@17'	10/30/02	1245	1					X			X	X	X	06
V-7@17'	10/30/02	1220	1					X			X	X	X	07
V-8@17'	10/30/02	1250	1					X			X	X	X	08

Relinquished by: Joel Kiff Date: 10/30/02 Time: 1033 Received by: _____ Remarks: _____
 Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Incident# 98995751
 Relinquished by: _____ Date: 10/30/02 Time: 1033 Received by Laboratory: [Signature] Bill to: Karen Petryna

SHELL Chain Of Custody Record

720 Olive Drive, Suite D
Davis, CA 95616

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

Shell Project Manager to be invoiced:

SCIENCE & ENGINEERING Karen Patryna
 TECHNICAL SERVICES
 CRMT HOUSTON

INCIDENT NUMBER (SEE ONLY)
 9 8 9 9 5 7 5 1
 SAP or CRMT NUMBER (ITS/CRMT)
 1 3 5 6 9 3

DATE: 10
 PAGE: 1 of 1

29447

SAMPLING COMPANY: Cambria Environmental Technologies
 ADDRESS: 1144 65th Street, Oakland, CA
 PROJECT CONTACT (Hardcopy or PDF Report to): Stewart Dalle
 TELEPHONE: (510) 420-3339 FAX: (510) 420-9170 E-MAIL: sdalle@cambria-env.com

SITE ADDRESS (Street and City): 630 High Street, Oakland CA
 EDF DELIVERABLE TO (Responsible Party or Designee): shelloaklandef@cambria-env.com PHONE NO.: (510) 420-3339 E-MAIL: sdalle@cambria-env.com
 Sample's Name: Stu Dalle

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

CONSULTANT PROJECT NO.: 204-0318

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

LAB USE ONLY: 204 not 244
 ONSAMPLES

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED
 priority 3 24 hrs turnaround received by 5 pm 10/31
 cc lab report to sdalle@cambria-env.com and jones@cambria-env.com

REQUESTED ANALYSIS

LA - RWQCB REPORT FORMAT UST AGENCY:

FIELD NOTES:
 Container/Preservative or PID Readings or Laboratory Notes

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 (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 3418m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal (48-)	TPH - Diesel, Extractable (8015m)	MTBE (8260B) Confirmation, See Note	TEMPERATURE ON RECEIPT C°
		DATE	TIME																					
	V-1 @ 17'	10/30	12:00	soil	1	X	X	X																On ICE
	V-2 @ 17'		12:30																					01
	V-3 @ 17'		12:10																					02
	V-4 @ 17'		12:35																					03
	V-5 @ 17'		12:15																					04
	V-6 @ 17'		12:45																					05
	V-7 @ 17'		12:20																					06
	V-8 @ 17'		12:50																					07
																								08

Relinquished by (Signature): [Signature]
 Received by (Signature): [Signature] Date: 10/30/02 Time: 3:30
 Relinquished by (Signature): [Signature]
 Received by (Signature): [Signature] Date: 10/30/02 Time: 1530
 Relinquished by (Signature): [Signature]
 Received by (Signature): [Signature] Date: 10/30/02 Time: 1530

C&C Graphic (714) 8-8702

Dispenser and Piping Analytical Data



Report Number : 29603

Date : 11/08/2002

Subject : 20 Soil Samples
Project Name : 630 High Street, Oakland CA
Project Number : 204-0318
P.O. Number : 98995751

Case Narrative

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for samples D-5@4', D-6@4', D-7@4', P-3@4', P-7@4', P-8@4' and P-11@4'.

The Reporting Limit for TPH as Diesel have been raised for samples P-8@4' and P-12@4' due to the presence of high-boiling hydrocarbons.

The chromatograms for samples D-4@4', D-5@4', D-6@4', D-7@4', D-8@4', P-2@4', P-6@4', P-8@4' and P-11@4' show the presence of high-boiling hydrocarbons.

Matrix Spike/Matrix Spike Duplicate Results associated with samples D-4@4', P-9@4', P-10@4', P-5@4', P-7@4', D-1@4', D-3@4', P-4@4', P-6@4', P-11@4', D-7@4', D-2@4', D-8@4', P-1@4', P-3@4', D-5@4', P-8@4', P-2@4', D-6@4', P-12@4' for the analyte TPH as Diesel were affected by the analyte concentrations already present in the un-spiked sample.

Approved By:  _____
Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 916-297-4800



Report Number : 29603

Date : 11/08/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : D-1@4'

Matrix : Soil

Lab Number : 29603-01

Sample Date :11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	99.6		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	101		% Recovery	M EPA 8015	11/08/2002

Sample : D-2@4'

Matrix : Soil

Lab Number : 29603-02

Sample Date :11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.025	0.025	mg/Kg	EPA 8260B	11/08/2002
Toluene	< 0.025	0.025	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	< 0.025	0.025	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	< 0.025	0.025	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	70	5.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	1400	5.0	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	Diluted Out		% Recovery	M EPA 8015	11/08/2002

Approved By: Joel Kiff

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



Report Number : 29603

Date : 11/08/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : D-3@4'

Matrix : Soil

Lab Number : 29603-03

Sample Date :11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	0.0085	0.005	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	99.4		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	104		% Recovery	M EPA 8015	11/08/2002

Sample : D-4@4'

Matrix : Soil

Lab Number : 29603-04

Sample Date :11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	96.9		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	95.4		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/07/2002
1-Chlorooctadecane (Diesel Surrogate)	72.1		% Recovery	M EPA 8015	11/07/2002

Approved By: Joel Kiff

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



Report Number : 29603

Date : 11/08/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : D-5@4'

Matrix : Soil

Lab Number : 29603-05

Sample Date :11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	0.31	0.050	mg/Kg	EPA 8260B	11/08/2002
Toluene	0.058	0.050	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	9.7	0.050	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	1.8	0.050	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	320	5.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	99.5		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	95.8		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	75	10	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	120		% Recovery	M EPA 8015	11/08/2002

Sample : D-6@4'

Matrix : Soil

Lab Number : 29603-06

Sample Date :11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.025	0.025	mg/Kg	EPA 8260B	11/08/2002
Toluene	< 0.025	0.025	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	0.14	0.025	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	3.5	0.025	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	150	5.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	96.4		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	89	10	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	101		% Recovery	M EPA 8015	11/08/2002

Approved By: Joel Kiff

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



Report Number : 29603

Date : 11/08/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : D-7@4'

Matrix : Soil

Lab Number : 29603-07

Sample Date : 11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	99.9		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	130	5.0	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	72.2		% Recovery	M EPA 8015	11/08/2002

Sample : D-8@4'

Matrix : Soil

Lab Number : 29603-08

Sample Date : 11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Toluene	0.048	0.005	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	0.019	0.005	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	0.59	0.005	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	2.9	1.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	99.4		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	41	5.0	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	87.2		% Recovery	M EPA 8015	11/08/2002

Approved By: Joel Kiff

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Report Number : 29603

Date : 11/08/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : P-1@4'

Matrix : Soil

Lab Number : 29603-09

Sample Date : 11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	97.7		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	98.3		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	106		% Recovery	M EPA 8015	11/08/2002

Sample : P-2@4'

Matrix : Soil

Lab Number : 29603-10

Sample Date : 11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	95.7		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	99.8		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	75.4		% Recovery	M EPA 8015	11/08/2002

Approved By: Joel Kiff

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



Report Number : 29603

Date : 11/08/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : P-3@4'

Matrix : Soil

Lab Number : 29603-11

Sample Date :11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	94.9		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	93.1		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	3.3	1.0	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	109		% Recovery	M EPA 8015	11/08/2002

Sample : P-4@4'

Matrix : Soil

Lab Number : 29603-12

Sample Date :11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Toluene	0.024	0.005	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	0.033	0.005	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	105		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	95.4		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	8.5	1.0	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	92.5		% Recovery	M EPA 8015	11/08/2002

Approved By: Joel Kiff

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



Report Number : 29603

Date : 11/08/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : P-5@4'

Matrix : Soil

Lab Number : 29603-13

Sample Date :11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	105		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	92.9		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	100		% Recovery	M EPA 8015	11/08/2002

Sample : P-6@4'

Matrix : Soil

Lab Number : 29603-14

Sample Date :11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	99.4		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	97.5		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	104		% Recovery	M EPA 8015	11/08/2002

Approved By:  Joel Kiff

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



Report Number : 29603

Date : 11/08/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : P-7@4'

Matrix : Soil

Lab Number : 29603-15

Sample Date :11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	99.4		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	104		% Recovery	M EPA 8015	11/08/2002

Sample : P-8@4'

Matrix : Soil

Lab Number : 29603-16

Sample Date :11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.050	0.050	mg/Kg	EPA 8260B	11/08/2002
Toluene	< 0.050	0.050	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	0.56	0.050	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	0.17	0.050	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	250	5.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	98.1		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	180	20	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	105		% Recovery	M EPA 8015	11/08/2002

Approved By: Joel Kiff

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



Report Number : 29603

Date : 11/08/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : P-9@4'

Matrix : Soil

Lab Number : 29603-17

Sample Date :11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	96.6		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	85.6		% Recovery	M EPA 8015	11/08/2002

Sample : P-10@4'

Matrix : Soil

Lab Number : 29603-18

Sample Date :11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	98.2		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	97.1		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	89.1		% Recovery	M EPA 8015	11/08/2002

Approved By: Joel Kiff

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



Report Number : 29603

Date : 11/08/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : P-11@4'

Matrix : Soil

Lab Number : 29603-19

Sample Date : 11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.050	0.050	mg/Kg	EPA 8260B	11/08/2002
Toluene	< 0.050	0.050	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	0.14	0.050	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	0.13	0.10	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	210	5.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	112		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	93.4		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	100	5.0	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	82.6		% Recovery	M EPA 8015	11/08/2002

Sample : P-12@4'

Matrix : Soil

Lab Number : 29603-20

Sample Date : 11/06/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/08/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/08/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/08/2002
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/08/2002
4-Bromofluorobenzene (Surr)	98.8		% Recovery	EPA 8260B	11/08/2002
TPH as Diesel	< 5.0	5.0	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	75.4		% Recovery	M EPA 8015	11/08/2002

Approved By:  Joel Kiff

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

Report Number : 29603

Date : 11/08/2002

QC Report : Method Blank Data

Project Name : **630 High Street, Oakland CA**

Project Number : **204-0318**

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/08/2002
1-Chlorooctadecane (Diesel Surrogate)	96.4		%	M EPA 8015	11/08/2002
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/07/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/07/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/07/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/07/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/07/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/07/2002
Toluene - d8 (Surr)	98.8		%	EPA 8260B	11/07/2002
4-Bromofluorobenzene (Surr)	106		%	EPA 8260B	11/07/2002

<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 : 29603

Date : 11/08/2002

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **630 High Street, Oakland**

Project Number : **204-0318**

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
TPH as Diesel	29603-06	89	20.0	20.0	168	194	mg/Kg	M EPA 8015	11/8/02	154	178	14.4	60-140	25
Benzene	29603-09	<0.0050	0.0390	0.0397	0.0393	0.0356	mg/Kg	EPA 8260B	11/7/02	101	89.8	11.5	70-130	25
Toluene	29603-09	<0.0050	0.0390	0.0397	0.0380	0.0342	mg/Kg	EPA 8260B	11/7/02	97.6	86.2	12.5	70-130	25
Tert-Butanol	29603-09	<0.0050	0.195	0.198	0.196	0.177	mg/Kg	EPA 8260B	11/7/02	101	89.0	12.4	70-130	25
Methyl-t-Butyl Ether	29603-09	<0.0050	0.0390	0.0397	0.0401	0.0397	mg/Kg	EPA 8260B	11/7/02	103	100	2.93	70-130	25

Approved By: Joel Kiff

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

Report Number : 29603

Date : 11/08/2002

QC Report : Laboratory Control Sample (LCS)

Project Name : **630 High Street, Oakland**

Project Number : **204-0318**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
TPH as Diesel	20.0	mg/Kg	M EPA 8015	11/7/02	92.2	70-130
Benzene	0.0400	mg/Kg	EPA 8260B	11/7/02	96.6	70-130
Toluene	0.0400	mg/Kg	EPA 8260B	11/7/02	95.0	70-130
Tert-Butanol	0.200	mg/Kg	EPA 8260B	11/7/02	94.4	70-130
Methyl-t-Butyl Ether	0.0400	mg/Kg	EPA 8260B	11/7/02	101	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 08, 2002

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

Subject: Calscience Work Order No.: 02-11-0421
Client Reference: 630 High Street, Oakland CA

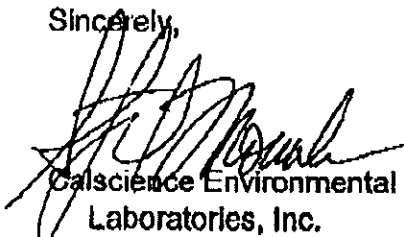
Dear Client:


Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 11/8/2002 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: 11/08/02
 Work Order No: 02-11-0421
 Preparation: Total Digestion
 Method: EPA 6010B

Project: 630 High Street, Oakland CA

Page 1 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
D-104	02-11-0421-1	11/08/02	Solid	11/08/02	11/08/02	021108L01

Parameter	Result	RL	DF	Qual	Units
Lead	31.8	0.5	1		mg/kg

D-104	02-11-0421-2	11/08/02	Solid	11/08/02	11/08/02	021108L01
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Parameter	Result	RL	DF	Qual	Units
Lead	81.7	0.5	1		mg/kg

D-104	02-11-0421-3	11/08/02	Solid	11/08/02	11/08/02	021108L01
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Parameter	Result	RL	DF	Qual	Units
Lead	14.5	0.5	1		mg/kg

D-104	02-11-0421-4	11/08/02	Solid	11/08/02	11/08/02	021108L01
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Parameter	Result	RL	DF	Qual	Units
Lead	34.0	0.5	1		mg/kg

D-104	02-11-0421-5	11/08/02	Solid	11/08/02	11/08/02	021108L01
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Parameter	Result	RL	DF	Qual	Units
Lead	54.8	0.5	1		mg/kg

D-104	02-11-0421-6	11/08/02	Solid	11/08/02	11/08/02	021108L01
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Parameter	Result	RL	DF	Qual	Units
Lead	51.3	0.5	1		mg/kg

D-104	02-11-0421-7	11/08/02	Solid	11/08/02	11/08/02	021108L01
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Parameter	Result	RL	DF	Qual	Units
Lead	315	0.500	1		mg/kg

D-104	02-11-0421-8	11/08/02	Solid	11/08/02	11/08/02	021108L01
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Parameter	Result	RL	DF	Qual	Units
Lead	97.8	0.5	1		mg/kg

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



ANALYTICAL REPORT

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

Date Received: 11/08/02
Work Order No: 02-11-0421
Preparation: Total Digestion
Method: EPA 6010B

Project: 630 High Street, Oakland CA

Page 2 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
P-104	02-11-0421-9	11/08/02	Solid	11/08/02	11/08/02	021108L01

Parameter	Result	RL	DF	Qual	Units
Lead	106	0.500	1		mg/kg

P-204	02-11-0421-10	11/08/02	Solid	11/08/02	11/08/02	021108L01
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Parameter	Result	RL	DF	Qual	Units
Lead	92.6	0.5	1		mg/kg

P-304	02-11-0421-11	11/08/02	Solid	11/08/02	11/08/02	021108L01
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Parameter	Result	RL	DF	Qual	Units
Lead	22.1	0.5	1		mg/kg

P-404	02-11-0421-12	11/08/02	Solid	11/08/02	11/08/02	021108L01
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Parameter	Result	RL	DF	Qual	Units
Lead	80.2	0.5	1		mg/kg

P-504	02-11-0421-13	11/08/02	Solid	11/08/02	11/08/02	021108L01
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Parameter	Result	RL	DF	Qual	Units
Lead	19.1	0.5	1		mg/kg

P-604	02-11-0421-14	11/08/02	Solid	11/08/02	11/08/02	021108L01
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Parameter	Result	RL	DF	Qual	Units
Lead	2700	5	10		mg/kg

P-704	02-11-0421-15	11/08/02	Solid	11/08/02	11/08/02	021108L01
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Parameter	Result	RL	DF	Qual	Units
Lead	180	0.500	1		mg/kg

P-804	02-11-0421-16	11/08/02	Solid	11/08/02	11/08/02	021108L01
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Parameter	Result	RL	DF	Qual	Units
Lead	59.2	0.5	1		mg/kg

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

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

Date Received: 11/08/02
 Work Order No: 02-11-0421
 Preparation: Total Digestion
 Method: EPA 6010B

Project: 630 High Street, Oakland CA

Page 3 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
P-1004	02-11-0421-17	11/08/02	Solid	11/08/02	11/08/02	021108L01

Parameter	Result	RL	DF	Qual	Units
Lead	27.0	0.5	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
P-1004	02-11-0421-18	11/08/02	Solid	11/08/02	11/08/02	021108L01

Parameter	Result	RL	DF	Qual	Units
Lead	50.7	0.6	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
P-1104	02-11-0421-19	11/08/02	Solid	11/08/02	11/08/02	021108L01

Parameter	Result	RL	DF	Qual	Units
Lead	68.8	0.5	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
P-1204	02-11-0421-20	11/08/02	Solid	11/08/02	11/08/02	021108L01

Parameter	Result	RL	DF	Qual	Units
Lead	432	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	02-11-002-3/77	N/A	Solid	11/08/02	11/08/02	021108L01

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

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



Quality Control - Spike/Spike Duplicate

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

Date Received: 11/08/02
 Work Order No: 02-11-0421
 Preparation: Total Digestion
 Method: EPA 6010B

Project: 630 High Street, Oakland CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
0-004	Soils	ICP-3300	11/08/02	11/08/02	021108S01

Parameter	MS %REC	MSD %REC	%REC.CL	RPD	RPD.CL	Qualifiers
Lead	115	119	75-125	2	0-20	

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

Date Received: 11/08/02
 Work Order No: 02-11-0421
 Preparation: Total Digestion
 Method: EPA 6010B

Project: 630 High Street, Oakland CA

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-3,777	Solid	ICP 3500	11/08/02	021108-101	021108L01

Parameter	Conc Added	Conc Recovered	%Rec	%Rec CL	Qualifiers
Lead	50.0	54.4	109	80-120	

Calscience **GLOSSARY OF TERMS AND QUALIFIERS**
Environmental
Laboratories, Inc.

Work Order Number: 02-11-0421

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



SAMPLE RECEIPT FORM

CLIENT: Kiff

DATE: 11/9/02

TEMPERATURE - SAMPLES RECEIVED BY:

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

Initial: JK

CUSTODY SEAL INTACT:

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

Initial: JK

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: JK

COMMENTS:



2785 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. 0421 Page 1 of 2

Project Contact (Hardcopy or PDF to): **Joel Kiff** EDF Report? Yes 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: **CETO** Analysis Request Date due:

Phone No.: FAX No.: Global ID: **T0600101273**

Project Number: **204-0318** P.O. No.: **29603** EDF Deliverable to (Email Address): **inbox@kiffanalytical.com**

Project Name: **630 High Street, Oakland CA** E-mail address: **inbox@kiffanalytical.com**

Project Address: Sampling Container Preservative Matrix

Sample Designation	Date	Time	Class Jar	Container			Preservative				Matrix		LEAD TLIC	November 8, 2002	For Lab Use Only
				Poly	Amber	Sleeve	HCl	HNO3	ICE	NONE	WATER	SOIL			
D-1@4'	11/6/02	100	1						X			X			X
D-2@4'	11/6/02	105	1						X			X			X
D-3@4'	11/6/02	110	1						X			X			X
D-4@4'	11/6/02	115	1						X			X			X
D-5@4'	11/6/02	130	1						X			X			X
D-6@4'	11/6/02	140	1						X			X			X
D-7@4'	11/6/02	145	1						X			X			X
D-8@4'	11/6/02	150	1						X			X			X
P-1@4'	11/6/02	210	1						X			X			X
P-2@4'	11/6/02	220	1						X			X			X

Relinquished by: *[Signature]* KIFF ANALYTICAL Date: **11/07/02** Time: **1405** Received by: Remarks: **RUSH TAT, approved by Steve Nowak.**

Relinquished by: Date: Time: Received by: Incident# **98995751** SAP# **135693**

Relinquished by: *[Signature]* Date: **11/07/02** Time: **0840** Received by Laboratory: *[Signature]* Bill to:

NOV-08-2002 13:03 CHEM SCIENCE 114 034 (30) 1:05:10



2795 Second Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4803

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

Lab No. 0421

Project Contact (Hardcopy or PDF to): **Joel Kiff** **EDF Report?** Yes No **Chain-of-Custody Record and Analysis Request**

Company/Address: **Kiff Analytical, LLC** Recommended but not mandatory to complete this section:
 Phone No.: FAX No.: Sampling Company Log Code: **CETO**
 Project Number: **204-0318** P.O. No.: **29603** Global ID: **T0600101273**
 Project Name: **630 High Street, Oakland CA** EDF Deliverable to (Email Address): **inbox@kiffanalytical.com**
 Project Address: E-mail address: **inbox@kiffanalytical.com**

Sample Designation	Sampling		Container				Preservative				Matrix		LEAD TLIC	Date due:	For Lab Use Only
	Date	Time	Glass Jar	Poly	Amber	HCl	HNO3	ICE	NONE	WATER	SOIL				
P-3@4'	11/6/02	230	1					X		X	X	X	X	X	
P-4@4'	11/6/02	240	1					X		X	X	X	X	X	
P-5@4'	11/6/02	250	1					X		X	X	X	X	X	
P-6@4'	11/6/02	300	1					X		X	X	X	X	X	
P-7@4'	11/6/02	320	1					X		X	X	X	X	X	
P-8@4'	11/6/02	330	1					X		X	X	X	X	X	
P-9@4'	11/6/02	340	1					X		X	X	X	X	X	
P-10@4'	11/6/02	400	1					X		X	X	X	X	X	
P-11@4'	11/6/02	410	1					X		X	X	X	X	X	
P-12@4'	11/6/02	425	1					X		X	X	X	X	X	

Relinquished by: <i>[Signature]</i> / KIFF ANALYTICAL	Date: 11/6/02	Time: 1405	Received by:	Remarks: RUSH TAT, approved by Steve Nowak.
Relinquished by:	Date:	Time:	Received by:	Incident# 98995751 SAP# 135693
Relinquished by:	Date: 11/6/02	Time: 0900	Received by Laboratory: <i>[Signature]</i>	Bill to:

TOTAL P. 10

NOV-08-2002 15:03
 CALSCIENCE
 714 894 7501

SHELL Chain Of Custody Record

720 Olive Drive, Suite D
Davis, CA 95616

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

Shell Project Manager to be involved:

- SCIENCE & ENGINEERING Karen Petryna
- TECHNICAL SERVICES
- CRMT HOUSTON

29603

INCIDENT NUMBER (S&E ONLY)

9 8 9 9 5 7 5 1

SAP or CRMT NUMBER (TS/CRMT)

1 3 5 6 9 3

DATE: 11/6/02

PAGE: 1 of 3

SAMPLING COMPANY: Cambria Environmental Technologies		LOG CODE: CE10	SITE ADDRESS (Street and City): 630 High Street, Oakland CA		GLOBAL ID NO.: T0600101273
ADDRESS: 1144 65th Street, Oakland, CA		EDF DELIVERABLE TO (Responsible Party or Designee): shelloaklandef@cambria-env.com		PHONE NO.: (510) 420-3339	E-MAIL: sdalie@cambria-env.com
PROJECT CONTACT (Hardcopy or PDF Report to): Stewart Dalie		Sampler's Name: Stu Dalie		CONSULTANT PROJECT NO.: 204-0318	
TELEPHONE: (510) 420-3339	FAX: (510) 420-9170	E-MAIL: sdalie@cambria-env.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					

REQUESTED ANALYSIS

LA - RWQCB REPORT FORMAT UST AGENCY:
 GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____
 SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED
 cc lab report to sdalie@cambria-env.com and jjones@cambria-env.com

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

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 (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 3416m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal (48--)	TPH - Diesel, Extractable (8015m)	TEMPERATURE ON RECEIPT °C	
		DATE	TIME																					
/	D-1 @ 4'	11/6	100	Soil	1	X	X	X															On ICE	
/	D-2 @ 4'		105																					
/	D-3 @ 4'		110																					
X	D-4 @ 4'		115																					
/	D-5 @ 4'		130																					
/	D-6 @ 4'		140																					
X	D-7 @ 4'		145																					
/	D-8 @ 4'		150																					
	NO ANALYSIS																							

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 11/6/02	Time: 7:00
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 11/6/02	Time: 7:00
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 11/07/02	Time: 1020



Report Number : 29678

Date : 11/12/2002

Stu Dalie
Cambria Environmental Technology Inc
6262 Hollis Street
Emeryville, CA 94608

Subject : 1 Water Sample and 4 Soil Samples
Project Name : 630 High Street, Oakland CA
Project Number : 244-0318
P.O. Number : 98995751

Dear Mr. Dalie,

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 : 29678

Date : 11/12/2002

Subject : 1 Water Sample and 4 Soil Samples
Project Name : 630 High Street, Oakland CA
Project Number : 244-0318
P.O. Number : 98995751

Case Narrative

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for samples X-1, X-2, X-3 and X-H2O.

Approved By:  _____
Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 916-297-4800



Report Number : 29678

Date : 11/12/2002

Project Name : 630 High Street, Oakland CA

Project Number : 244-0318


Sample : X-1

Matrix : Soil

Lab Number : 29678-01

Sample Date : 11/8/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.050	0.050	mg/Kg	EPA 8260B	11/12/2002
Toluene	< 0.050	0.050	mg/Kg	EPA 8260B	11/12/2002
Ethylbenzene	0.55	0.050	mg/Kg	EPA 8260B	11/12/2002
Total Xylenes	< 0.050	0.050	mg/Kg	EPA 8260B	11/12/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/12/2002
TPH as Gasoline	290	5.0	mg/Kg	EPA 8260B	11/12/2002
Toluene - d8 (Surr)	99.2		% Recovery	EPA 8260B	11/12/2002
4-Bromofluorobenzene (Surr)	97.3		% Recovery	EPA 8260B	11/12/2002
TPH as Diesel	17	1.0	mg/Kg	M EPA 8015	11/12/2002
1-Chlorooctadecane (Diesel Surrogate)	88.3		% Recovery	M EPA 8015	11/12/2002

Approved By:  Joel Kiff

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



Report Number : 29678

Date : 11/12/2002

Project Name : 630 High Street, Oakland CA

Project Number : 244-0318

Sample : X-2

Matrix : Soil

Lab Number : 29678-02

Sample Date :11/8/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	0.17	0.025	mg/Kg	EPA 8260B	11/12/2002
Toluene	0.15	0.025	mg/Kg	EPA 8260B	11/12/2002
Ethylbenzene	< 0.025	0.025	mg/Kg	EPA 8260B	11/12/2002
Total Xylenes	0.62	0.025	mg/Kg	EPA 8260B	11/12/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/12/2002
TPH as Gasoline	72	5.0	mg/Kg	EPA 8260B	11/12/2002
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/12/2002
4-Bromofluorobenzene (Surr)	96.9		% Recovery	EPA 8260B	11/12/2002
TPH as Diesel	3600	20	mg/Kg	M EPA 8015	11/12/2002
1-Chlorooctadecane (Diesel Surrogate)	Diluted Out		% Recovery	M EPA 8015	11/12/2002

Approved By:  Joel Kiff

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



Report Number : 29678

Date : 11/12/2002

Project Name : 630 High Street, Oakland CA

Project Number : 244-0318

Sample : X-3

Matrix : Soil

Lab Number : 29678-03

Sample Date : 11/8/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	0.22	0.050	mg/Kg	EPA 8260B	11/12/2002
Toluene	32	1.0	mg/Kg	EPA 8260B	11/12/2002
Ethylbenzene	33	1.0	mg/Kg	EPA 8260B	11/12/2002
Total Xylenes	220	1.0	mg/Kg	EPA 8260B	11/12/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/12/2002
TPH as Gasoline	2100	50	mg/Kg	EPA 8260B	11/12/2002
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	11/12/2002
4-Bromofluorobenzene (Surr)	97.7		% Recovery	EPA 8260B	11/12/2002
TPH as Diesel	280	1.0	mg/Kg	M EPA 8015	11/12/2002
1-Chlorooctadecane (Diesel Surrogate)	89.1		% Recovery	M EPA 8015	11/12/2002

Approved By:  Joel Kiff

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



Report Number : 29678

Date : 11/12/2002

Project Name : 630 High Street, Oakland CA

Project Number : 244-0318

Sample : X-4

Matrix : Soil

Lab Number : 29678-04

Sample Date : 11/8/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/12/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	11/12/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	11/12/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	11/12/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	11/12/2002
TPH as Gasoline	1.4	1.0	mg/Kg	EPA 8260B	11/12/2002
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	11/12/2002
4-Bromofluorobenzene (Surr)	96.0		% Recovery	EPA 8260B	11/12/2002
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/12/2002
1-Chlorooctadecane (Diesel Surrogate)	86.5		% Recovery	M EPA 8015	11/12/2002

Approved By:  Joel Kiff

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



Report Number : 29678

Date : 11/12/2002

Project Name : 630 High Street, Oakland CA

Project Number : 244-0318

Sample : X-H2O

Matrix : Water

Lab Number : 29678-05

Sample Date : 11/8/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	51	2.5	ug/L	EPA 8260B	11/12/2002
Toluene	350	2.5	ug/L	EPA 8260B	11/12/2002
Ethylbenzene	220	2.5	ug/L	EPA 8260B	11/12/2002
Total Xylenes	1300	2.5	ug/L	EPA 8260B	11/12/2002
Methyl-t-butyl ether (MTBE)	190	25	ug/L	EPA 8260B	11/12/2002
TPH as Gasoline	8300	250	ug/L	EPA 8260B	11/12/2002
Toluene - d8 (Surr)	98.3		% Recovery	EPA 8260B	11/12/2002
4-Bromofluorobenzene (Surr)	98.7		% Recovery	EPA 8260B	11/12/2002
TPH as Diesel	160000	1000	ug/L	M EPA 8015	11/12/2002

Approved By:  Joel Kiff

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

Report Number : 29678

Date : 11/12/2002

QC Report : Method Blank Data

Project Name : **630 High Street, Oakland CA**

Project Number : **244-0318**

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/12/2002
1-Chlorooctadecane (Diesel Surrogate)	101		%	M EPA 8015	11/12/2002
TPH as Diesel	< 50	50	ug/L	M EPA 8015	11/11/2002
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/12/2002
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/12/2002
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/12/2002
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/12/2002
Methyl-t-butyl ether (MTBE)	< 5.0	5.0	ug/L	EPA 8260B	11/12/2002
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/12/2002
Toluene - d8 (Surr)	97.9		%	EPA 8260B	11/12/2002
4-Bromofluorobenzene (Surr)	96.5		%	EPA 8260B	11/12/2002

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
------------------	-----------------------	-------------------------------	--------------	------------------------	----------------------

KIFF ANALYTICAL, LLC

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

Approved By:  Joel Kiff

Report Number : 29678

Date : 11/12/2002

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **630 High Street, Oakland**

Project Number : **244-0318**

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
TPH as Diesel	29659-01	<1.0	20.0	20.0	20.2	19.0	mg/Kg	M EPA 8015	11/12/02	101	94.8	6.33	60-140	25
TPH as Diesel	Blank	<50	1000	1000	894	861	ug/L	M EPA 8015	11/11/02	89.4	86.1	3.81	70-130	25
Benzene	29517-04	<0.50	40.0	40.0	42.2	42.0	ug/L	EPA 8260B	11/12/02	106	105	0.594	70-130	25
Toluene	29517-04	<0.50	40.0	40.0	40.4	40.2	ug/L	EPA 8260B	11/12/02	101	100	0.397	70-130	25
Tert-Butanol	29517-04	<5.0	200	200	206	204	ug/L	EPA 8260B	11/12/02	103	102	1.06	70-130	25
Methyl-t-Butyl Ether	29517-04	<0.50	40.0	40.0	39.8	39.5	ug/L	EPA 8260B	11/12/02	99.4	98.8	0.656	70-130	25



Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 29678

Date : 11/12/2002

QC Report : Laboratory Control Sample (LCS)

Project Name : **630 High Street, Oakland**

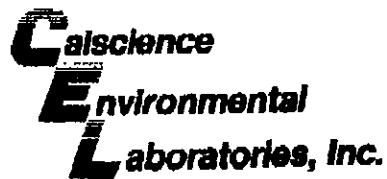
Project Number : **244-0318**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
TPH as Diesel	20.0	mg/Kg	M EPA 8015	11/11/02	88.8	70-130
Benzene	40.0	ug/L	EPA 8260B	11/12/02	106	70-130
Toluene	40.0	ug/L	EPA 8260B	11/12/02	100	70-130
Tert-Butanol	200	ug/L	EPA 8260B	11/12/02	105	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	11/12/02	94.5	70-130

KIFF ANALYTICAL, LLC

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

Approved By:  Joel Kiff



November 12, 2002

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

Subject: **CalScience Work Order No.:** 02-11-0653
Client Reference: 630 High Street, Oakland, CA

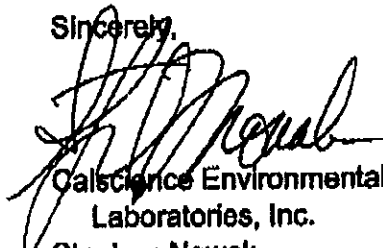
Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 11/12/2002 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.

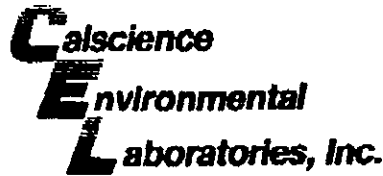
Sincerely,



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 95618-8593

Date Received: 11/12/02
Work Order No: 02-11-0653
Preparation: Total Digestion
Method: EPA 8010B

Project: 630 High Street, Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
X-1	02-11-0653-1	11/08/02	Solid	11/12/02	11/12/02	021112L03A

Parameter	Result	RL	DF	Qual	Units
Lead	5.83	0.50	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
X-2	02-11-0653-2	11/08/02	Solid	11/12/02	11/12/02	021112L03A

Parameter	Result	RL	DF	Qual	Units
Lead	5.13	0.50	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
X-3	02-11-0653-3	11/08/02	Solid	11/12/02	11/12/02	021112L03A

Parameter	Result	RL	DF	Qual	Units
Lead	3.36	0.50	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
X-4	02-11-0653-4	11/08/02	Solid	11/12/02	11/12/02	021112L03A

Parameter	Result	RL	DF	Qual	Units
Lead	28.0	0.5	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	007-01-0023-782	N/A	Solid	11/12/02	11/12/02	021112L03A

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

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



Quality Control - Spike/Spike Duplicate

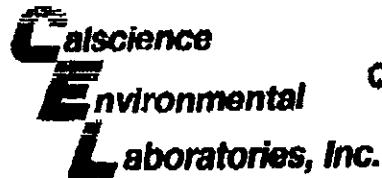
Kiff Analytical
 2795 2nd Street, Suite 300
 Davis, CA 95616-6593

Date Received: 11/12/02
 Work Order No: 02-11-0853
 Preparation: Total Digestion
 Method: EPA 8010B

Project: 630 High Street, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
X2	Soil	ICP 3000	11/12/02	11/12/02	021112803

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	103	105	75-125	1	0-20	



Quality Control - Laboratory Control Sample

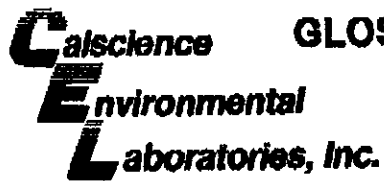
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6693

Date Received: 11/12/02
Work Order No: 02-11-0653
Preparation: Total Digestion
Method: EPA 6010B

Project: 630 High Street, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
007-01-002-3782	Solid	ICP-3500	11/12/02	02-11-0653	02-11-02103A

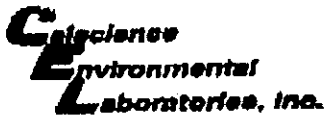
Parameter	Conc Added	Conc Recovered	%Rec	%Rec CL	Qualifiers
Lead	50.0	52.0	104	80-120	



GLOSSARY OF TERMS AND QUALIFIERS

Work Order Number: 02-11-0853

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



WORK ORDER #: 02-11-0653

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Kilt

DATE: 11/12/02

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
Chilled, cooler without temperature blank.
Chilled and placed in cooler with wet ice.
Ambient and placed in cooler with wet ice.
Ambient temperature.
°C Temperature blank.

LABORATORY (Other than CalScience Courier):

- 4 °C Temperature blank.
°C IR thermometer.
Ambient temperature.

Initial: [Signature]

CUSTODY SEAL INTACT:

Sample(s): Cooler: [checked] No (Not Intact): Not Applicable (N/A):

Initial: [Signature]

SAMPLE CONDITION:

Table with 4 columns: Description, Yes, No, N/A. Rows include Chain-Of-Custody document(s), Sample container label(s), Sample container(s) intact, Correct containers for analyses, Proper preservation noted, VOA vial(s) free of headspace, Tedlar bag(s) free of condensation.

Initial: [Signature]

COMMENTS:

Blank lines for handwritten 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. **0653**

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 mandatory to complete this section: Sampling Company Log Code: CETO		Analysis Request																														
Phone No.:	FAX No.:	Global ID: T0600101273		<table border="1"> <thead> <tr> <th>Date Due:</th> <th>For Lab Use Only</th> </tr> </thead> <tbody> <tr> <td>November 12, 2002</td> <td></td> </tr> </tbody> </table>										Date Due:	For Lab Use Only	November 12, 2002																		
Date Due:	For Lab Use Only																																	
November 12, 2002																																		
Project Number: 244-0318	P.O. No.: 29678	EDF Deliverable to (Email Address): inbox@kiffanalytical.com																																
Project Name: 630 High Street, Oakland CA		E-mail address: inbox@kiffanalytical.com																																
Project Address:		Sampling		Container				Preservative				Matrix		<table border="1"> <thead> <tr> <th>TOTAL LEAD</th> </tr> </thead> <tbody> <tr><td>X</td></tr> <tr><td>X</td></tr> <tr><td>X</td></tr> <tr><td>X</td></tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> </tbody> </table>										TOTAL LEAD	X	X	X	X						
TOTAL LEAD																																		
X																																		
X																																		
X																																		
X																																		
Sample Designation	Date	Time	Glass Jar	Poly	Amber	Sleeve	HCl	HNO3	ICE	NONE	WATER	SOIL																						
X-1	11/8/02	1230	1					X				X	X																					
X-2	11/8/02	1235	1					X				X	X																					
X-3	11/8/02	1240	1					X				X	X																					
X-4	11/8/02	1245	1					X				X	X																					
Relinquished by: <i>Joel Kiff Analytical</i>		Date	Time	Received by:		Remarks: RUSH TAT!!																												
Relinquished by:		Date	Time	Received by:		Incident#: 98995751																												
Relinquished by:		Date	Time	Received by Laboratory: <i>[Signature]</i>		Bill to:																												

TOTAL P. 07

NOV-12-2002 16:11 CALSCIENCE 714 894 7501 P. 07/07

SHELL Chain Of Custody Record

720 Olive Drive, Suite D

Davis, CA 95616

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

Shell Project Manager to be Invoiced:

SCIENCE & ENGINEERING Karen Patryna

TECHNICAL SERVICES

CRMT (HOUSTON)

29678

INCIDENT NUMBER (SEE GEN Y)

9 8 9 9 5 7 5 1

SAP or CRMT NUMBER (TS/CRMT)

1 3 5 6 9 3

DATE: 11/8/02

PAGE: 1 of 1

SAMPLING COMPANY: Cambria Environmental Technologies		LOG CODE: CETO	SITE ADDRESS (Street and City): 630 High Street, Oakland CA		GLOBAL ID NO.: T0600101273
ADDRESS: 1144 65th Street, Oakland, CA		EOF DELIVERABLE TO (Responsible Party or Designee): shelloaklandef@cambria-env.com		PHONE NO.: (510) 420-3339	E-MAIL: sdalie@cambria-env.com
PROJECT CONTACT (hardcopy or PDF Report to): Stewart Dalie		Sample's Name: Stu Dalie		CONSULTANT PROJECT NO.: 214-0218	
TELEPHONE: (510) 420-3339	FAX: (510) 420-9170	E-MAIL: sdalie@cambria-env.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 NOT NEEDED

cc lab report to sdalie@cambria-env.com and jones@cambria-env.com

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (#021B - Sppb RL)	MTBE (#260B - 0.5ppb RL)	Oxygenates (5) by (#260B)	Ethanol (#260B)	Methanol	EDB & 1,2-DCA (#260B)	EPA 5035 Extraction for Volatiles	VOCs Halogenated/Aromatic (#021B)	TRPH (416.1)	Vapor VOCs BTEX / MTBE (TO-15)	Vapor VOCs Full List (TO-15)	Vapor TPH (ASTM 3416m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal (4B-)	TPH - Diesel, Extractable (#015m)	MTBE (#260B) Confirmation - See Note	TEMPERATURE ON RECEIPT C°	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes	
		DATE	TIME																							
	X-1K0	11/8	12:30	Soil	1	X	X	X																		
	X-2	11/8	12:35	Soil	1	X	X	X																		On ICE 01
	X-3	11/8	12:40	Soil	1	X	X	X																		02
	X-4	11/8	12:45	Soil	1	X	X	X																		03
	X-H2O	11/8	1:00	H2O	1	X	X	X																		04
																										05

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 11/8/02	Time: [Signature]
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 11/8/02	Time: [Signature]
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 11/11/02	Time: 1050

SHELL Chain Of Custody Record

720 Olive Drive, Suite D
Davis, CA 95616

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

Shell Project Manager to be invoiced:

SCIENCE & ENGINEERING Karen Petryna
 TECHNICAL SERVICES
 GRANT HOUSTON

INCIDENT NUMBER (S&E ONLY)

9 8 9 9 5 7 5 1

SAP or CRMT NUMBER (TS/CRMT)

1 3 5 6 9 3

DATE: 11/8/02
PAGE: 1 of 1

SAMPLING COMPANY: Cambria Environmental Technologies
 LOG CODE: CETO
 SITE ADDRESS (Street and City): 630 High Street, Oakland CA
 GLOBAL ID NO.: T0600101273
 ADDRESS: 1144 65th Street, Oakland, CA
 EDI DELIVERABLE TO (Responsible Party or Designee): sheloaklandef@cambria-env.com
 PHONE NO.: (510) 420-3339
 E-MAIL: sdalie@cambria-env.com
 PROJECT CONTACT (Hardcopy or PDF Report to): Stewart Dalie
 Sample's Name: Stu Dalie
 TELEPHONE: (510) 420-3339 FAX: (510) 420-9170 E-MAIL: sdalie@cambria-env.com
 TURNAROUND TIME (BUSINESS DAYS): 24 HOURS

REQUESTED ANALYSIS

GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____
 SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED
 cc lab report to sdalie@cambria-env.com and jjones@cambria-env.com

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

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 (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 3416m)	Vapor Fixed Gases (ASTM D1846)	Test for Disposal (4B-)	TPH - Diesel, Extractable (8015m)	MTBE (8260B) Confirmation, See Note	TEMPERATURE ON RECEIPT C°
		DATE	TIME																					
	X-1c	11/8	1230	Soil	1	X	X	X														X	X	On ICE
	X-2	11/8	1235	Soil	1	X	X	X														X	X	↓
	X-3	11/8	1240	Soil	1	X	X	X														X	X	
	X-4	11/8	1242	Soil	1	X	X	X														X	X	
	X-H ₂ O	11/8	1100	H ₂ O	4	X	X	X														X	X	

Relinquished by: (Signature) [Signature] Received by: (Signature) SAFE LOCATION 6262 Hallis St Emeryville (Fidge)
 Date: 11/8/02 Time: [Signature]

Q&G Graphic (714) 898-9702

Stockpile Soil Analytical Data



Report Number : 29446

Date : 10/31/2002

Stu Dalie
Cambria Environmental Technology Inc
6262 Hollis Street
Emeryville, CA 94608

Subject : 8 Soil Samples
Project Name : 630 High Street, Oakland CA
Project Number : 204-0318
P.O. Number : 98995751

Dear Mr. Dalie,

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,

A handwritten signature in black ink that reads "Joel Kiff". The signature is written in a cursive style with a large initial "J".

Joel Kiff



Report Number : 29446

Date : 10/31/2002

Subject : 8 Soil Samples
Project Name : 630 High Street, Oakland CA
Project Number : 204-0318
P.O. Number : 98995751

Case Narrative

Matrix Spike/Matrix Spike Duplicate Results associated with samples SP-1(M,N,O,P), SP-1(E,F,G,H), SP-1(A,B,C,D), SP-1(I,J,K,L) for the analyte Methyl-t-butyl ether were affected by the analyte concentrations already present in the un-spiked sample.

Approved By:  _____
Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 916-297-4800



Report Number : 29446

Date : 10/31/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : SP(I,J,K,L)

Matrix : Soil

Lab Number : 29446-05

Sample Date :10/30/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/2002
Toluene - d8 (Surr)	92.6		% Recovery	EPA 8260B	10/31/2002
4-Bromofluorobenzene (Surr)	96.6		% Recovery	EPA 8260B	10/31/2002
TPH as Diesel	8.6	1.0	mg/Kg	M EPA 8015	10/31/2002
1-Chlorooctadecane (Diesel Surrogate)	73.1		% Recovery	M EPA 8015	10/31/2002

Approved By: Joel Kiff



Report Number : 29446

Date : 10/31/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : SP(M,N,O,P)

Matrix : Soil

Lab Number : 29446-10

Sample Date :10/30/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/2002
Toluene - d8 (Surr)	99.6		% Recovery	EPA 8260B	10/31/2002
4-Bromofluorobenzene (Surr)	97.9		% Recovery	EPA 8260B	10/31/2002
TPH as Diesel	19	1.0	mg/Kg	M EPA 8015	10/31/2002
1-Chlorooctadecane (Diesel Surrogate)	111		% Recovery	M EPA 8015	10/31/2002

Approved By: Joel Kiff

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



Report Number : 29446

Date : 10/31/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : SP(Q,R,S,T)

Matrix : Soil

Lab Number : 29446-15

Sample Date :10/30/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/2002
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	10/31/2002
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	10/31/2002
TPH as Diesel	71	1.0	mg/Kg	M EPA 8015	10/31/2002
1-Chlorooctadecane (Diesel Surrogate)	108		% Recovery	M EPA 8015	10/31/2002

Approved By: Joel Kiff



Report Number : 29446

Date : 10/31/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : SP(U,V,W,X)

Matrix : Soil

Lab Number : 29446-20

Sample Date : 10/30/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/2002
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	10/31/2002
4-Bromofluorobenzene (Surr)	99.7		% Recovery	EPA 8260B	10/31/2002
TPH as Diesel	10	1.0	mg/Kg	M EPA 8015	10/31/2002
1-Chlorooctadecane (Diesel Surrogate)	72.7		% Recovery	M EPA 8015	10/31/2002

Approved By: Joel Kiff

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



Report Number : 29446

Date : 10/31/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : SP-1(A,B,C,D)

Matrix : Soil

Lab Number : 29446-25

Sample Date :10/30/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/2002
Toluene - d8 (Surr)	99.5		% Recovery	EPA 8260B	10/31/2002
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	10/31/2002
TPH as Diesel	44	1.0	mg/Kg	M EPA 8015	10/31/2002
1-Chlorooctadecane (Diesel Surrogate)	111		% Recovery	M EPA 8015	10/31/2002

Approved By: Joel Kiff

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



Report Number : 29446

Date : 10/31/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : SP-1(E,F,G,H)

Matrix : Soil

Lab Number : 29446-30

Sample Date :10/30/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/2002
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	10/31/2002
4-Bromofluorobenzene (Surr)	98.9		% Recovery	EPA 8260B	10/31/2002
TPH as Diesel	22	1.0	mg/Kg	M EPA 8015	10/31/2002
1-Chlorooctadecane (Diesel Surrogate)	86.8		% Recovery	M EPA 8015	10/31/2002

Approved By:  Joel Kiff

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



Report Number : 29446

Date : 10/31/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : SP-1(I,J,K,L)

Matrix : Soil

Lab Number : 29446-35

Sample Date :10/30/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/2002
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	10/31/2002
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	10/31/2002
TPH as Diesel	1.9	1.0	mg/Kg	M EPA 8015	10/31/2002
1-Chlorooctadecane (Diesel Surrogate)	102		% Recovery	M EPA 8015	10/31/2002

Approved By: Joel Kiff

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



Report Number : 29446

Date : 10/31/2002

Project Name : 630 High Street, Oakland CA

Project Number : 204-0318

Sample : SP-1(M,N,O,P)

Matrix : Soil

Lab Number : 29446-40

Sample Date :10/30/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/2002
Toluene - d8 (Surr)	99.3		% Recovery	EPA 8260B	10/31/2002
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	10/31/2002
TPH as Diesel	9.6	1.0	mg/Kg	M EPA 8015	10/31/2002
1-Chlorooctadecane (Diesel Surrogate)	69.0		% Recovery	M EPA 8015	10/31/2002

Approved By:  Joel Kiff

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

Report Number : 29446

Date : 10/31/2002

QC Report : Method Blank Data

Project Name : **630 High Street, Oakland CA**

Project Number : **204-0318**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	10/31/2002
1-Chlorooctadecane (Diesel Surrogate)	77.0		%	M EPA 8015	10/31/2002
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/2002
Toluene - d8 (Surr)	98.9		%	EPA 8260B	10/31/2002
4-Bromofluorobenzene (Surr)	104		%	EPA 8260B	10/31/2002
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/31/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/31/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/31/2002
Toluene - d8 (Surr)	105		%	EPA 8260B	10/31/2002
4-Bromofluorobenzene (Surr)	97.6		%	EPA 8260B	10/31/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
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Approved By:  Joel Kiff

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

Report Number : 29446

Date : 10/31/2002

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : 630 High Street, Oakland

Project Number : 204-0318

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
TPH as Diesel	29446-05	8.6	20.0	20.0	29.2	28.0	mg/Kg	M EPA 8015	10/31/02	102	98.1	4.11	60-140	25
Benzene	29446-17	<0.0050	0.194	0.160	0.196	0.162	mg/Kg	EPA 8260B	10/31/02	101	101	0.198	70-130	25
Toluene	29446-17	<0.0050	0.194	0.160	0.194	0.161	mg/Kg	EPA 8260B	10/31/02	100	100	0.524	70-130	25
Tert-Butanol	29446-17	0.017	0.971	0.800	0.928	0.746	mg/Kg	EPA 8260B	10/31/02	93.8	91.1	2.97	70-130	25
Methyl-t-Butyl Ether	29446-17	0.039	0.194	0.160	0.206	0.166	mg/Kg	EPA 8260B	10/31/02	86.1	79.1	8.45	70-130	25
Benzene	29446-32	<0.0050	0.0399	0.0396	0.0341	0.0331	mg/Kg	EPA 8260B	10/31/02	85.4	83.6	2.25	70-130	25
Toluene	29446-32	<0.0050	0.0399	0.0396	0.0337	0.0326	mg/Kg	EPA 8260B	10/31/02	84.5	82.3	2.64	70-130	25
Tert-Butanol	29446-32	<0.0050	0.200	0.198	0.176	0.163	mg/Kg	EPA 8260B	10/31/02	88.4	82.2	7.28	70-130	25
Methyl-t-Butyl Ether	29446-32	0.23	0.0399	0.0396	0.224	0.208	mg/Kg	EPA 8260B	10/31/02	0.00	0.00	0.00	70-130	25

KIFF ANALYTICAL, LLC

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

Approved By: Joel Kiff



Report Number : 29446

Date : 10/31/2002

QC Report : Laboratory Control Sample (LCS)

Project Name : **630 High Street, Oakland**

Project Number : **204-0318**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
TPH as Diesel	20.0	mg/Kg	M EPA 8015	10/31/02	101	70-130
Benzene	0.0392	mg/Kg	EPA 8260B	10/31/02	98.0	70-130
Toluene	0.0392	mg/Kg	EPA 8260B	10/31/02	95.9	70-130
Tert-Butanol	0.196	mg/Kg	EPA 8260B	10/31/02	92.5	70-130
Methyl-t-Butyl Ether	0.0392	mg/Kg	EPA 8260B	10/31/02	95.6	70-130
Benzene	0.0394	mg/Kg	EPA 8260B	10/31/02	93.6	70-130
Toluene	0.0394	mg/Kg	EPA 8260B	10/31/02	91.8	70-130
Tert-Butanol	0.197	mg/Kg	EPA 8260B	10/31/02	97.9	70-130
Methyl-t-Butyl Ether	0.0394	mg/Kg	EPA 8260B	10/31/02	97.8	70-130

KIFF ANALYTICAL, LLC

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

Approved By:  _____
Joel Kiff



**Sequoia
Analytical**

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

31 October, 2002

Joel Kiff
Kiff Analytical
720 Olive Drive, Suite D
Davis, CA 95616

RE: 630 High Street, Oakland, CA
Sequoia Report: MLJ0876

Enclosed are the results of analyses for samples received by the laboratory on 10/31/02 10:33. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James Hartley
Project Manager

CA ELAP Certificate #1210



**Sequoia
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Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

Reported:
10/31/02 18:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
V-1 @17	MLJ0876-01	Soil	10/30/02 12:00	10/31/02 10:33
V-2 @17	MLJ0876-02	Soil	10/30/02 12:30	10/31/02 10:33
V-3 @17	MLJ0876-03	Soil	10/30/02 12:10	10/31/02 10:33
V-4 @17	MLJ0876-04	Soil	10/30/02 12:35	10/31/02 10:33
V-5 @17	MLJ0876-05	Soil	10/30/02 12:15	10/31/02 10:33
V-6 @17	MLJ0876-06	Soil	10/30/02 12:45	10/31/02 10:33
V-7 @17	MLJ0876-07	Soil	10/30/02 12:20	10/31/02 10:33
V-8 @17	MLJ0876-08	Soil	10/30/02 12:50	10/31/02 10:33
TP-1 @14'	MLJ0876-09	Soil	10/29/02 16:15	10/31/02 10:33
TP-2 @14'	MLJ0876-10	Soil	10/29/02 15:30	10/31/02 10:33
TP-3 @14'	MLJ0876-11	Soil	10/29/02 16:20	10/31/02 10:33
TP-4 @14'	MLJ0876-12	Soil	10/29/02 15:45	10/31/02 10:33
TP-5 @14'	MLJ0876-13	Soil	10/29/02 16:35	10/31/02 10:33
TP-6 @14'	MLJ0876-14	Soil	10/29/02 16:00	10/31/02 10:33
TP-7 @14'	MLJ0876-15	Soil	10/29/02 16:45	10/31/02 10:33
TP-8 @14'	MLJ0876-16	Soil	10/29/02 17:00	10/31/02 10:33
SP-(I,J,K,L)	MLJ0876-17	Soil	10/30/02 13:00	10/31/02 10:33
SP-(M,N,O,P)	MLJ0876-18	Soil	10/30/02 13:15	10/31/02 10:33
SP-(Q,R,S,T)	MLJ0876-19	Soil	10/30/02 13:30	10/31/02 10:33
SP-(U,V,W,X)	MLJ0876-20	Soil	10/30/02 13:45	10/31/02 10:33
SP1-(A,B,C,D)	MLJ0876-21	Soil	10/30/02 14:00	10/31/02 10:33
SP1-(E,F,G,H)	MLJ0876-22	Soil	10/30/02 14:15	10/31/02 10:33
SP1-(I,J,K,L)	MLJ0876-23	Soil	10/30/02 14:30	10/31/02 10:33
SP1-(M,N,O,P)	MLJ0876-24	Soil	10/30/02 14:45	10/31/02 10:33

Sequoia Analytical - Morgan Hill

James Hartley

James Hartley, Project Manager

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Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

Reported:
10/31/02 18:40

**Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
V-3 @17 (MLJ0876-03) Soil	Sampled: 10/30/02 12:10 Received: 10/31/02 10:33								
Lead	91	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
V-4 @17 (MLJ0876-04) Soil	Sampled: 10/30/02 12:35 Received: 10/31/02 10:33								
Lead	ND	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
V-5 @17 (MLJ0876-05) Soil	Sampled: 10/30/02 12:15 Received: 10/31/02 10:33								
Lead	ND	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
V-6 @17 (MLJ0876-06) Soil	Sampled: 10/30/02 12:45 Received: 10/31/02 10:33								
Lead	6.1	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
V-7 @17 (MLJ0876-07) Soil	Sampled: 10/30/02 12:20 Received: 10/31/02 10:33								
Lead	5.9	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
V-8 @17 (MLJ0876-08) Soil	Sampled: 10/30/02 12:50 Received: 10/31/02 10:33								
Lead	5.5	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
TP-1 @14' (MLJ0876-09) Soil	Sampled: 10/29/02 16:15 Received: 10/31/02 10:33								
Lead	ND	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	

Sequoia Analytical - Morgan Hill

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Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

Reported:
10/31/02 18:40

**Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 2J31012 - EPA 3050B									
Blank (2J31012-BLK1)									
					Prepared & Analyzed: 10/31/02				
Lead	ND	5.0	mg/kg						
LCS (2J31012-BS1)									
					Prepared & Analyzed: 10/31/02				
Lead	51.8	5.0	mg/kg	50.0		104	86-118		
Matrix Spike (2J31012-MS1)									
					Source: MLJ0754-15 Prepared & Analyzed: 10/31/02				
Lead	49.3	5.0	mg/kg	50.0	5.7	87.2	86-118		
Matrix Spike Dup (2J31012-MSD1)									
					Source: MLJ0754-15 Prepared & Analyzed: 10/31/02				
Lead	49.4	5.0	mg/kg	50.0	5.7	87.4	86-118	0.203	34

Sequoia Analytical - Morgan Hill

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Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

Reported:
10/31/02 18:40

Notes and Definitions

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



**Sequoia
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1 November, 2002

Joel Kiff
Kiff Analytical
720 Olive Drive, Suite D
Davis, CA 95616

RE: 630 High Street, Oakland, CA
Sequoia Work Order: MLJ0876

Enclosed are the results of analyses for samples received by the laboratory on 10/31/02
10:33. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James Hartley
Project Manager
CA ELAP Certificate #1210



**Sequoia
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Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

MLJ0876
Reported:
11/01/02 11:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
V-1 @17	MLJ0876-01	Soil	10/30/02 12:00	10/31/02 10:33
V-2 @17	MLJ0876-02	Soil	10/30/02 12:30	10/31/02 10:33
V-3 @17	MLJ0876-03	Soil	10/30/02 12:10	10/31/02 10:33
V-4 @17	MLJ0876-04	Soil	10/30/02 12:35	10/31/02 10:33
V-5 @17	MLJ0876-05	Soil	10/30/02 12:15	10/31/02 10:33
V-6 @17	MLJ0876-06	Soil	10/30/02 12:45	10/31/02 10:33
V-7 @17	MLJ0876-07	Soil	10/30/02 12:20	10/31/02 10:33
V-8 @17	MLJ0876-08	Soil	10/30/02 12:50	10/31/02 10:33
TP-1 @14'	MLJ0876-09	Soil	10/29/02 16:15	10/31/02 10:33
TP-2 @14'	MLJ0876-10	Soil	10/29/02 15:30	10/31/02 10:33
TP-3 @14'	MLJ0876-11	Soil	10/29/02 16:20	10/31/02 10:33
TP-4 @14'	MLJ0876-12	Soil	10/29/02 15:45	10/31/02 10:33
TP-5 @14'	MLJ0876-13	Soil	10/29/02 16:35	10/31/02 10:33
TP-6 @14'	MLJ0876-14	Soil	10/29/02 16:00	10/31/02 10:33
TP-7 @14'	MLJ0876-15	Soil	10/29/02 16:45	10/31/02 10:33
TP-8 @14'	MLJ0876-16	Soil	10/29/02 17:00	10/31/02 10:33
SP-(I,J,K,L)	MLJ0876-17	Soil	10/30/02 13:00	10/31/02 10:33
SP-(M,N,O,P)	MLJ0876-18	Soil	10/30/02 13:15	10/31/02 10:33
SP-(Q,R,S,T)	MLJ0876-19	Soil	10/30/02 13:30	10/31/02 10:33
SP-(U,V,W,X)	MLJ0876-20	Soil	10/30/02 13:45	10/31/02 10:33
SPI-(A,B,C,D)	MLJ0876-21	Soil	10/30/02 14:00	10/31/02 10:33
SPI-(E,F,G,H)	MLJ0876-22	Soil	10/30/02 14:15	10/31/02 10:33
SPI-(I,J,K,L)	MLJ0876-23	Soil	10/30/02 14:30	10/31/02 10:33
SPI-(M,N,O,P)	MLJ0876-24	Soil	10/30/02 14:45	10/31/02 10:33

Sequoia Analytical - Morgan Hill

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Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

MLJ0876
Reported:
11/01/02 11:59

**Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
V-1 @17 (MLJ0876-01) Soil Sampled: 10/30/02 12:00 Received: 10/31/02 10:33									
Lead	6.5	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
V-2 @17 (MLJ0876-02) Soil Sampled: 10/30/02 12:30 Received: 10/31/02 10:33									
Lead	ND	10	mg/kg	2	2J31012	10/31/02	10/31/02	EPA 6010B	R-01
V-3 @17 (MLJ0876-03) Soil Sampled: 10/30/02 12:10 Received: 10/31/02 10:33									
Lead	91	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
V-4 @17 (MLJ0876-04) Soil Sampled: 10/30/02 12:35 Received: 10/31/02 10:33									
Lead	ND	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
V-5 @17 (MLJ0876-05) Soil Sampled: 10/30/02 12:15 Received: 10/31/02 10:33									
Lead	ND	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
V-6 @17 (MLJ0876-06) Soil Sampled: 10/30/02 12:45 Received: 10/31/02 10:33									
Lead	6.1	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
V-7 @17 (MLJ0876-07) Soil Sampled: 10/30/02 12:20 Received: 10/31/02 10:33									
Lead	5.9	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
V-8 @17 (MLJ0876-08) Soil Sampled: 10/30/02 12:50 Received: 10/31/02 10:33									
Lead	5.5	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
TP-1 @14' (MLJ0876-09) Soil Sampled: 10/29/02 16:15 Received: 10/31/02 10:33									
Lead	ND	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	

Sequoia Analytical - Morgan Hill

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Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

MLJ0876
Reported:
11/01/02 11:59

**Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP-2 @14' (MLJ0876-10) Soil Sampled: 10/29/02 15:30 Received: 10/31/02 10:33									
Lead	ND	5.0	mg/kg	1	2J31012	10/31/02	11/01/02	EPA 6010B	
TP-3 @14' (MLJ0876-11) Soil Sampled: 10/29/02 16:20 Received: 10/31/02 10:33									
Lead	5.1	5.0	mg/kg	1	2J31012	10/31/02	11/01/02	EPA 6010B	
TP-4 @14' (MLJ0876-12) Soil Sampled: 10/29/02 15:45 Received: 10/31/02 10:33									
Lead	6.5	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
TP-5 @14' (MLJ0876-13) Soil Sampled: 10/29/02 16:35 Received: 10/31/02 10:33									
Lead	7.1	5.0	mg/kg	1	2J31033	10/31/02	10/31/02	EPA 6010B	
TP-6 @14' (MLJ0876-14) Soil Sampled: 10/29/02 16:00 Received: 10/31/02 10:33									
Lead	ND	10	mg/kg	2	2J31033	10/31/02	11/01/02	EPA 6010B	R-01
TP-7 @14' (MLJ0876-15) Soil Sampled: 10/29/02 16:45 Received: 10/31/02 10:33									
Lead	12	5.0	mg/kg	1	2J31033	10/31/02	10/31/02	EPA 6010B	
TP-8 @14' (MLJ0876-16) Soil Sampled: 10/29/02 17:00 Received: 10/31/02 10:33									
Lead	5.9	5.0	mg/kg	1	2J31033	10/31/02	11/01/02	EPA 6010B	
SP-(I,J,K,L) (MLJ0876-17) Soil Sampled: 10/30/02 13:00 Received: 10/31/02 10:33									
Lead	6.9	5.0	mg/kg	1	2J31033	10/31/02	11/01/02	EPA 6010B	
SP-(M,N,O,P) (MLJ0876-18) Soil Sampled: 10/30/02 13:15 Received: 10/31/02 10:33									
Lead	12	5.0	mg/kg	1	2J31033	10/31/02	10/31/02	EPA 6010B	

Sequoia Analytical - Morgan Hill

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Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

MLJ0876
Reported:
11/01/02 11:59

**Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-(Q,R,S,T) (MLJ0876-19) Soil Sampled: 10/30/02 13:30 Received: 10/31/02 10:33									
Lead	9.4	5.0	mg/kg	1	2J31033	10/31/02	10/31/02	EPA 6010B	
SP-(U,V,W,X) (MLJ0876-20) Soil Sampled: 10/30/02 13:45 Received: 10/31/02 10:33									
Lead	7.8	5.0	mg/kg	1	2J31033	10/31/02	10/31/02	EPA 6010B	
SP1-(A,B,C,D) (MLJ0876-21) Soil Sampled: 10/30/02 14:00 Received: 10/31/02 10:33									
Lead	ND	5.0	mg/kg	1	2J31033	10/31/02	11/01/02	EPA 6010B	
SP1-(E,F,G,H) (MLJ0876-22) Soil Sampled: 10/30/02 14:15 Received: 10/31/02 10:33									
Lead	6.7	5.0	mg/kg	1	2J31033	10/31/02	10/31/02	EPA 6010B	
SP1-(I,J,K,L) (MLJ0876-23) Soil Sampled: 10/30/02 14:30 Received: 10/31/02 10:33									
Lead	8.0	5.0	mg/kg	1	2J31033	10/31/02	11/01/02	EPA 6010B	
SP1-(M,N,O,P) (MLJ0876-24) Soil Sampled: 10/30/02 14:45 Received: 10/31/02 10:33									
Lead	8.1	5.0	mg/kg	1	2J31033	10/31/02	10/31/02	EPA 6010B	

Sequoia Analytical - Morgan Hill

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720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

MLJ0876
Reported:
11/01/02 11:59

**Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 2J31012 - EPA 3050B									
Blank (2J31012-BLK1)									
Prepared & Analyzed: 10/31/02									
Lead	ND	5.0	mg/kg						
Laboratory Control Sample (2J31012-BS1)									
Prepared & Analyzed: 10/31/02									
Lead	51.8	5.0	mg/kg	50.0		104 86-118			
Matrix Spike (2J31012-MS1)									
Source: MLJ0754-15 Prepared & Analyzed: 10/31/02									
Lead	49.3	5.0	mg/kg	50.0	5.7	87.2 86-118			
Matrix Spike Dup (2J31012-MSD1)									
Source: MLJ0754-15 Prepared & Analyzed: 10/31/02									
Lead	49.4	5.0	mg/kg	50.0	5.7	87.4 86-118	0.203	34	
Batch 2J31033 - EPA 3050B									
Blank (2J31033-BLK1)									
Prepared & Analyzed: 10/31/02									
Lead	ND	5.0	mg/kg						
Laboratory Control Sample (2J31033-BS1)									
Prepared & Analyzed: 10/31/02									
Lead	48.7	5.0	mg/kg	50.0		97.4 86-118			
Matrix Spike (2J31033-MS1)									
Source: MLJ0876-13 Prepared & Analyzed: 10/31/02									
Lead	51.4	5.0	mg/kg	50.0	7.1	88.6 86-118			
Matrix Spike Dup (2J31033-MSD1)									
Source: MLJ0876-13 Prepared & Analyzed: 10/31/02									
Lead	52.5	5.0	mg/kg	50.0	7.1	90.8 86-118	2.12	34	

Sequoia Analytical - Morgan Hill

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Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

MLJ0876
Reported:
11/01/02 11:59

Notes and Definitions

- R-01 The reporting limit for this analyte has been raised to account for matrix interference.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



2795 Second Street, Suite 300
 Davis, CA 95816
 Lab: 530.297.4800
 Fax: 530.297.4803

Sequoia
 Morgan Hill

Lab No. M630876

Project Contact (Hardcopy or PDF to): Joel Kiff EDF Report? Yes No Chain-of-Custody Record and Analysis Request

Company/Address: Kiff Analytical, LLC Recommended but not mandatory to complete this section:
 Phone No.: _____ FAX No.: _____ Sampling Company Log Code: _____
 Project Number: 204-0318 P.O. No.: 29447 Global ID: _____
 Project Name: 630 High Street, Oakland CA EDF Deliverable to (Email Address): _____
 Project Address: _____ E-mail address: inbox@kiffanalytical.com

Sample Designation	Sampling		Container			Preservative				Matrix		Lead TTIC	Date due:	For Lab Use Only
	Date	Time	Glass Jar	Poly	Amber	HCl	HNO3	ICE	NONE	WATER	SOIL			
V-1@17'	10/30/02	1200	1					X			X	X	X	01
V-2@17'	10/30/02	1230	1					X			X	X	X	02
V-3@17'	10/30/02	1210	1					X			X	X	X	03
V-4@17'	10/30/02	1235	1					X			X	X	X	04
V-5@17'	10/30/02	1215	1					X			X	X	X	05
V-6@17'	10/30/02	1245	1					X			X	X	X	06
V-7@17'	10/30/02	1220	1					X			X	X	X	07
V-8@17'	10/30/02	1250	1					X			X	X	X	08

Relinquished by: [Signature] Date: 10/30/02 Time: 1033 Received by: _____ Remarks: _____
 Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Incident#: 98995751
 Relinquished by: _____ Date: 10/30/02 Time: 1033 Received by Laboratory: [Signature] Bill to: Karen Petryna

PAGE 05
 KIFF ANALYTICAL
 530.297.4800
 11/01/2002 14:26



2795 Second Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4803

Lab No. 4130876 Page 1 of 1

Project Contact (Hardcopy or PDF to): Joel Kiff EDF Report? Yes No Chain-of-Custody Record and Analysis Request

Company/Address: Kiff Analytical, LLC Recommended but not mandatory to complete this section
 Phone No.: _____ FAX No.: _____ Sampling Company Log Code: _____
 Project Number: 204-0318 P.O. No.: 29448 Global ID: _____
 Project Name: 630 High Street, Oakland CA E-mail address: inbox@kiffanalytical.com
 Project Address: _____

Sample Designation	Sampling		Container				Preservative				Matrix		LEAD T/C	Date due:	For Lab Use Only
	Date	Time	Glass Jar	Poly	Amber	HCl	HNO3	ICE	NONE	WATER	SOIL				
TP-1@14'	10/29/02	415	1					X			X	X		X	9
TP-2@14'	10/29/02	330	1					X			X	X		X	10
TP-3@14'	10/29/02	420	1					X			X	X		X	11
TP-4@14'	10/29/02	345	1					X			X	X		X	12
TP-5@14'	10/29/02	435	1					X			X	X		X	13
TP-6@14'	10/29/02	400	1					X			X	X		X	14
TP-7@14'	10/29/02	445	1					X			X	X		X	15
TP-8@14'	10/29/02	500	1					X			X	X		X	16

Relinquished by: <u>[Signature]</u>	Date: <u>10/31/02</u>	Time: <u>10:33</u>	Received by: _____	Remarks:
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Incident# <u>98995751</u>
Relinquished by: _____	Date: <u>10/31/02</u>	Time: <u>10:33</u>	Received by Laboratory: <u>[Signature]</u>	Bill to: <u>Karen Petryna</u>



2795 Second Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4803

Sequoia Analytical
 Morgan Hill

11/3/02

Lab No. _____ Page ___ of ___

Project Contact (Hardcopy or PDF to): Joel Kiff EDF Report? Yes 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: _____

Phone No.: _____ FAX No.: _____ Global ID: _____
 Project Number: 204-0318 P.O. No.: 29448 EDF Deliverable to (Email Address): _____

Project Name: 630 High Street, Oakland CA E-mail address: inbox@kiffanalytical.com

Project Address: _____

Sample Designation	Sampling		Container				Preservative				Matrix		TTL/Lead	Date due:	For Lab Use Only
	Date	Time	Glass Jar	Poly	Amber	HCl	HNO3	ICE	NONE	WATER	SOIL				
SP(I,J,K,L)	10/30/02	1:00	1								X	X		X	17
SP(M,N,O,P)	10/30/02	1:15	1								X	X		X	18
SP(Q,R,S,T)	10/30/02	1:30	1								X	X		X	19
SP(U,V,W,X)	10/30/02	1:45	1								X	X		X	20
SP-1(A,B,C,D)	10/30/02	2:00	1								X	X		X	21
SP-1(E,F,G,H)	10/30/02	2:15	1								X	X		X	22
SP-1(I,J,K,L)	10/30/02	2:30	1								X	X		X	23
SP-1(M,N,O,P)	10/30/02	2:45	1								X	X		X	24

Relinquished by: <u>John Cutler / Kiff Analytical</u>	Date: <u>10/31/02</u>	Time: <u>10:33</u>	Received by: _____	Remarks: Incident # <u>98995751</u> Sent to: <u>Karen Petryna</u>
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	
Relinquished by: _____	Date: <u>10/31/02</u>	Time: <u>12:33</u>	Received by Laboratory: <u>[Signature]</u>	

Kiff Analytical, LLC

FACSIMILE COVER LETTER

DATE: November 1, 2002
TO: Stu Dalie
COMPANY: Cambria
FAX NO: 510-420-9170
FROM: Kiff Analytical

Total number of pages to follow: _____

Original to Follow? Yes No

Comments:

partial report from Sequoia Analytical
for 630 High Street, Oakland, CA.

Analytical Services

2795 Second Street, Suite 300
Davis, California 95616
Phone 530.297.4800 Fax 530.297.4808



**Sequoia
Analytical**

885 Jarvis Dr
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

1 November, 2002

Joel Kiff
Kiff Analytical
720 Olive Drive, Suite D
Davis, CA 95616

RE: 630 High Street, Oakland, CA
Sequoia Work Order: MLJ0876

Enclosed are the results of analyses for samples received by the laboratory on 10/31/02 10:33. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "James Hartley".

James Hartley
Project Manager
CA ELAP Certificate #1210



Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

MLJ0876
Reported:
11/01/02 11:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
V-2 @17	MLJ0876-02	Soil	10/30/02 12:30	10/31/02 10:33
V-3 @17	MLJ0876-03	Soil	10/30/02 12:10	10/31/02 10:33
V-4 @17	MLJ0876-04	Soil	10/30/02 12:35	10/31/02 10:33
V-5 @17	MLJ0876-05	Soil	10/30/02 12:15	10/31/02 10:33
V-6 @17	MLJ0876-06	Soil	10/30/02 12:45	10/31/02 10:33
V-7 @17	MLJ0876-07	Soil	10/30/02 12:20	10/31/02 10:33
V-8 @17	MLJ0876-08	Soil	10/30/02 12:50	10/31/02 10:33
TP-1 @14'	MLJ0876-09	Soil	10/29/02 16:15	10/31/02 10:33
TP-2 @14'	MLJ0876-10	Soil	10/29/02 15:30	10/31/02 10:33
TP-4 @14'	MLJ0876-12	Soil	10/29/02 15:45	10/31/02 10:33
TP-5 @14'	MLJ0876-13	Soil	10/29/02 16:35	10/31/02 10:33
TP-7 @14'	MLJ0876-15	Soil	10/29/02 16:45	10/31/02 10:33
SP-(M,N,O,P)	MLJ0876-18	Soil	10/30/02 13:15	10/31/02 10:33
SP-(Q,R,S,T)	MLJ0876-19	Soil	10/30/02 13:30	10/31/02 10:33
SP-(U,V,W,X)	MLJ0876-20	Soil	10/30/02 13:45	10/31/02 10:33
SPI-(E,F,G,H)	MLJ0876-22	Soil	10/30/02 14:15	10/31/02 10:33
SPI-(M,N,O,P)	MLJ0876-24	Soil	10/30/02 14:45	10/31/02 10:33

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.



**Sequoia
Analytical**

885 Jarvis Dr
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

MLJ0876
Reported:
11/01/02 11:06

**Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
V-2 @17 (MLJ0876-02) Soil	Sampled: 10/30/02 12:30 Received: 10/31/02 10:33								
Lead	ND	10	mg/kg	2	2J31012	10/31/02	10/31/02	EPA 6010B	
V-3 @17 (MLJ0876-03) Soil	Sampled: 10/30/02 12:10 Received: 10/31/02 10:33								
Lead	91	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
V-4 @17 (MLJ0876-04) Soil	Sampled: 10/30/02 12:35 Received: 10/31/02 10:33								
Lead	ND	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
V-5 @17 (MLJ0876-05) Soil	Sampled: 10/30/02 12:15 Received: 10/31/02 10:33								
Lead	ND	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
V-6 @17 (MLJ0876-06) Soil	Sampled: 10/30/02 12:45 Received: 10/31/02 10:33								
Lead	6.1	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
V-7 @17 (MLJ0876-07) Soil	Sampled: 10/30/02 12:20 Received: 10/31/02 10:33								
Lead	5.9	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
V-8 @17 (MLJ0876-08) Soil	Sampled: 10/30/02 12:50 Received: 10/31/02 10:33								
Lead	5.5	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
TP-1 @14' (MLJ0876-09) Soil	Sampled: 10/29/02 16:15 Received: 10/31/02 10:33								
Lead	ND	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
TP-2 @14' (MLJ0876-10) Soil	Sampled: 10/29/02 15:30 Received: 10/31/02 10:33								
Lead	ND	5.0	mg/kg	1	2J31012	10/31/02	11/01/02	EPA 6010B	

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.



Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

MLJ0876
Reported:
11/01/02 11:06

**Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP-4 @14' (MLJ0876-12) Soil Sampled: 10/29/02 15:45 Received: 10/31/02 10:33									
Lead	6.5	5.0	mg/kg	1	2J31012	10/31/02	10/31/02	EPA 6010B	
TP-5 @14' (MLJ0876-13) Soil Sampled: 10/29/02 16:35 Received: 10/31/02 10:33									
Lead	7.1	5.0	mg/kg	1	2J31033	10/31/02	10/31/02	EPA 6010B	
TP-7 @14' (MLJ0876-15) Soil Sampled: 10/29/02 16:45 Received: 10/31/02 10:33									
Lead	12	5.0	mg/kg	1	2J31033	10/31/02	10/31/02	EPA 6010B	
SP-(M,N,O,P) (MLJ0876-18) Soil Sampled: 10/30/02 13:15 Received: 10/31/02 10:33									
Lead	12	5.0	mg/kg	1	2J31033	10/31/02	10/31/02	EPA 6010B	
SP-(Q,R,S,T) (MLJ0876-19) Soil Sampled: 10/30/02 13:30 Received: 10/31/02 10:33									
Lead	9.4	5.0	mg/kg	1	2J31033	10/31/02	10/31/02	EPA 6010B	
SP-(U,V,W,X) (MLJ0876-20) Soil Sampled: 10/30/02 13:45 Received: 10/31/02 10:33									
Lead	7.8	5.0	mg/kg	1	2J31033	10/31/02	10/31/02	EPA 6010B	
SP1-(E,F,G,H) (MLJ0876-22) Soil Sampled: 10/30/02 14:15 Received: 10/31/02 10:33									
Lead	6.7	5.0	mg/kg	1	2J31033	10/31/02	10/31/02	EPA 6010B	
SP1-(M,N,O,P) (MLJ0876-24) Soil Sampled: 10/30/02 14:45 Received: 10/31/02 10:33									
Lead	8.1	5.0	mg/kg	1	2J31033	10/31/02	10/31/02	EPA 6010B	

Sequoia Analytical - Morgan Hill

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**Sequoia
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885 Jarvis Dr
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

MLJ0876
Reported:
11/01/02 11:06

**Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 2J31012 - EPA 3050B									
Blank (2J31012-BLK1)									
Lead	ND	5.0	mg/kg						Prepared & Analyzed: 10/31/02
Laboratory Control Sample (2J31012-BS1)									
Lead	51.8	5.0	mg/kg	50.0		104	86-118		Prepared & Analyzed: 10/31/02
Matrix Spike (2J31012-MS1)									
Lead	49.3	5.0	mg/kg	50.0	5.7	87.2	86-118		Source: MLJ0754-15 Prepared & Analyzed: 10/31/02
Matrix Spike Dup (2J31012-MSD1)									
Lead	49.4	5.0	mg/kg	50.0	5.7	87.4	86-118	0.203	34 Prepared & Analyzed: 10/31/02
Batch 2J31033 - EPA 3050B									
Blank (2J31033-BLK1)									
Lead	ND	5.0	mg/kg						Prepared & Analyzed: 10/31/02
Laboratory Control Sample (2J31033-BS1)									
Lead	48.7	5.0	mg/kg	50.0		97.4	86-118		Prepared & Analyzed: 10/31/02
Matrix Spike (2J31033-MS1)									
Lead	51.4	5.0	mg/kg	50.0	7.1	88.6	86-118		Source: MLJ0876-13 Prepared & Analyzed: 10/31/02
Matrix Spike Dup (2J31033-MSD1)									
Lead	52.5	5.0	mg/kg	50.0	7.1	90.8	86-118	2.12	34 Prepared & Analyzed: 10/31/02

Sequoia Analytical - Morgan Hill

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885 Jarvis Dr
Morgan Hill, CA 95037
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FAX (408) 782-6308
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Kiff Analytical
720 Olive Drive, Suite D
Davis CA, 95616

Project: 630 High Street, Oakland, CA
Project Number: 630 High Street, Oakland, CA
Project Manager: Joel Kiff

MLJ0876
Reported:
11/01/02 11:06

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.



2795 Second Street, Suite 300
 Davis, CA 95816
 Lab: 530.297.4800
 Fax: 530.297.4803

Sequoia
 Morgan Hill

Lab No. ML30872

Project Contact (Hardcopy or PDF to): Joel Kiff EDF Report? Yes No Chain-of-Custody Record and Analysis Request

Company/Address: Kiff Analytical, LLC Recommended but not necessary to complete this section:

Phone No.: FAX No.: Sampling Company Log Code:

Project Number: 204-0318 P.O. No.: 29447 Global ID:

Project Name: 630 High Street, Oakland CA EDF Deliverable to (Email Address):

Project Address: 630 High Street, Oakland CA E-mail address: inbox@kiffanalytical.com

Sample Designation	Sampling		Container				Preservative				Matrix		Load T/LC	Date due:	For Lab Use Only
	Date	Time	Glass Jar	Poly	Amber	HCl	HNO3	ICE	NONE	WATER	SOIL				

V-1@17'	10/30/02	1200	1					X			X	X		X	01
V-2@17'	10/30/02	1230	1					X			X	X		X	02
V-3@17'	10/30/02	1210	1					X			X	X		X	03
V-4@17'	10/30/02	1235	1					X			X	X		X	04
V-5@17'	10/30/02	1215	1					X			X	X		X	05
V-6@17'	10/30/02	1245	1					X			X	X		X	06
V-7@17'	10/30/02	1220	1					X			X	X		X	07
V-8@17'	10/30/02	1250	1					X			X	X		X	08

Relinquished by: Joel Kiff Date: 10/30/02 Time: 1033 Received by:

Relinquished by: Date: Time: Received by:

Relinquished by: Date: 10/2/02 Time: 1033 Received by Laboratory:

Remarks:

Incident #: 98996751

Bill to: Karen Petryna



2795 Second Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4803

Lab No. MLJ0876 Page 1 of 1

Project Contact (Hardcopy or PDF to): Joel Kiff EDF Report? Yes No Chain-of-Custody Record and Analysis Request

Company/Address: Kiff Analytical, LLC Recommended but not mandatory to complete this section
 Phone No.: FAX No.: Sampling Company Log Code:
 Project Number: 204-0318 P.O. No.: 29448 Global ID:
 Project Name: 630 High Street, Oakland CA E-mail address: inbox@kiffanalytical.com
 Project Address:

Sample Designation	Sampling		Container				Preservative				Matrix		LEAD TLIC	Date due:	For Lab Use Only
	Date	Time	Glass jar	Poly	Amber	HCl	HNO3	ICE	NONE	WATER	SOIL				
TP-1@14'	10/29/02	415	1					X			X	X	X	X	09
TP-2@14'	10/29/02	330	1					X			X	X	X	X	10
TP-3@14'	10/29/02	420	1					X			X	X	X	X	11
TP-4@14'	10/29/02	345	1					X			X	X	X	X	12
TP-5@14'	10/29/02	435	1					X			X	X	X	X	13
TP-6@14'	10/29/02	400	1					X			X	X	X	X	14
TP-7@14'	10/29/02	445	1					X			X	X	X	X	15
TP-8@14'	10/29/02	500	1					X			X	X	X	X	16

Relinquished by: [Signature] Date: 10/31/02 Time: 1033 Received by: Remarks:
 Relinquished by: Date: Time: Received by: Incident#: 98995751
 Relinquished by: Date: 10/31/02 Time: 1033 Received by Laboratory: [Signature] Bill to: Karen Petryna



2795 Second Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4803

Sequoia Analytical
 Morgan Hill

1130876

Lab No. _____ Page ____ of ____

Project Contact (Hardcopy or PDF to): Joel Kiff EDF Report? Yes No Chain-of-Custody Record and Analysis Request

Company/Address: Kiff Analytical, LLC Recommended but not mandatory to complete this section:
 Phone No.: _____ FAX No.: _____ Sampling Company Log Code: _____
 Project Number: 204-0318 P.O. No.: 29446 Global ID: _____
 Project Name: 630 High Street, Oakland CA EDF Deliverable to (Email Address): _____
 E-mail address: inbox@kiffanalytical.com

Sample Designation	Sampling		Container			Preservative				Matrix		TTL Lead	Date due:	For Lab Use Only
	Date	Time	Glass Jar	Poly	Amber	HCl	HNO3	ICE	NONE	WATER	SOIL			
SP(I,J,K,L)	10/30/02	1:00	1								X	X	X	17
SP(M,N,O,P)	10/30/02	1:15	1								X	X	X	18
SP(Q,R,S,T)	10/30/02	1:30	1								X	X	X	19
SP(U,V,W,X)	10/30/02	1:45	1								X	X	X	20
SP-1(A,B,C,D)	10/30/02	2:00	1								X	X	X	21
SP-1(E,F,G,H)	10/30/02	2:15	1								X	X	X	22
SP-1(I,J,K,L)	10/30/02	2:30	1								X	X	X	23
SP-1(M,N,O,P)	10/30/02	2:45	1								X	X	X	24

Relinquished by: <u>John Kiff</u>	Date: <u>10/30/02</u>	Time: <u>1:03</u>	Received by: _____	Remarks: Incident # <u>98995751</u> Bill to: <u>Karen Petryna</u>
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	
Relinquished by: _____	Date: <u>10/30/02</u>	Time: <u>1:03</u>	Received by Laboratory: <u>[Signature]</u>	



Report Number : 29421

Date : 10/30/2002

Stu Dalie
Cambria Environmental Technology Inc
6262 Hollis Street
Emeryville, CA 94608

Subject : 10 Soil Samples
Project Name : 630 High Street, Oakland, CA
Project Number : 204-0318
P.O. Number : 98995751

Dear Mr. Dalie,

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,

A handwritten signature in black ink that reads "Joel Kiff". The signature is written in a cursive style with a large initial "J".

Joel Kiff



Report Number : 29421

Date : 10/30/2002

Project Name : 630 High Street, Oakland, CA

Project Number : 204-0318

Sample : SP A

Matrix : Soil

Lab Number : 29421-01

Sample Date :10/29/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/30/2002
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	10/30/2002

Sample : SP B

Matrix : Soil

Lab Number : 29421-02

Sample Date :10/29/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	1.8	1.0	mg/Kg	EPA 8260B	10/30/2002
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	10/30/2002

Sample : SP C

Matrix : Soil

Lab Number : 29421-03

Sample Date :10/29/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/30/2002
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	10/30/2002

Approved By: Joel Kiff

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



Report Number : 29421

Date : 10/30/2002

Project Name : 630 High Street, Oakland, CA

Project Number : 204-0318

Sample : SP D

Matrix : Soil

Lab Number : 29421-04

Sample Date :10/29/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	2.1	1.0	mg/Kg	EPA 8260B	10/30/2002
4-Bromofluorobenzene (Surr)	88.8		% Recovery	EPA 8260B	10/30/2002

Sample : SP (A,B,C,D)

Matrix : Soil

Lab Number : 29421-05

Sample Date :10/29/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/30/2002
Toluene	0.013	0.005	mg/Kg	EPA 8260B	10/30/2002
Ethylbenzene	0.0058	0.005	mg/Kg	EPA 8260B	10/30/2002
Total Xylenes	0.051	0.005	mg/Kg	EPA 8260B	10/30/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/30/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/30/2002
Toluene - d8 (Surr)	98.4		% Recovery	EPA 8260B	10/30/2002
4-Bromofluorobenzene (Surr)	99.3		% Recovery	EPA 8260B	10/30/2002
TPH as Diesel	230	1.0	mg/Kg	M EPA 8015	10/30/2002
1-Chlorooctadecane (Diesel Surrogate)	79.6		% Recovery	M EPA 8015	10/30/2002

Approved By: Joel Kiff

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



Report Number : 29421

Date : 10/30/2002

Project Name : 630 High Street, Oakland, CA

Project Number : 204-0318

Sample : SP E

Matrix : Soil

Lab Number : 29421-06

Sample Date :10/29/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/29/2002
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	10/29/2002

Sample : SP F

Matrix : Soil

Lab Number : 29421-07

Sample Date :10/29/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/29/2002
4-Bromofluorobenzene (Surr)	88.8		% Recovery	EPA 8260B	10/29/2002

Sample : SP G

Matrix : Soil

Lab Number : 29421-08

Sample Date :10/29/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/30/2002
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	10/30/2002

Approved By:  Joel Kiff

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



Report Number : 29421

Date : 10/30/2002

Project Name : 630 High Street, Oakland, CA

Project Number : 204-0318

Sample : SP H

Matrix : Soil

Lab Number : 29421-09

Sample Date :10/29/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	2.9	1.0	mg/Kg	EPA 8260B	10/30/2002
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	10/30/2002

Sample : SP (E,F,G,H)

Matrix : Soil

Lab Number : 29421-10

Sample Date :10/29/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/30/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/30/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/30/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/30/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/30/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/30/2002
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	10/30/2002
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	10/30/2002
TPH as Diesel	24	1.0	mg/Kg	M EPA 8015	10/30/2002
1-Chlorooctadecane (Diesel Surrogate)	70.3		% Recovery	M EPA 8015	10/30/2002

Approved By:  Joel Kiff

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

Report Number : 29421

Date : 10/30/2002

QC Report : Method Blank Data

Project Name : **630 High Street, Oakland, CA**

Project Number : **204-0318**

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	10/30/2002
1-Chlorooctadecane (Diesel Surrogate)	75.5		%	M EPA 8015	10/30/2002
Benzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/29/2002
Toluene	< 0.005	0.005	mg/Kg	EPA 8260B	10/29/2002
Ethylbenzene	< 0.005	0.005	mg/Kg	EPA 8260B	10/29/2002
Total Xylenes	< 0.005	0.005	mg/Kg	EPA 8260B	10/29/2002
Methyl-t-butyl ether (MTBE)	< 0.5	0.5	mg/Kg	EPA 8260B	10/29/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	10/29/2002
Toluene - d8 (Surr)	98.9		%	EPA 8260B	10/29/2002
4-Bromofluorobenzene (Surr)	101		%	EPA 8260B	10/29/2002

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
------------------	-----------------------	-------------------------------	--------------	------------------------	----------------------

KIFF ANALYTICAL, LLC

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

Approved By: Joel Kiff



Report Number : 29421

Date : 10/30/2002

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **630 High Street, Oakland,**

Project Number : **204-0318**

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
TPH as Diesel	29346-04	<1.0	20.0	20.0	18.2	16.8	mg/Kg	M EPA 8015	10/30/02	91.0	83.9	8.09	60-140	25
Benzene	29384-01	<0.0050	0.0413	0.0405	0.0384	0.0360	mg/Kg	EPA 8260B	10/29/02	92.9	89.0	4.34	70-130	25
Toluene	29384-01	<0.0050	0.0413	0.0405	0.0346	0.0323	mg/Kg	EPA 8260B	10/29/02	83.7	79.8	4.77	70-130	25
Tert-Butanol	29384-01	<0.0050	0.207	0.202	0.184	0.173	mg/Kg	EPA 8260B	10/29/02	88.8	85.4	3.98	70-130	25
Methyl-t-Butyl Ether	29384-01	<0.0050	0.0413	0.0405	0.0408	0.0394	mg/Kg	EPA 8260B	10/29/02	98.7	97.2	1.48	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 29421

Date : 10/30/2002

QC Report : Laboratory Control Sample (LCS)

Project Name : 630 High Street, Oakland,

Project Number : 204-0318

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
TPH as Diesel	20.0	mg/Kg	M EPA 8015	10/30/02	115	70-130
Benzene	0.0400	mg/Kg	EPA 8260B	10/29/02	86.0	70-130
Toluene	0.0400	mg/Kg	EPA 8260B	10/29/02	84.5	70-130
Tert-Butanol	0.200	mg/Kg	EPA 8260B	10/29/02	90.4	70-130
Methyl-t-Butyl Ether	0.0400	mg/Kg	EPA 8260B	10/29/02	97.2	70-130

KIFF ANALYTICAL, LLC

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

Approved By:  Joel Kiff

**Calscience
Environmental
Laboratories, Inc.**

*Org Pb started
on SP(A,B,C,D)*

October 30, 2002

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-8593

Subject: Calscience Work Order No.: 02-10-1791
Client Reference: 630 High Street, Oakland CA

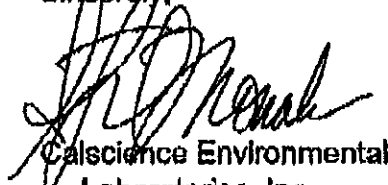
Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 10/30/2002 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: 10/30/02
 Work Order No: 02-10-1791
 Preparation: Total Digestion
 Method: EPA 6010B

Project: 630 High Street, Oakland CA

Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SP (A,B,C,D)	02-10-1791-1	10/29/02	Solid	10/30/02	10/30/02	021030L01A

Parameter	Result	RL	DF	Qual	Units
Lead	15.9	0.5	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SP (E,F,G,H)	02-10-1791-2	10/29/02	Solid	10/30/02	10/30/02	021030L01A

Parameter	Result	RL	DF	Qual	Units
Lead	5.45	0.50	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	097-01-082(3,746)	N/A	Solid	10/30/02	10/30/02	021030L01A

Parameter	Result	RL	DF	Qual	Units
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 95618-6593

Date Received: 10/30/02
Work Order No: 02-10-1791
Preparation: Total Digestion
Method: EPA 6010B

Project: 630 High Street, Oakland CA

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-3,746	Solid	ICP 3300	10/30/02	021030-I-01	021030L01A

Parameter	Conc Added	Conc Recovered	%Rec	%Rec CL	Qualified
Lead	50.0	53.0	106	80-120	

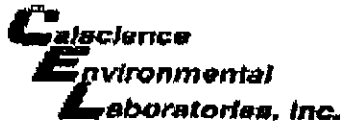


GLOSSARY OF TERMS AND QUALIFIERS

Work Order Number: 02-10-1791

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

A handwritten signature in black ink, appearing to be "Michael M. ...", is located in the bottom left corner of the page.



WORK ORDER #: 02-10-1791

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Kiff

DATE: 10/30/02

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
Chilled, cooler without temperature blank.
Chilled and placed in cooler with wet ice.
Ambient and placed in cooler with wet ice.
Ambient temperature.
°C Temperature blank.

LABORATORY (Other than Calscience Courier):

- 3 °C Temperature blank.
°C IR thermometer.
Ambient temperature.

Initial: [Signature]

CUSTODY SEAL INTACT:

Sample(s): Cooler: [checked] No (Not Intact): Not Applicable (N/A):

Initial: [Signature]

SAMPLE CONDITION:

Table with 4 columns: Description, Yes, No, N/A. Rows include Chain-Of-Custody document(s), Sample container label(s), Sample container(s) intact, Correct containers for analyses, Proper preservation noted, VOA vial(s) free of headspace, Tedlar bag(s) free of condensation.

Initial: [Signature]

COMMENTS:

Blank lines for handwritten comments.



2795 Second Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4803

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

Lab No. 1791

Project Contact (Hardcopy or PDF to): Joel Kiff EDF Report? Yes No Chain-of-Custody Record and Analysis Request

Company/Address: Kiff Analytical, LLC Recommended but not mandatory to complete this section:
 Phone No.: FAX No.: Sampling Company Log Code:
 Project Number: 204-0318 P.O. No.: 29421 Global ID:
 Project Name: 630 High Street, Oakland CA EDF Deliverable to (Email Address):
 E-mail address: inbox@kiffanalytical.com

Sample Designation	Sampling		Container				Preservative				Matrix		TTLc Lead	STLc Lead if TTLc => 50 Mg/KG	ORGANIC Lead if TTLc => 13 MG/KG	TCLP Lead if STLc => 5.0 MG/L	Date due:	For Lab Use Only
	Date	Time	Glass Jar	Poly	Amber	HCl	HNO3	ICE	NONE	WATER	SOIL							
SP (A,B,C,D)	10/29/02	1000	1					X				X	X	X	X		X	
SP (E,F,G,H)	10/29/02	1030	1					X				X	X	X	X		X	

Relinquished by: <u>Rob E. Wip</u>	Date: <u>10/29/02</u>	Time: <u>1812</u>	Received by:	Remarks: <u>Return Shipped Coolers</u> <u>Rush TAT approved by Steve Nowak.</u>	
Relinquished by:	Date:	Time:	Received by:		Incident#: <u>98995751</u>
Relinquished by:	Date: <u>10/29/02</u>	Time: <u>0930</u>	Received by Laboratory: <u>[Signature]</u>		Bill to:

TOTAL P. 06

OCT-30-2002 16:10 CALSCIENCE 714 894 7501 P.06/06

SHELL Chain Of Custody Record

720 Olive Drive, Suite D
Davis, CA 95616

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

Shell Project Manager to be invoiced:

SCIENCE & ENGINEERING Karen Petryna
 TECHNICAL SERVICES
 CRMT HOUSTON

29421

INCIDENT NUMBER (S&E ONLY)

9 8 9 9 5 7 5 1

SAP or CRMT NUMBER (TS/CRMT)

1 3 5 6 9 3

DATE:

PAGE: 1 of

SAMPLING COMPANY: Cambria Environmental Technologies		LOG CODE:	SITE ADDRESS (Street and City): 630 High Street, Oakland CA		GLOBAL ID NO.:
ADDRESS: 1144 65th Street, Oakland, CA		EDF DELIVERABLE TO (Responsible Party or Designee):		PHONE NO.:	E-MAIL:
PROJECT CONTACT (Hardcopy or PDF Report to): Stewart Dalie		Sampler's Name: Stu Dalie		CONSULTANT PROJECT NO.: 204-0318	
TELEPHONE: (510) 420-3339	FAX: (510) 420-9170	E-MAIL: sdalie@cambria-env.com		LAB USE ONLY	

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

REQUESTED ANALYSIS

LA - RWQCB REPORT FORMAT UST AGENCY:

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

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED

Please Composite, 2 cpt composites

cc lab report to sdalie@cambria-env.com and jjones@cambria-env.com
pineda@shell.com

TPH - Gas, Purgeable	BTEX	MTBE (8021B - 6ppb RL)	MTBE (8280B - 0.5ppb RL)	Oxygenates (S) by (8260B)	Ethanol (8260B)	Methanol	EDB & 1,2-DCA (8280B)	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 3416m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal (48-28)	TPH - Diesel, Extractable (8015m)	MTBE (8280B) Confirmation, See Note
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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.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 6ppb RL)	MTBE (8280B - 0.5ppb RL)	Oxygenates (S) by (8260B)	Ethanol (8260B)	Methanol	EDB & 1,2-DCA (8280B)	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 3416m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal (48-28)	TPH - Diesel, Extractable (8015m)	MTBE (8280B) Confirmation, See Note	TEMPERATURE ON RECEIPT C°	
	DATE	TIME																								
	SP (A, B, C, D)	10/29	10 ⁰⁰	Soil	4	X	X	X																		-01, 02, 03 On ICE 04, 05
	SP (E, F, G, H)	10/29	10 ³⁰	Soil	4	X	X	X																		-06, 07, 08, 09, 10

Relinquished by: (Signature) <i>Stu Dalie</i>	Received by: (Signature) <i>SAFE LOCATION/ONSITE OCCUP</i>	Date: 10/29/07	Time: 1208
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature) <i>D. X. Branson</i>	Date: 10 29 07	Time: 1155

Calscience
Environmental
Laboratories, Inc.

October 30, 2002

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

Subject: **Calscience Work Order No.:** 02-10-1791
Client Reference: 630 High Street, Oakland CA


Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 10/30/2002 and analyzed in accordance with the attached chain-of-custody.

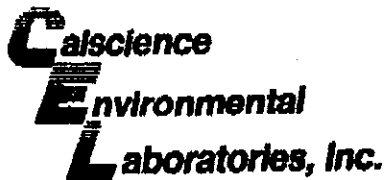
Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows 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	Date Received:	10/30/02
2795 2nd Street, Suite 300	Work Order No:	02-10-1791
Davis, CA 95616-6593	Preparation:	DHS LUFT
	Method:	DHS LUFT

Project: 630 High Street, Oakland CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SP (A,B,C,D)	02-10-1791-1	10/28/02	solid	10/31/02	10/31/02	021031L04

Parameter	Result	RL	DF	Qual	Units
Organic Lead	ND	1.00	1		mg/Kg
Method Blank		099-10-020-24	N/A		solid

Parameter	Result	RL	DF	Qual	Units
Organic Lead	ND	1.00	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



ANALYTICAL REPORT

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6693

Date Received: 10/30/02
Work Order No: 02-10-1791
Preparation: Total Digestion
Method: EPA 6010B

Project: 630 High Street, Oakland CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SP (A,B,C,D)	02-10-1791-1	10/29/02	Solid	10/30/02	10/30/02	021030L01A

Parameter	Result	RL	DF	Qual	Units
Lead	15.9	0.5	1		mg/kg
SP (E,F,G,H)					

Parameter	Result	RL	DF	Qual	Units
Lead	5.45	0.50	1		mg/kg
Method Blank					

Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.500	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



Quality Control - Laboratory Control Sample

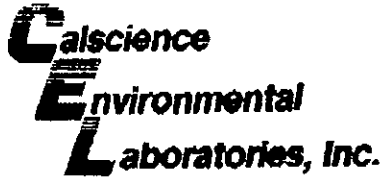
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95816-8593

Date Received: 10/30/02
Work Order No: 02-10-1791
Preparation: Total Digestion
Method: EPA 6010B

Project: 630 High Street, Oakland CA

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-3,748	soil	ICP 3300	10/30/02	021030-1-01	021030L01A

Parameter	Conc Added	Conc Recovered	%Rec	%Rec CL	Qualifiers
Lead	50.0	53.0	106	80-120	



Quality Control - Spike/Spike Duplicate

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

Date Received: 10/30/02
Work Order No: 02-10-1791
Preparation: DHS LUFT
Method: DHS LUFT

Project: 630 High Street, Oakland CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SR (A,B,C,D)	Solid	FLAA	10/31/02	10/21/02	021031504

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Organic Lead	78	81	50-130	4	0-20	



Quality Control - Laboratory Control Sample

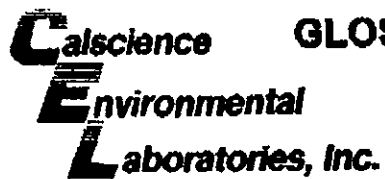
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 10/30/02
Work Order No: 02-10-1791
Preparation: DHS LUFT
Method: DHS LUFT

Project: 830 High Street, Oakland CA

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-10-020-24	Soil	FLAA	10/31/02	NONE	021031L04

Parameter	Conc Added	Conc Recovered	%Rec	%Rec CL	Qualifiers
Organic Lead	25.0	18.0	76	50-130	



GLOSSARY OF TERMS AND QUALIFIERS

Work Order Number: 02-10-1791

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

A handwritten signature in black ink, appearing to be "M. M. M.", is located at the bottom left of the page.



WORK ORDER #: 02-10-1791

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Kiff

DATE: 10/30/02

TEMPERATURE -- SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
Chilled, cooler without temperature blank.
Chilled and placed in cooler with wet ice.
Ambient and placed in cooler with wet ice.
Ambient temperature.
°C Temperature blank.

LABORATORY (Other than CalScience Courier):

- 3 °C Temperature blank.
°C IR thermometer.
Ambient temperature.

Initial: [Signature]

CUSTODY SEAL INTACT:

Sample(s): Cooler: [checked] No (Not Intact): Not Applicable (N/A): Initial: [Signature]

SAMPLE CONDITION:

Table with 4 columns: Item, Yes, No, N/A. Rows include Chain-Of-Custody document(s), Sample container label(s), Sample container(s) intact, Correct containers for analyses, Proper preservation noted, VOA vial(s) free of headspace, Tedlar bag(s) free of condensation.

Initial: [Signature]

COMMENTS:

Blank lines for handwritten comments.



2795 Second Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4803

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

Lab No. 1791 Page 1 of 1

Project Contact (Hardcopy or PDF to): **Joel Kiff** EDF Report? Yes No Chain-of-Custody Record and Analysis Request

Company/Address: **Kiff Analytical, LLC** Recommended but not mandatory to complete this section:
 Phone No.: FAX No.: Global ID:
 Project Number: **204-0318** P.O. No.: **29421** EDF Deliverable to (Email Address):
 Project Name: **630 High Street, Oakland CA** E-mail address: **inbox@kiffanalytical.com**

Sample Designation	Sampling		Container				Preservative				Matrix		TTLc Lead	STLc Lead if TTLc >= 50 Mg/KG	ORGANIC Lead if TTLc >= 13 MG/KG	TCLP Lead if STLc >= 5.0 MG/L	Data due:	For Lab Use Only
	Date	Time	Class Jar	Poly	Amber	HCl	HNO3	ICE	NONE	WATER	SOIL							
SP (A,B,C,D)	10/29/02	1000	1					X			X	X	X	X			X	
SP (E,F,G,H)	10/29/02	1030	1					X			X	X	X	X			X	

Relinquished by: <i>Joel Kiff</i>	Date: 10/29/02	Time: 1812	Received by:	Remarks: Return Shipped Coolers Rvsh TAT approved by Steve Nowak. Incident#: 98995751 Bill to:
Relinquished by:	Date:	Time:	Received by:	
Relinquished by:	Date: 10/29/02	Time: 0830	Received by Laboratory: <i>[Signature]</i>	

TOTPL P.09

DOCT-31-2002 16:01 CALSCIENCE 714 894 7501 P.09/09

ATTACHMENT C

Soil Disposal Confirmation




Disposal Confirmation

Request for Transportation Received:

	Consultant Information
Company:	Cambria Environmental
Contact:	Stewart Dalie
Phone:	510.420.3339
Fax:	510.420.9170
	Site Information
Station #:	
Street Address:	630 High Street
City, State, Zip:	Oakland, CA 94601
Customer:	Shell Oil Company RESA- 500038171
RIPR #:	17721
SAP# / Location:	135693
Incident #:	98995751
Location / WIC #:	N/A
Environmental Engineer:	Karen Petryna
Material Description:	Soil
Estimated Quantity:	300 tons
Service Requested Date:	11/05/02
Disposal Facility:	Allied Waste / Forward Landfill
Contact:	Joe Griffith
Phone #:	1.800.204.4242
Approval #:	2574
Date of Disposal:	11/5/02 through 12/09/02
Actual Tonnage:	1,610.91 tons
Transporter:	DenBeste Transportation, Inc.
Contact:	Lori DenBeste
Phone #:	707.838.1407
Fax #:	707.838.7947
Invoice #:	
Date of Invoice:	

820 DenBeste Court • Windsor, CA 95492
 phone number (707) 838-1407 • fax number (707) 838-7947



ATTACHMENT D

Groundwater Disposal Bill of Ladings

ATTENTION SHIPPERS!

FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT.

This Memorandum

is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper No. **GRW 4239**

Page **1** of **1**

ONIX INDUSTRIAL SERVICES
(Name of carrier) (SCAC)

Carrier No. _____

Date **10-30-02**

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.

TO: **Shell Oil Products US**
Consignee **MARTINEZ REFINERY**
Street **1801 MARINA VISTA**
City **MARTINEZ** State **CA** Zip Code **94553**

FROM: Shipper **SHELL SERVICE STATION**
Street **630 HIGH STREET**
City **OAKLAND** State **CA** Zip Code _____
24 hr. Emergency Contact Tel. No. **CHEMTREC 800-424-9300**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class, Identification Number (UN or NA), Packing Group, per 172.101, 172.202, 172.203	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
4 ITT		NON-HAZARDOUS GROUNDWATER	3000 GALS 2500 GALS OST			
		Contains water with < 10% oil bearing materials and may include extracted groundwater from service station facilities that would be non-hazardous under federal and state waste classification criteria.				
		SOP US Martinez Refinery Receiving Gate to direct driver to the Effluent Treatment Plant Operator (x3202) for off loading directions.				
		SAP/INCIDENT #: 9895751/135813				
		RIPR #: 17698				

PLACARDS TENDERED: YES NO

Note—(1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability and a value declaration by the shipper and the shipper does not elect to increase the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowage must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

REMIT C.O.D. TO: ADDRESS
COD Amt. \$ _____
Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
Signature _____
(Signature of Consignor)

C.O.D. FEE: PREPAID COLLECT \$ _____
TOTAL CHARGES \$ _____
FREIGHT CHARGES: FREIGHT PREPAID except when box at right is checked. Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER **Shell Oil Products US**
BY **Robert Spivey** ON BEHALF OF SHELL / EQUILON
RECEIVING SITE SIGNATURE / DATE: _____

CARRIER **ONIX INDUSTRIAL SERVICES**
PER **Robert Spivey**
DATE **10-30-02**

3

This Memorandum

is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper No. GRW 4277

Carrier No. _____

Page 1 of 1

OUYX INDUSTRIAL SERVICE
(Name of carrier) (SCAC)

Date 10-30-02

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.

TO: **Shell Oil Products US**
Consignee **MARTINEZ REFINERY**
Street **1801 MARINA VISTA**
City **MARTINEZ** State **CA** Zip Code **94553**

FROM: SHELL STATION
Shipper
Street 630 HIGH STREET
City OAKLAND State **CA** Zip Code _____
24 hr. Emergency Contact Tel. No. **CHEMTREC 800-424-9300**

Route _____ Vehicle Number _____

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class, Identification Number (UN or NA), Packing Group, per 172.101, 172.202, 172.203	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
<u>111</u>		NON-HAZARDOUS GROUNDWATER	<u>40 GALLONS</u> <u>FEST</u>	<u>3650</u> <u>LIBS</u>		
		Contains water with < 10% oil bearing materials and may include extracted groundwater from service station facilities that would be non-hazardous under federal and state waste classification criteria.	<u>5000 GALLONS</u> <u>FEST</u>			
		SOP US Martinez Refinery Receiving Gate to direct driver to the Effluent Treatment Plant Operator (x3202) for off loading directions.				
		SAP/INCIDENT #: 135693				
		RIPR #: 17698				

PLACARDS TENDERED: YES NO

Note—(1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

Signature _____

REMIT C.O.D. TO: ADDRESS _____

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

C.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER **Shell Oil Products US**
PER [Signature] ON BEHALF OF SHELL / EQUILON
RECEIVING SITE SIGNATURE / DATE: _____

CARRIER OUYX INDUSTRIAL
PER JERRY TRIBBITTS
DATE 10-30-02

STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

Shipper No. **GRW 4218**

Carrier No. _____

Page 1 of 1

ONYX INDUSTRIAL SERVICES

Date 10-31-02

(Name of carrier)

(SCAC)

In Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.

FROM: Shipper SERVICE STATION

TO: Consignee **Shell Oil Products US
MARTINEZ REFINERY**

Street 630 HIGH STR.

Street 1801 MARINA VISTA

City OAKLAND State CA Zip Code _____

City MARTINEZ State CA Zip Code 94553

24 hr. Emergency Contact Tel. No. CHEMTREC 800-424-9300

Vehicle Number 2699

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class, Identification Number (UN or NA), Packing Group, per 172.101, 172.202, 172.203	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
<u>1 T.T.</u>		NON-HAZARDOUS GROUNDWATER	<u>2400 GALS</u> <u>2302</u>			
		Contains water with < 10% oil bearing materials and may include extracted groundwater from service station facilities that would be non-hazardous under federal and state waste classification criteria.				
		SOP US Martinez Refinery Receiving Gate to direct driver to the Effluent Treatment Plant Operator (x3202) for off loading directions.				
		SAP/INCIDENT #: 135693/98995751				
		RIPR #: 17698				

PLACARDS TENDERED: YES NO

Note—(1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature _____

REMIT C.O.D. TO: ADDRESS

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

C.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked
Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to his usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER **Shell Oil Products US**
PER _____
ON BEHALF OF SHELL / EQUILON

CARRIER ONYX IND SERV.

PER W. Roll

RECEIVING SITE SIGNATURE / DATE:

DATE 10-31-02

Permanent post-office address of shipper.

1

STRAIGHT BILL OF LADING

ORIGINAL -- NOT NEGOTIABLE

II

Shipper No. GRW 4217

Carrier No. _____

Page 1 of 1

ONYX INDUSTRIAL SERVICES

(Name of carrier) (SCAC)

Date 10-31-02

In Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.

FROM: **Shell Oil Products US**
 Consignee **MARTINEZ REFINERY**

Street **1801 MARINA VISTA**

City **MARTINEZ** State **CA** Zip Code **94553**

FROM: Shipper **SERVICE STATION**

Street **630 HIGH STR.**

City **OAKLAND** State **CA** Zip Code _____

24 hr. Emergency Contact Tel. No. **CHEMTREC 800-424-9300**

Route _____ Vehicle Number **2699**

No. of Units Container Type	HM	BASIC DESCRIPTION <small>Proper Shipping Name, Hazard Class, Identification Number (UN or NA), Packing Group, per 172.101, 172.202, 172.203</small>	TOTAL QUANTITY <small>(Weight, Volume, Gallons, etc.)</small>	WEIGHT <small>(Subject to Correction)</small>	RATE	CHARGES <small>(For Carrier Use Only)</small>
<u>19-T</u>		NON-HAZARDOUS GROUNDWATER Contains water with < 10% oil bearing materials and may include extracted groundwater from service station facilities that would be non-hazardous under federal and state waste classification criteria. SOP US Martinez Refinery Receiving Gate to direct driver to the Effluent Treatment Plant Operator (x3202) for off loading directions. SAP/INCIDENT #: <u>135693/98995751</u> RIPR #: <u>17698</u>	<u>2400 GALS</u> <u>2295</u>			

PLACARDS TENDERED: YES NO

Note—(1) Where the rate is dependent on value, shippers are required to state explicitly in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability and the shipper does not elect a release or a value declaration by the shipper and the shipper does not elect the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowage must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

(Signature)

REMIT C.O.D. TO: ADDRESS

COD Amt: \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

C.O.D. FEE: PREPAID COLLECT \$

TOTAL CHARGES \$

FREIGHT CHARGES
 FREIGHT PREPAID except when box at right is checked
 Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER **Shell Oil Products US**

BY **ON BEHALF OF SHELL / EQUILON**

RECEIVING SITE SIGNATURE / DATE:

CARRIER **ONYX IND. SERV.**

PER **WALL**

DATE **10-31-02**

1

Permanent post-office address of shipper.

STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

III

Shipper No. GRW 4222

Carrier No. _____

Page 1 of 1

ONYX INDUSTRIAL SERVICES
(Name of carrier) (SCAC)

Date 10-31-02

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.

TO: **Shell Oil Products US**
Consignee **MARTINEZ REFINERY**

Street **1801 MARINA VISTA**

City **MARTINEZ** State **CA** Zip Code **94553**

FROM: Shipper SERVICE STATION

Street 630 HIGH STR.

City OAKLAND State CA Zip Code _____

24 hr. Emergency Contact Tel. No. **CHEMTREC 800-424-9300**

Route _____ Vehicle Number 2699

No. of Units Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class, Identification Number (UN or NA), Packing Group, per 172.101, 172.202, 172.203	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
<u>1 T.T.</u>		NON-HAZARDOUS GROUNDWATER	<u>900 GALS</u> <u>959</u>			
		Contains water with < 10% oil bearing materials and may include extracted groundwater from service station facilities that would be non-hazardous under federal and state waste classification criteria.				
		SOP US Martinez Refinery Receiving Gate to direct driver to the Effluent Treatment Plant Operator (x3202) for off loading directions.				
		SAP/INCIDENT #: <u>135693/98995751</u>				
		RIPR #: <u>17698</u>				

PLACARDS TENDERED: YES NO

Note—(1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFIC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature

REMIT C.O.D. TO: ADDRESS _____

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

C.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER **Shell Oil Products US**

PER [Signature] ON BEHALF OF SHELL / EQUILON

RECEIVING SITE SIGNATURE / DATE: _____

permanent post-office address of shipper.

CARRIER ONYX IND. SERV.

PER [Signature]

DATE 10-31-02

1

ATTENTION SHIPPERS!

FREIGHT CHARGES ARE PAID ON THIS BILL OF LADING UNLESS MARKED COLLECT.

This Memorandum

is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper No. **GRW 4220**

Carrier No. _____

Page 1 of 1

(Name of carrier) _____ (SCAC) _____

Date 11-11-02

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.

TO: Shell Oil Products US
Consignee MARTINEZ REFINERY

Street 1801 MARINA VISTA

City MARTINEZ State CA Zip Code 94553

FROM: Shipper SERVICE STATION

Street 630 HIGH STP

City OAKLAND State CA Zip Code _____

24 hr. Emergency Contact Tel. No. CHEMTREC 800-424-9300

No. of Units & Container Type	Route	BASIC DESCRIPTION Proper Shipping Name, Hazard Class, Identification Number (UN or NA), Packing Group, per 172.101, 172.202, 172.203	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
<u>1 T.T.</u>	HM	NON-HAZARDOUS GROUNDWATER	<u>60</u> <u>(2374 gallons)</u>			
		Contains water with < 10% oil bearing materials and may include extracted groundwater from service station facilities that would be non-hazardous under federal and state waste classification criteria.				
		SOP US Martinez Refinery Receiving Gate to direct driver to the Effluent Treatment Plant Operator (x3202) for off loading directions.				
		SAP/INCIDENT #: 135693				
		RIPR #: 17692				

PLACARDS TENDERED: YES NO

Note—(1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature _____

REMIT C.O.D. TO: ADDRESS _____

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

C.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES
 FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER **Shell Oil Products US**

PER ON BEHALF OF SHELL / EQUILON

RECEIVING SITE SIGNATURE / DATE: _____

CARRIER Hamm

PER 004V

DATE 11-1-02

Permanent post-office address of shipper.