Denis L. Brown

Shell Oil Products US
HSE – Environmental Services
20945 S. Wilmington Ave.
Carson, CA 90810-1039
Tel (707) 865 0251
Fax (707) 865 2542
Email denis.l.brown@shell.com

August 4, 2006

Jerry Wickham
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Underground Storage Tank Removal Report
Shell-branded Service Station
1784 150th Avenue
San Leandro, California
SAP Code 136019
Incident #98996068
Fuel Leak Case No. RO 0367

Dear Mr. Wickham:

Attached for your review and comment is a copy of the *Underground Storage Tank Removal Report* for the above referenced site. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

If you have any questions or concerns, please call me at (707) 865-0251.

Sincerely,

Denis L. Brown
Project Manager

CAMBRIA

August 4, 2006

Mr. Jerry Wickham
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
2nd Floor, Room 250
Alameda, California 94502-6577

Re: **Underground Storage Tank Removal Report**
Shell-branded Service Station
1784 150th Avenue
San Leandro, California
SAP Code 136019
Cambria Project No. 207-0612-002

Dear Mr. Wickham:

Cambria Environmental Technology, Inc. (Cambria) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell) to document the recent underground storage tank (UST) removal activities at the referenced site. Under Alameda County Health Care Services Agency (ACHCSA) direction, Cambria performed soil sampling following the removal of one waste oil UST. Cambria performed the work in accordance with ACHCSA and San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) guidelines.

SITE DESCRIPTION

The subject site is an active Shell-branded service station located on the south corner of the 150th Avenue and Freedom Avenue intersection in a mixed commercial and residential area of San Leandro, California (Figure 1). Prior the waste oil UST removal, the site layout included a station building, three gasoline USTs, one waste oil UST, and two dispenser islands (Figure 2).

SAMPLING ACTIVITIES AND SAMPLE ANALYSES

On May 25, 2006, Wayne Perry, Inc. (Wayne Perry) of Sacramento, California removed one 550-gallon, dual-wall fiberglass waste oil UST. Attachment A presents Cambria's standard tank removal sampling procedures.

Cambria Environmental Technology, Inc.

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

Personnel Present:

- Rob Weston, Hazardous Materials Specialist, ACHCSA
- Frank Kramer, Project Manager, Wayne Perry
- Chris Steadman, Construction Foreman, Wayne Perry
- Ron Barone, Staff Geologist, Cambria

Sampling Date: May 25, 2006

UST Removal Observations: Cambria observed no cracks, holes, or corrosion in the UST upon removal.

UST Excavation Soil Sampling: Cambria collected one soil sample (WO-1-6.5) from the sidewall of the UST excavation at a depth of 6.5 feet below grade using an excavator. Figure 2 shows the sampling location. The soil was removed from the excavator bucket and packed into a clean brass sample tube; the tube ends were covered with Teflon® tape and plastic end caps. The soil sample was labeled, placed into a cooler with ice, entered onto a chain-of-custody record, and transported to a California-certified analytical laboratory.

Chemical Analyses: State-certified laboratories Kiff Analytical LLC (Kiff) of Davis, California and Calscience Environmental Laboratories, Inc. (Calscience) of Garden Grove, California analyzed the soil sample for:

- Oil and grease by EPA Method 1664 A (Modified);
- Total petroleum hydrocarbons as diesel (TPHd) by EPA Method 8015 (Modified);
- Total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and xylenes (BTEX), methyl tertiary-butyl ether (MTBE), ethyl tertiary-butyl ether (ETBE), di-isopropyl ether (DIPE), tertiary-amyl methyl ether (TAME), tertiary-butanol (TBA), 1,2-dichloroethane (1,2-DCA), 1,2-dibromoethane (EDB), and chlorinated hydrocarbons by EPA Method 8260B;
- Cadmium, chromium, lead, nickel, and zinc by EPA Method 6010B;
- Polychlorinated biphenyls (PCBs) by EPA Method 8082; and
- Polynuclear aromatics (PNAs), pentachlorophenol (PCP), and creosote by EPA Method 8270C.

Attachment B includes the laboratory report.

Soil Disposal: No soil or pea gravel was removed from the site during the waste oil UST removal activities. Cambria collected one four-point composite sample from the pea gravel removed from the UST excavation during soil sampling activities. State-certified laboratories Kiff and Calscience analyzed the composite sample for:

- Total recoverable petroleum hydrocarbons by EPA Method 418.1 (Modified);
- TPHd by EPA Method 8015 (Modified);
- TPHg and toxicity characteristic leaching procedure (TCLP) volatile organic compounds by EPA Method 8260B;
- Antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc by EPA Method 6010B;
- TCLP semi-volatile organic compounds by EPA Method 8270C;
- PCBs by EPA Method 8082; and
- Reactive cyanide and sulfide per SW-846, Chapter 7.

With approval from ACHCSA staff, the pea gravel was placed back into the excavation. Attachment B includes the laboratory report.

ANALYTICAL RESULTS

Table 1 summarizes soil analytical results, and Attachment B presents the laboratory analytical reports. A summary of these data is presented below.

Soil sample WO-1-6.5 contained up to 45 parts per million (ppm) oil and grease, 4.3 ppm TPHd, 25.4 ppm chromium, 7.09 ppm lead, 19.0 ppm nickel, and 58.4 ppm zinc.

Based on these concentrations, Shell submitted an Underground Storage Tank Unauthorized Release (Leak)/Site Contamination Report (Unauthorized Release Report) on June 6, 2006. Attachment C presents this report.

CONCLUSIONS

All detections are below SFBRWQCB environmental screening levels for shallow soil (fewer than 3 meters below grade) where groundwater is a current or potential drinking water source for residential land use areas. Therefore, based on these results, no further investigation of waste oil constituents is warranted.

CLOSING

If you have any questions regarding the contents of this report, please call Ana Friel at (707) 268-3812.

Sincerely,
Cambria Environmental Technology, Inc.

Aubrey K Cool

Aubrey K. Cool, P.G.
Senior Project Geologist

PROFESSIONAL GEOLOGIST
AUBREY K. COOL
No. 7659
STATE OF CALIFORNIA

Figures: 1 - Site Vicinity and Sensitive Receptor Survey Map
2 - Site Plan

Table: 1 - Soil Analytical Data

Attachments: A - Tank Removal Sampling Procedures
B - Laboratory Analytical Reports
C - Unauthorized Release Report

cc: Jeff Miller, Shell Oil Products US, 1635 Pacheco Blvd., Martinez, CA 94553
Denis Brown, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810

G:\San Leandro 1784 150th\2006 Waste Oil Tank Removal\Waste Oil Tank Pull Report.doc

07/06/06

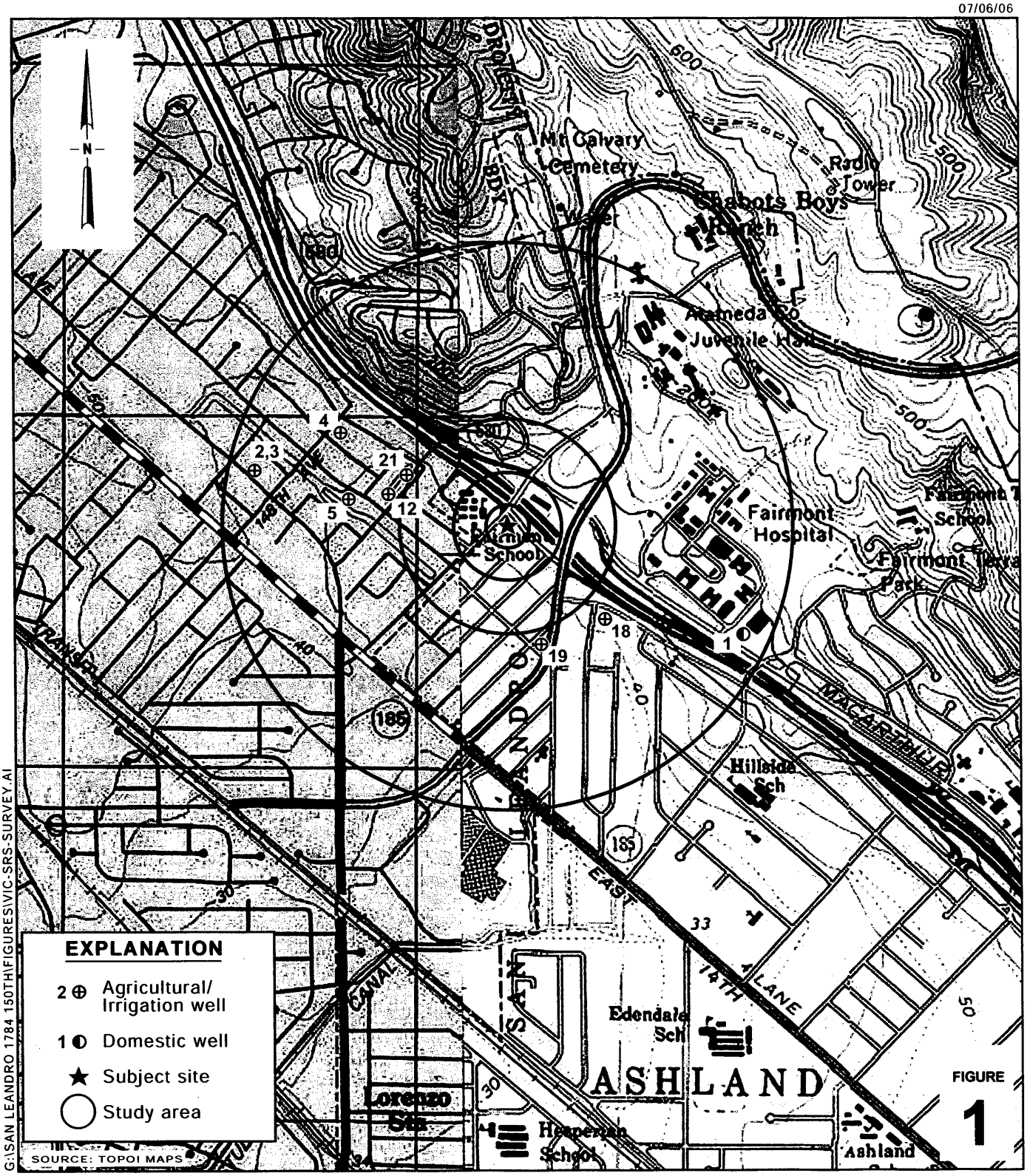

FIGURE 1

Shell-branded Service Station
1784 150th Avenue
San Leandro, California
Incident No.98996068

CAMBRIA

Site Vicinity and Sensitive Receptor Survey Map
(1/2-Mile Radius)

07/07/06

Site Plan

EXPLANATION

- WO-1-6.5 ◭ Soil sample location (5/25/06)
- S-19 ◉ Soil boring location (5/23-25/06)
- MW-4 ✦ Monitoring well location
- MW-6** ✧ Monitoring well location not used for contouring
- D-1-5.0 • Soil sample location (04/05/05)
- D-1-3.5 ◭ Soil sample location (03/22/05)
- SB-17 ◉ Soil boring location (Cambria, 9/04)
- SB-10 ◉ Soil boring location (Cambria, 6/03)
- SB-9 ◉ Soil boring location (Cambria, 10/02)
- SVS-11 △ Soil boring location (Cambria, 11/98)
- SVS-1 ▲ Soil boring location (Cambria, 7/96)
- BH-7 ◆ Soil boring location (Weiss, 3/95)
- A ■ Dispenser soil sample location (Weiss, 3/95)
- BH-1 ◆ Soil boring location (Weiss, 6/94)
- ❶ Dispenser number
- ---------- Product piping

I-580

I-580 OFF-RAMP

FREEDOM AVENUE

PORTOFINO CIRCLE

PORTOFINO DRIVE

150TH AVENUE

BH-1 located 215' SE

BH-6 located 360' SE

BH-4

BH-2

BH-5

BH-9

BH-7

BH-8

BH-3

former dispenser island

brick sound wall

Shell Station
1784 150th Ave.

Station Building

Denny's Restaurant
15015 Freedom Ave.

parking lot

former W/O UST

air comp.

USTs

Residential

Residential (townhouses)

Residential (townhouses)

Residential (townhouses)

Residential

private driveway (gated)

MH

MH

MW-1
MW-2
MW-3
MW-4
MW-5
MW-6**
MW-7
MW-8
MW-9
MW-10
MW-11
SB-9
SB-10
SB-11
SB-12
SB-13
SB-14
SB-15
SB-16
SB-17
SB-18
SB-19
SB-20
SB-21
SB-22
SB-23
SB-24/MW-12
SB-25/MW-13
WO-1-6.5
SVS-1
SVS-2
SVS-3
SVS-4
SVS-5
SVS-6
SVS-7
SVS-8
SVS-9
SVS-10
SVS-11
SVS-12
SVS-13
SVS-14
SVS-15
SVS-16
D-1-3.5
D-1-5.0
D-2-3.5
D-2-5.0
D-3-3.5
D-4-3.5
D-4-5.0
P-1-2.5, P-1-5.0
P-2-3.5, P-2-5.0
P-3-3.0
P-4-2.5, P-4-5.0
A
B
C
D
W

Groundwater Flow Direction
(12/15/03 through 3/02/06)

0 20 40 80
Scale (ft)

FIGURE
2

Shell-branded Service Station
1784 150th Avenue
San Leandro, California
Incident No.98996068

CAMBRIA

G:\SAN LEANDRO 1784 150TH\FIGURES\SITE PLAN - WO UST.DWG

Table 1. Soil Analytical Data - Shell-branded Service Station, 1784 150th Avenue, San Leandro, California

Sample ID	Date Sampled	Depth	O&G	TPHd	TPHg	BTEX	Chlorinated Hydro-carbons	OXYs	1,2-DCA	EDB	Cd	Cr	Pb	Ni	Zn	PNAs	PCP	Creosote	PCBs
		(fbg)	← (mg/kg) →																
W0-1-6.5	25-May-06	6.5	45	4.3[a]	<1.0	<0.0050	ND	<0.0050	<0.0050	<0.0050	<0.500	25.4	7.09	19.0	58.4	ND	<2.5	<0.40	<0.50
SFBRWQCB ESLs for shallow soil where groundwater is a current or potential drinking water source (Residential Land Use)																			
			500	**100**	**100**	**Varies**	**Varies**	**Varies**	**0.0045**	**0.00033**	**1.7**	**58**	**150**	**150**	**600**	**Varies**	**4.4**	**--**	**0.22**

Abbreviations and Notes:

O&G = Oil and grease by EPA Method 1664 A (Modified)

TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015 (Modified)

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

BTEX = Benzene, toluene, ethylbenzene, and total xylenes by EPA Method 8260B

Chlorinated hydrocarbons by EPA Method 8260B; see laboratory analytical report for a complete list of specific constituents

OXYs = Methyl tertiary-butyl ether, di-isopropyl ether, ethyl tertiary-butyl ether, tertiary-amyl methyl ether, and tertiary-butanol by EPA Method 8260B

1,2-DCA = 1,2-Dichloroethane by EPA Method 8260B

EDB = 1,2-Dibromoethane by EPA Method 8260B

Cd = Cadmium by EPA Method 6010B

Cr = Chromium by EPA Method 6010B

Pb = Lead by EPA Method 6010B

Ni = Nickel by EPA Method 6010B

Zn = Zinc by EPA Method 6010B

PNAs = Polynuclear aromatics by EPA Method 8270C; see laboratory analytical report for a complete list of specific constituents

PCP = Pentachlorophenol by EPA Method 8270C

Creosote analyzed by EPA Method 8270C. It is reported as a combination of naphthalene, acenaphthylene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, 1-methylnaphthalene, and 2-methylnaphthene.

PCBs = Polychlorinated biphenyls by EPA Method 8082; see laboratory analytical report for a complete list of specific constiuents

fbg = Feet below grade

mg/kg = Milligrams per kilogram (parts per million)

<x = Not detected at reporting limit x

ND = Not detected; see laboratory analytical report for constituent-specific reporting limits

-- = No applicable environmental screening level

a = Hydrocarbons reported as TPHd do not exhibit a typical Diesel chromatographic pattern. These hydrocarbons are higher boiling than typical diesel fuel.

Data in **BOLD** equals or exceeds applicable San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) environmental screening level (ESL) value

ATTACHMENT A

Tank Removal Sampling Procedures

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.

ATTACHMENT B

Laboratory Analytical Reports

KIFF Analytical LLC

Report Number : 50243
Date : 6/1/2006

Stu Dalie
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608

Subject : 1 Soil Sample
Project Name : 1784 150th Street San Leandro, CA
Project Number : 207-0612-002
P.O. Number : 136019

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

KIFF Analytical LLC

Report Number : 50243
Date : 6/1/2006

Subject : 1 Soil Sample
Project Name : 1784 150th Street San Leandro, CA
Project Number : 207-0612-002
P.O. Number : 136019

Case Narrative

Matrix Spike/Matrix Spike Duplicate Results associated with sample WO-1-6.5 for the analytes Benzene, Toluene, Tert-Butanol were outside of control limits. This may indicate a bias for the sample that was spiked. Since the LCS recoveries were within control limits, no data are flagged.

Matrix Spike/Matrix Spike Duplicate Results associated with sample WO-1-6.5 for the analyte Methyl-t-butyl ether were affected by the analyte concentrations already present in the un-spiked sample.

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for sample WO-1-6.5. These hydrocarbons are higher boiling than typical diesel fuel.

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 50243
Date : 6/1/2006

Project Name : **1784 150th Street San Leandro, CA**
Project Number : **207-0612-002**

Sample : **WO-1-6.5** Matrix : Soil Lab Number : 50243-01
Sample Date :5/25/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**4.3**	1.0	mg/Kg	M EPA 8015	5/31/2006
1-Chlorooctadecane (Diesel Surrogate)	110		% Recovery	M EPA 8015	5/31/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 50243
Date : 6/1/2006

Sample : **WO-1-6.5**
Project Name : **1784 150th Street San Leandro,**
Project Number : **207-0612-002** Lab Number : 50243-01 Date Analyzed : 5/27/2006
Matrix : Soil Sample Date :5/25/2006 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Benzene	< 0.0050	0.0050	mg/Kg
Toluene	< 0.0050	0.0050	mg/Kg
Ethylbenzene	< 0.0050	0.0050	mg/Kg
Total Xylenes	< 0.0050	0.0050	mg/Kg
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg
Tert-Butanol	< 0.0050	0.0050	mg/Kg
TPH as Gasoline	< 1.0	1.0	mg/Kg
Chloromethane	< 0.0050	0.0050	mg/Kg
Vinyl Chloride	< 0.0050	0.0050	mg/Kg
Bromomethane	< 0.020	0.020	mg/Kg
Chloroethane	< 0.0050	0.0050	mg/Kg
Trichlorofluoromethane	< 0.0050	0.0050	mg/Kg
1,1-Dichloroethene	< 0.0050	0.0050	mg/Kg
Methylene Chloride	< 0.0050	0.0050	mg/Kg
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg
1,1-Dichloroethane	< 0.0050	0.0050	mg/Kg
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg
Chloroform	< 0.0050	0.0050	mg/Kg
1,1,1-Trichloroethane	< 0.0050	0.0050	mg/Kg
1,2-Dichloroethane	< 0.0050	0.0050	mg/Kg
Carbon Tetrachloride	< 0.0050	0.0050	mg/Kg
Trichloroethene	< 0.0050	0.0050	mg/Kg
1,2-Dichloropropane	< 0.0050	0.0050	mg/Kg
Bromodichloromethane	< 0.0050	0.0050	mg/Kg
cis-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg
trans-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg
1,1,2-Trichloroethane	< 0.0050	0.0050	mg/Kg
Tetrachloroethene	< 0.0050	0.0050	mg/Kg
Dibromochloromethane	< 0.0050	0.0050	mg/Kg
Chlorobenzene	< 0.0050	0.0050	mg/Kg
Bromoform	< 0.0050	0.0050	mg/Kg
1,1,2,2-Tetrachloroethane	< 0.0050	0.0050	mg/Kg
1,3-Dichlorobenzene	< 0.0050	0.0050	mg/Kg
1,4-Dichlorobenzene	< 0.0050	0.0050	mg/Kg
1,2-Dichlorobenzene	< 0.0050	0.0050	mg/Kg
1,2-Dibromoethane	< 0.0050	0.0050	mg/Kg
1,4-Dioxane	< 0.050	0.050	mg/Kg
Toluene - d8 (Surr)	101		% Recovery
4-Bromofluorobenzene (Surr)	97.2		% Recovery
Dibromofluoromethane (Surr)	111		% Recovery
1,2-Dichloroethane-d4 (Surr)	110		% Recovery

1) MRL = Method reporting limit
2) MRL raised due to interference

Approved By: Joel Kiff

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

Report Number : 50243

Date : 6/1/2006

QC Report : Method Blank Data

Project Name : **1784 150th Street San Leandro, CA**

Project Number : **207-0612-002**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	5/31/2006
1-Chlorooctadecane (Diesel Surrogate)	112		%	M EPA 8015	5/31/2006
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	5/27/2006
Chloromethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
Bromomethane	< 0.020	0.020	mg/Kg	EPA 8260B	5/27/2006
Chloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
Trichlorofluoromethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
1,1-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
Methylene Chloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
1,1-Dichloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
Chloroform	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
1,1,1-Trichloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
1,2-Dichloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
Carbon Tetrachloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
Trichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
1,2-Dichloropropane	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
Bromodichloromethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
cis-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
trans-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
1,1,2-Trichloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
Tetrachloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Dibromochloromethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
Chlorobenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
Bromoform	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
1,1,2,2-Tetrachloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
1,3-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
1,4-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
1,2-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
1,2-Dibromoethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	5/27/2006
1,4-Dioxane	< 0.050	0.050	mg/Kg	EPA 8260B	5/27/2006
Toluene - d8 (Surr)	100		%	EPA 8260B	5/27/2006
4-Bromofluorobenzene (Surr)	101		%	EPA 8260B	5/27/2006
Dibromofluoromethane (Surr)	114		%	EPA 8260B	5/27/2006
1,2-Dichloroethane-d4 (Surr)	108		%	EPA 8260B	5/27/2006

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 50243

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 6/1/2006

Project Name : **1784 150th Street San**

Project Number : **207-0612-002**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	50253-12	<0.0050	0.0388	0.0399	0.0298	0.0274	mg/Kg	EPA 8260B	5/27/06	76.8	68.6	11.3	70-130	25
Toluene	50253-12	<0.0050	0.0388	0.0399	0.0298	0.0271	mg/Kg	EPA 8260B	5/27/06	76.8	67.9	12.4	70-130	25
Tert-Butanol	50253-12	<0.0050	0.194	0.200	0.106	0.117	mg/Kg	EPA 8260B	5/27/06	54.6	58.6	6.98	70-130	25
Methyl-t-Butyl Ether	50253-12	0.020	0.0388	0.0399	0.0498	0.0625	mg/Kg	EPA 8260B	5/27/06	75.5	105	32.8	70-130	25
TPH as Diesel	50241-01	5.4	20.0	20.0	18.0	19.2	mg/Kg	M EPA 8015	5/31/06	70.7	75.8	6.93	60-140	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 50243

QC Report : Laboratory Control Sample (LCS)

Date : 6/1/2006

Project Name : **1784 150th Street San**

Project Number : **207-0612-002**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	0.0391	mg/Kg	EPA 8260B	5/27/06	107	70-130
Toluene	0.0391	mg/Kg	EPA 8260B	5/27/06	107	70-130
Tert-Butanol	0.195	mg/Kg	EPA 8260B	5/27/06	100	70-130
Methyl-t-Butyl Ether	0.0391	mg/Kg	EPA 8260B	5/27/06	108	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	5/31/06	103	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Calscience
Environmental
Laboratories, Inc.

June 01, 2006

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

Subject: **Calscience Work Order No.: 06-05-1740**
Client Reference: 1784 150th Street San Leandro, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/27/2006 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 Systems 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

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical	Date Received:	05/27/06
2795 2nd Street, Suite 300	Work Order No:	06-05-1740
Davis, CA 95616-6593	Preparation:	EPA 3050B
	Method:	EPA 6010B
	Units:	mg/kg

Project: 1784 150th Street San Leandro, CA — Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
WO-1-6.5	**06-05-1740-1**	**05/25/06**	**Solid**	**05/30/06**	**05/30/06**	**060530L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	19.0	0.2	1	
Chromium	25.4	0.2	1		Zinc	58.4	1.0	1	
Lead	7.09	0.50	1						

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**097-01-002-7,675**	**N/A**	**Solid**	**05/30/06**	**05/30/06**	**060530L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	ND	0.250	1	
Chromium	ND	0.250	1		Zinc	ND	1.00	1	
Lead	ND	0.500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 05/27/06
Work Order No: 06-05-1740
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: 1784 150th Street San Leandro, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
WO-1-6.5	**06-05-1740-1**	**05/25/06**	**Solid**	**05/30/06**	**05/31/06**	**060530L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	0.50	1		2,4-Dinitrophenol	ND	2.5	1	
Aniline	ND	0.50	1		4-Nitrophenol	ND	0.50	1	
Phenol	ND	0.50	1		Dibenzofuran	ND	0.50	1	
Bis(2-Chloroethyl) Ether	ND	2.5	1		2,4-Dinitrotoluene	ND	0.50	1	
2-Chlorophenol	ND	0.50	1		2,6-Dinitrotoluene	ND	0.50	1	
1,3-Dichlorobenzene	ND	0.50	1		Diethyl Phthalate	ND	0.50	1	
1,4-Dichlorobenzene	ND	0.50	1		4-Chlorophenyl-Phenyl Ether	ND	0.50	1	
Benzyl Alcohol	ND	0.50	1		Fluorene	ND	0.40	1	
1,2-Dichlorobenzene	ND	0.50	1		4-Nitroaniline	ND	0.50	1	
2-Methylphenol	ND	0.50	1		Azobenzene	ND	0.50	1	
Bis(2-Chloroisopropyl) Ether	ND	0.50	1		4,6-Dinitro-2-Methylphenol	ND	2.5	1	
3/4-Methylphenol	ND	0.50	1		N-Nitrosodiphenylamine	ND	0.50	1	
N-Nitroso-di-n-propylamine	ND	0.50	1		2,4,6-Trichlorophenol	ND	0.50	1	
Hexachloroethane	ND	0.50	1		4-Bromophenyl-Phenyl Ether	ND	0.50	1	
Nitrobenzene	ND	2.5	1		Hexachlorobenzene	ND	0.50	1	
Isophorone	ND	0.50	1		Pentachlorophenol	ND	2.5	1	
2-Nitrophenol	ND	0.50	1		Phenanthrene	ND	0.40	1	
2,4-Dimethylphenol	ND	0.50	1		Anthracene	ND	0.40	1	
Benzoic Acid	ND	2.5	1		Di-n-Butyl Phthalate	ND	0.50	1	
Bis(2-Chloroethoxy) Methane	ND	0.50	1		Fluoranthene	ND	0.40	1	
2,4-Dichlorophenol	ND	0.50	1		Benzidine	ND	10	1	
1,2,4-Trichlorobenzene	ND	0.50	1		Pyrene	ND	0.40	1	
Naphthalene	ND	0.40	1		Pyridine	ND	0.50	1	
4-Chloroaniline	ND	0.50	1		Butyl Benzyl Phthalate	ND	0.50	1	
Hexachloro-1,3-Butadiene	ND	0.50	1		3,3'-Dichlorobenzidine	ND	0.50	1	
4-Chloro-3-Methylphenol	ND	0.50	1		Benzo (a) Anthracene	ND	0.40	1	
2-Methylnaphthalene	ND	0.40	1		Bis(2-Ethylhexyl) Phthalate	ND	0.50	1	
1-Methylnaphthalene	ND	0.40	1		Chrysene	ND	0.40	1	
Hexachlorocyclopentadiene	ND	1.5	1		Di-n-Octyl Phthalate	ND	0.50	1	
2,4,5-Trichlorophenol	ND	0.50	1		Benzo (k) Fluoranthene	ND	0.40	1	
2-Chloronaphthalene	ND	0.50	1		Benzo (b) Fluoranthene	ND	0.40	1	
2-Nitroaniline	ND	0.50	1		Benzo (a) Pyrene	ND	0.35	1	
Dimethyl Phthalate	ND	0.50	1		Indeno (1,2,3-c,d) Pyrene	ND	0.40	1	
Acenaphthylene	ND	0.40	1		Dibenz (a,h) Anthracene	ND	0.40	1	
3-Nitroaniline	ND	0.50	1		Benzo (g,h,i) Perylene	ND	0.40	1	
Acenaphthene	ND	0.40	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	69	42-120		Phenol-d6	71	46-118	
Nitrobenzene-d5	66	42-150		2-Fluorobiphenyl	61	38-134	
2,4,6-Tribromophenol	75	36-132		p-Terphenyl-d14	50	35-167	

Additional Parameter	Result	RL	DF	Qual	Units
Creosote*	ND	0.40	1		mg/kg

Combination of Naphthalene,Acenaphthylene,Fluorene,Phenanthrene,Anthracene,Fluoranthene,Pyrene,1-Methylnaphthalene,2-Methylnaphthalene

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical		Date Received:	05/27/06
2795 2nd Street, Suite 300		Work Order No:	06-05-1740
Davis, CA 95616-6593		Preparation:	EPA 3545
		Method:	EPA 8270C
		Units:	mg/kg

Project: 1784 150th Street San Leandro, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-002-1,590**	**N/A**	**Solid**	**05/30/06**	**05/30/06**	**060530L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	0.50	1		2,4-Dinitrophenol	ND	2.5	1	
Aniline	ND	0.50	1		4-Nitrophenol	ND	0.50	1	
Phenol	ND	0.50	1		Dibenzofuran	ND	0.50	1	
Bis(2-Chloroethyl) Ether	ND	2.5	1		2,4-Dinitrotoluene	ND	0.50	1	
2-Chlorophenol	ND	0.50	1		2,6-Dinitrotoluene	ND	0.50	1	
1,3-Dichlorobenzene	ND	0.50	1		Diethyl Phthalate	ND	0.50	1	
1,4-Dichlorobenzene	ND	0.50	1		4-Chlorophenyl-Phenyl Ether	ND	0.50	1	
Benzyl Alcohol	ND	0.50	1		Fluorene	ND	0.40	1	
1,2-Dichlorobenzene	ND	0.50	1		4-Nitroaniline	ND	0.50	1	
2-Methylphenol	ND	0.50	1		Azobenzene	ND	0.50	1	
Bis(2-Chloroisopropyl) Ether	ND	0.50	1		4,6-Dinitro-2-Methylphenol	ND	2.5	1	
3/4-Methylphenol	ND	0.50	1		N-Nitrosodiphenylamine	ND	0.50	1	
N-Nitroso-di-n-propylamine	ND	0.50	1		2,4,6-Trichlorophenol	ND	0.50	1	
Hexachloroethane	ND	0.50	1		4-Bromophenyl-Phenyl Ether	ND	0.50	1	
Nitrobenzene	ND	2.5	1		Hexachlorobenzene	ND	0.50	1	
Isophorone	ND	0.50	1		Pentachlorophenol	ND	2.5	1	
2-Nitrophenol	ND	0.50	1		Phenanthrene	ND	0.40	1	
2,4-Dimethylphenol	ND	0.50	1		Anthracene	ND	0.40	1	
Benzoic Acid	ND	2.5	1		Di-n-Butyl Phthalate	ND	0.50	1	
Bis(2-Chloroethoxy) Methane	ND	0.50	1		Fluoranthene	ND	0.40	1	
2,4-Dichlorophenol	ND	0.50	1		Benzidine	ND	10	1	
1,2,4-Trichlorobenzene	ND	0.50	1		Pyrene	ND	0.40	1	
Naphthalene	ND	0.40	1		Pyridine	ND	0.50	1	
4-Chloroaniline	ND	0.50	1		Butyl Benzyl Phthalate	ND	0.50	1	
Hexachloro-1,3-Butadiene	ND	0.50	1		3,3'-Dichlorobenzidine	ND	0.50	1	
4-Chloro-3-Methylphenol	ND	0.50	1		Benzo (a) Anthracene	ND	0.40	1	
2-Methylnaphthalene	ND	0.40	1		Bis(2-Ethylhexyl) Phthalate	ND	0.50	1	
1-Methylnaphthalene	ND	0.40	1		Chrysene	ND	0.40	1	
Hexachlorocyclopentadiene	ND	1.5	1		Di-n-Octyl Phthalate	ND	0.50	1	
2,4,5-Trichlorophenol	ND	0.50	1		Benzo (k) Fluoranthene	ND	0.40	1	
2-Chloronaphthalene	ND	0.50	1		Benzo (b) Fluoranthene	ND	0.40	1	
2-Nitroaniline	ND	0.50	1		Benzo (a) Pyrene	ND	0.35	1	
Dimethyl Phthalate	ND	0.50	1		Indeno (1,2,3-c,d) Pyrene	ND	0.40	1	
Acenaphthylene	ND	0.40	1		Dibenz (a,h) Anthracene	ND	0.40	1	
3-Nitroaniline	ND	0.50	1		Benzo (g,h,i) Perylene	ND	0.40	1	
Acenaphthene	ND	0.40	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	74	42-120		Phenol-d6	76	46-118	
Nitrobenzene-d5	71	42-150		2-Fluorobiphenyl	67	38-134	
2,4,6-Tribromophenol	81	36-132		p-Terphenyl-d14	79	35-167	

Additional Parameter	Result	RL	DF	Qual	Units
Creosote*	ND	0.40	1		mg/kg

Combination of Naphthalene,Acenaphthylene,Fluorene,Phenanthrene,Anthracene,Fluoranthene,Pyrene,1-Methylnaphthalene,2-Methylnaphthalene

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 05/27/06
Work Order No: 06-05-1740
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: 1784 150th Street San Leandro, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
WO-1-6.5	**06-05-1740-1**	**05/25/06**	**Solid**	**05/30/06**	**05/30/06**	**060530L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	50	1		Aroclor-1248	ND	50	1	
Aroclor-1221	ND	50	1		Aroclor-1254	ND	50	1	
Aroclor-1232	ND	50	1		Aroclor-1260	ND	50	1	
Aroclor-1242	ND	50	1		Aroclor-1262	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	85	50-130			2,4,5,6-Tetrachloro-m-Xylene	52	50-130		

Method Blank	099-07-009-876	N/A	Solid	05/30/06	05/30/06	060530L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	50	1		Aroclor-1248	ND	50	1	
Aroclor-1221	ND	50	1		Aroclor-1254	ND	50	1	
Aroclor-1232	ND	50	1		Aroclor-1260	ND	50	1	
Aroclor-1242	ND	50	1		Aroclor-1262	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	93	50-130			2,4,5,6-Tetrachloro-m-Xylene	94	50-130		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 05/27/06
Work Order No: 06-05-1740

Project: 1784 150th Street San Leandro, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
WO-1-6.5	**06-05-1740-1**	**05/25/06**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Hexane Extractable Material	45	10	1		mg/kg	05/31/06	05/31/06	EPA 1664A M

Method Blank	N/A	Solid

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Hexane Extractable Material	ND	10	1		mg/kg	05/31/06	05/31/06	EPA 1664A M

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 05/27/06
Work Order No: 06-05-1740
Preparation: EPA 3050B
Method: EPA 6010B

Project 1784 150th Street San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-05-1741-1	**Solid**	**ICP 3300**	**05/30/06**	**05/31/06**	**060530S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Cadmium	113	110	75-125	2	0-20	
Chromium	105	99	75-125	3	0-20	
Lead	110	108	75-125	2	0-20	
Nickel	109	108	75-125	1	0-20	
Zinc	112	98	75-125	8	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 05/27/06
Work Order No: 06-05-1740
Preparation: EPA 3545
Method: EPA 8270C

Project 1784 150th Street San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-05-1741-1	**Solid**	**GC/MS J**	**05/30/06**	**05/30/06**	**060530S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Phenol	66	66	57-123	1	0-16	
2-Chlorophenol	65	64	57-111	1	0-17	
1,4-Dichlorobenzene	63	63	49-127	1	0-20	
N-Nitroso-di-n-propylamine	72	69	54-144	5	0-17	
1,2,4-Trichlorobenzene	58	58	42-132	0	0-20	
4-Chloro-3-Methylphenol	65	65	50-128	1	0-17	
Acenaphthene	62	61	49-133	1	0-18	
4-Nitrophenol	60	64	30-144	7	0-21	
2,4-Dinitrotoluene	62	63	50-128	1	0-18	
Pentachlorophenol	65	65	29-113	0	0-22	
Pyrene	67	50	47-149	31	0-20	4

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 05/27/06
Work Order No: 06-05-1740
Preparation: EPA 3545
Method: EPA 8082

Project 1784 150th Street San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-05-1741-1	**Solid**	**GC 10**	**05/30/06**	**05/30/06**	**060530S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Aroclor-1260	125	125	50-135	0	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Kiff Analytical	Date Received:	N/A
2795 2nd Street, Suite 300	Work Order No:	06-05-1740
Davis, CA 95616-6593	Preparation:	EPA 3050B
	Method:	EPA 6010B

Project: 1784 150th Street San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-7,675	Solid	ICP 3300	05/30/06	060530-I-02	060530L02

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Cadmium	25.0	27.6	111	80-120	
Chromium	25.0	27.4	110	80-120	
Lead	25.0	28.4	114	80-120	
Nickel	25.0	28.6	114	80-120	
Zinc	25.0	29.1	116	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 06-05-1740
Preparation: EPA 3545
Method: EPA 8270C

Project: 1784 150th Street San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-002-1,590	Solid	GC/MS J	05/30/06	05/31/06	060530L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Phenol	83	81	59-125	2	0-15	
2-Chlorophenol	81	80	60-114	2	0-15	
1,4-Dichlorobenzene	84	82	61-121	2	0-21	
N-Nitroso-di-n-propylamine	88	87	64-136	1	0-15	
1,2,4-Trichlorobenzene	78	78	58-118	1	0-18	
4-Chloro-3-Methylphenol	84	84	61-121	0	0-14	
Acenaphthene	81	81	59-125	0	0-15	
4-Nitrophenol	85	85	38-152	0	0-31	
2,4-Dinitrotoluene	80	80	51-141	1	0-16	
Pentachlorophenol	84	84	38-116	0	0-20	
Pyrene	60	59	51-141	2	0-14	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Kiff Analytical		Date Received:	N/A
2795 2nd Street, Suite 300		Work Order No:	06-05-1740
Davis, CA 95616-6593		Preparation:	EPA 3545
		Method:	EPA 8082

Project: 1784 150th Street San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-07-009-876	**Solid**	**GC 10**	**05/30/06**	**05/30/06**	**060530L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Aroclor-1260	113	116	50-135	3	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 06-05-1740

Project: 1784 150th Street San Leandro, CA

Matrix: Solid

Parameter	Method	Quality Control Sample ID	Date Extracted	Date Analyzed	LCS % REC	LCSD % REC	%REC CL	RPD	RPD CL	Qual
Hexane Extractable Material	EPA 1664A M	099-12-040-34	05/31/06	05/31/06	83	83	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-05-1740

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

1740

KIFF Analytical LLC

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. _____ Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Troy Turpen

EDF Report? _X_ Yes __No

Recommended but not mandatory to complete this section:

Company/Address: Kiff Analytical, LLC

Sampling Company Log Code: CETO

Phone No.: FAX No.:

Global ID: T0600101230

Project Number: 207-0612-002 P.O. No.: 50243

EDF Deliverable to (Email Address): inbox@kiffanalytical.com

Project Name: 1784 150th Street San Leandro, CA

E-mail address: inbox@kiffanalytical.com

Project Address:

Sample Designation	Sampling: Date	Sampling: Time	Container: Glass	Container: Poly	Container: Sleeve	Container: Amber	Container:	Preservative: HCl	Preservative: HNO_3	Preservative: H_2SO_4	Preservative: NONE	Preservative: $Na_2S_2O_3$	Matrix: WATER	Matrix: SOIL		Analysis Request: PNAs, PCP & Creosote (EPA 8270C)	Analysis Request: PCB (EPA 8082)	Analysis Request: Oil & Grease (EPA 1664)	Analysis Request: CAM 5 Metals: Cd, Cr, Pb, Ni, Zn					Date due: June 1, 2006	For Lab Use Only
WO-1-6.5	5/25/06	910			1						X			X		X	X	X	X					X	

Relinquished by: Gayle Capili Kiff Analytical	Date 5/26/06	Time 19:00	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by: overnight	Date 5/27/06	Time 11:15	Received by Laboratory:

Remarks: This is a Shell Project. Please confirm Rush TAT availability!

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 05 - 1740

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Kiff Analytical DATE: 5/27/06

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):

3.5 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: TC

CUSTODY SEAL INTACT:

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

Initial: TC

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: TC

COMMENTS:

LAB: KIFF Other_____

Lab Identification (if necessary):
- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Nashville, Tennesee
- ☐ STL
- ☑ Other (location)_____

SHELL Chain Of Custody Record 50243

Shell Project Manager to be invoiced:
- ☐ ENVIRONMENTAL SERVICES
- ☑ TECHNICAL SERVICES — Jim Martin
- ☐ CRMT: HOUSTON
- ☑ NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

INCIDENT NUMBER (ES ONLY)

SAP or CRMT NUMBER (TS/CRMT): 1360119

DATE: 5/25/06

PAGE: 1 of 1

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS 1784 150th Street San Leandro, CA	State: CA	GLOBAL ID NO.:
Cambria Environmental Technology, Inc.	CETO			T0600101230

ADDRESS:	EDF DELIVERABLE TO (Responsible Party or Designee):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
5900 Hollis Street Suite A Emeryville, CA	shell.em.edf@cambria-env.com	(510) 420-0700	shell.em.edf@cambria-env.com	207-0612-002

PROJECT CONTACT (Hardcopy or PDF Report to):	TELEPHONE:	FAX:	E-MAIL:
Stewart Dalie	(510) 420-3339	(510) 420-9170	sdalie@cambria-env.com

SAMPLER NAME(S) (Print): ~~Stewart~~ Ron Byrne

TURNAROUND TIME (STANDARD IS 10 CALENDAR DAYS): ☐ STD ☐ 5 DAY ☑ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ 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 cc lab results to sdalie@cambria-env.com and acool@cambria-env.com

Note 72 Hr TAT

RECEIPT VERIFICATION REQUESTED ☑

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH gas - Purgeable (8260B)	TPH diesel - Extractable (8015M)	BTEX (8260B)		MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,4 Dioxane 8270	EDB (8260B) + EDC	PNAs (8270)	PCP (8270) + PCB	Chlorinated Hydrocarbons (8260)	Oil & grease	Cam 17 Metals Cd, Cr, Pb, Zn, Ni		Creosote (8270)			TEMPERATURE ON RECEIPT C°
	WO-1-6.5	5/18	910	SO	2	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X			-01

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

Sample Receipt: Temp °C: 5.0 Thermom. ID#: IR-4 Initial: RSM Date: 052606 Time: 1730 Sealed (Y/N): Y/N

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Ron Byrne	Sean Cunningham	5/26/2006	1430
Relinquished by: (Signature)	Received by: (Signature)	Date.	Time:
Relinquished by: (Signature)	Received by: (Signature) Kiff Analytical	Date: 052606	Time: 1108

11/18/05 Revision

Q&Q Graphic (714) 898-9702

KIFF Analytical LLC

Report Number : 50245
Date : 6/1/2006

Stu Dalie
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608

Subject : 1 Soil Sample
Project Name : 1784 150th Street San Leandro, CA
Project Number : 207-0612-002
P.O. Number : 136019

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

KIFF Analytical LLC

Report Number : 50245
Date : 6/1/2006

Subject : 1 Soil Sample
Project Name : 1784 150th Street San Leandro, CA
Project Number : 207-0612-002
P.O. Number : 136019

Case Narrative

Matrix Spike/Matrix Spike Duplicate Results associated with sample PG-1 for the analytes Benzene, Toluene were outside of control limits. This may indicate a bias for the sample that was spiked. Since the LCS recoveries were within control limits, no data are flagged.

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for sample PG-1. These hydrocarbons are higher boiling than typical diesel fuel.

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 50245
Date : 6/1/2006

Project Name : **1784 150th Street San Leandro, CA**
Project Number : **207-0612-002**

Sample : **PG-1** Matrix : Soil Lab Number : 50245-01
Sample Date :5/25/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	5/27/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	5/27/2006
4-Bromofluorobenzene (Surr)	99.5		% Recovery	EPA 8260B	5/27/2006
TPH as Diesel	**40**	2.0	mg/Kg	M EPA 8015	5/31/2006
1-Chlorooctadecane (Diesel Surrogate)	90.5		% Recovery	M EPA 8015	5/31/2006

Approved By: Joel Kiff

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

Report Number : 50245

Date : 6/1/2006

QC Report : Method Blank Data

Project Name : **1784 150th Street San Leandro, CA**

Project Number : **207-0612-002**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	5/31/2006
1-Chlorooctadecane (Diesel Surrogate)	112		%	M EPA 8015	5/31/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	5/27/2006
Toluene - d8 (Surr)	100		%	EPA 8260B	5/27/2006
4-Bromofluorobenzene (Surr)	101		%	EPA 8260B	5/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 50245

Date : 6/1/2006

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **1784 150th Street San**

Project Number : **207-0612-002**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	50253-12	<0.0050	0.0388	0.0399	0.0298	0.0274	mg/Kg	EPA 8260B	5/27/06	76.8	68.6	11.3	70-130	25
Toluene	50253-12	<0.0050	0.0388	0.0399	0.0298	0.0271	mg/Kg	EPA 8260B	5/27/06	76.8	67.9	12.4	70-130	25
Methyl-t-Butyl Ether	50253-12	0.020	0.0388	0.0399	0.0498	0.0625	mg/Kg	EPA 8260B	5/27/06	75.5	105	32.8	70-130	25
TPH as Diesel	50241-01	5.4	20.0	20.0	18.0	19.2	mg/Kg	M EPA 8015	5/31/06	70.7	75.8	6.93	60-140	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 50245

Date : 6/1/2006

QC Report : Laboratory Control Sample (LCS)

Project Name : **1784 150th Street San**

Project Number : **207-0612-002**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	0.0391	mg/Kg	EPA 8260B	5/27/06	107	70-130
Toluene	0.0391	mg/Kg	EPA 8260B	5/27/06	107	70-130
Methyl-t-Butyl Ether	0.0391	mg/Kg	EPA 8260B	5/27/06	108	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	5/31/06	103	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Calscience
Environmental
Laboratories, Inc.

June 05, 2006

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

Subject: **Calscience Work Order No.: 06-05-1810**
Client Reference: 1784 150th Street San Leandro, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/31/2006 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 Systems 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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 05/31/06
Work Order No: 06-05-1810
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: 1784 150th Street San Leandro, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
PG-1	**06-05-1810-1**	**05/25/06**	**Solid**	**05/31/06**	**06/01/06**	**060531L05**

Comment(s): -Mercury was analyzed on 5/31/2006 5:01:02 PM with batch 060531L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	2.55	0.75	1		Molybdenum	ND	0.250	1	
Barium	42.7	0.5	1		Nickel	19.9	0.2	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	7.87	0.25	1		Thallium	ND	0.750	1	
Cobalt	3.94	0.25	1		Vanadium	9.63	0.25	1	
Copper	11.0	0.5	1		Zinc	30.3	1.0	1	
Lead	4.25	0.50	1						

Method Blank	**099-04-007-3,947**	**N/A**	**Solid**	**05/31/06**	**05/31/06**	**060531L01**

Parameter	Result	RL	DF	Qual
Mercury	ND	0.0835	1	

Method Blank	**097-01-002-7,678**	**N/A**	**Solid**	**05/31/06**	**05/31/06**	**060531L05**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Molybdenum	ND	0.250	1	
Arsenic	ND	0.750	1		Nickel	ND	0.250	1	
Barium	ND	0.500	1		Selenium	ND	0.750	1	
Beryllium	ND	0.250	1		Silver	ND	0.250	1	
Cadmium	ND	0.500	1		Thallium	ND	0.750	1	
Chromium	ND	0.250	1		Vanadium	ND	0.250	1	
Cobalt	ND	0.250	1		Zinc	ND	1.00	1	
Copper	ND	0.500	1		Lead	ND	0.500	1	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical	Date Received:	05/31/06
2795 2nd Street, Suite 300	Work Order No:	06-05-1810
Davis, CA 95616-6593	Preparation:	EPA 1311
	Method:	EPA 8270C
	Units:	ug/L

Project: 1784 150th Street San Leandro, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
PG-1	**06-05-1810-1**	**05/25/06**	**Solid**	**06/01/06**	**06/02/06**	**060601L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	250	1		3-Nitroaniline	ND	250	1	
Aniline	ND	250	1		Acenaphthene	ND	250	1	
Pyridine	ND	250	1		2,4-Dinitrophenol	ND	500	1	
Phenol	ND	250	1		4-Nitrophenol	ND	500	1	
Bis(2-Chloroethyl) Ether	ND	250	1		Dibenzofuran	ND	250	1	
2-Chlorophenol	ND	250	1		2,4-Dinitrotoluene	ND	130	1	
1,3-Dichlorobenzene	ND	250	1		2,6-Dinitrotoluene	ND	250	1	
1,4-Dichlorobenzene	ND	250	1		Diethyl Phthalate	ND	250	1	
Benzyl Alcohol	ND	250	1		4-Chlorophenyl-Phenyl Ether	ND	250	1	
1,2-Dichlorobenzene	ND	250	1		Fluorene	ND	250	1	
2-Methylphenol	ND	250	1		4-Nitroaniline	ND	250	1	
Bis(2-Chloroisopropyl) Ether	ND	250	1		Azobenzene	ND	250	1	
3/4-Methylphenol	ND	250	1		4,6-Dinitro-2-Methylphenol	ND	500	1	
N-Nitroso-di-n-propylamine	ND	250	1		N-Nitrosodiphenylamine	ND	250	1	
Hexachloroethane	ND	250	1		4-Bromophenyl-Phenyl Ether	ND	250	1	
Nitrobenzene	ND	250	1		Hexachlorobenzene	ND	130	1	
Isophorone	ND	250	1		Pentachlorophenol	ND	500	1	
2-Nitrophenol	ND	250	1		Phenanthrene	ND	250	1	
2,4-Dimethylphenol	ND	250	1		Anthracene	ND	250	1	
Benzoic Acid	ND	500	1		Di-n-Butyl Phthalate	ND	250	1	
Bis(2-Chloroethoxy) Methane	ND	250	1		Fluoranthene	ND	250	1	
2,4-Dichlorophenol	ND	250	1		Benzidine	ND	500	1	
1,2,4-Trichlorobenzene	ND	250	1		Pyrene	ND	250	1	
Naphthalene	ND	250	1		Butyl Benzyl Phthalate	ND	250	1	
4-Chloroaniline	ND	500	1		3,3'-Dichlorobenzidine	ND	250	1	
Hexachloro-1,3-Butadiene	ND	250	1		Benzo (a) Anthracene	ND	250	1	
4-Chloro-3-Methylphenol	ND	250	1		Bis(2-Ethylhexyl) Phthalate	ND	250	1	
2-Methylnaphthalene	ND	250	1		Chrysene	ND	250	1	
Hexachlorocyclopentadiene	ND	2500	1		Di-n-Octyl Phthalate	ND	250	1	
2,4,6-Trichlorophenol	ND	250	1		Benzo (k) Fluoranthene	ND	250	1	
2,4,5-Trichlorophenol	ND	250	1		Benzo (b) Fluoranthene	ND	250	1	
2-Chloronaphthalene	ND	250	1		Benzo (a) Pyrene	ND	250	1	
2-Nitroaniline	ND	250	1		Dibenz (a,h) Anthracene	ND	250	1	
Dimethyl Phthalate	ND	250	1		Indeno (1,2,3-c,d) Pyrene	ND	250	1	
Acenaphthylene	ND	250	1		Benzo (g,h,i) Perylene	ND	250	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
2-Fluorophenol	87	21-100			Phenol-d6	67	10-94		
Nitrobenzene-d5	88	35-114			2-Fluorobiphenyl	78	43-116		
2,4,6-Tribromophenol	141	10-123		2	p-Terphenyl-d14	77	33-141		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical	Date Received:	05/31/06
2795 2nd Street, Suite 300	Work Order No:	06-05-1810
Davis, CA 95616-6593	Preparation:	EPA 1311
	Method:	EPA 8270C
	Units:	ug/L

Project: 1784 150th Street San Leandro, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**096-02-007-878**	**N/A**	**Aqueous**	**06/01/06**	**06/02/06**	**060601L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	250	1		3-Nitroaniline	ND	250	1	
Aniline	ND	250	1		Acenaphthene	ND	250	1	
Pyridine	ND	250	1		2,4-Dinitrophenol	ND	500	1	
Phenol	ND	250	1		4-Nitrophenol	ND	500	1	
Bis(2-Chloroethyl) Ether	ND	250	1		Dibenzofuran	ND	250	1	
2-Chlorophenol	ND	250	1		2,4-Dinitrotoluene	ND	130	1	
1,3-Dichlorobenzene	ND	250	1		2,6-Dinitrotoluene	ND	250	1	
1,4-Dichlorobenzene	ND	250	1		Diethyl Phthalate	ND	250	1	
Benzyl Alcohol	ND	250	1		4-Chlorophenyl-Phenyl Ether	ND	250	1	
1,2-Dichlorobenzene	ND	250	1		Fluorene	ND	250	1	
2-Methylphenol	ND	250	1		4-Nitroaniline	ND	250	1	
Bis(2-Chloroisopropyl) Ether	ND	250	1		Azobenzene	ND	250	1	
3/4-Methylphenol	ND	250	1		4,6-Dinitro-2-Methylphenol	ND	500	1	
N-Nitroso-di-n-propylamine	ND	250	1		N-Nitrosodiphenylamine	ND	250	1	
Hexachloroethane	ND	250	1		4-Bromophenyl-Phenyl Ether	ND	250	1	
Nitrobenzene	ND	250	1		Hexachlorobenzene	ND	130	1	
Isophorone	ND	250	1		Pentachlorophenol	ND	500	1	
2-Nitrophenol	ND	250	1		Phenanthrene	ND	250	1	
2,4-Dimethylphenol	ND	250	1		Anthracene	ND	250	1	
Benzoic Acid	ND	500	1		Di-n-Butyl Phthalate	ND	250	1	
Bis(2-Chloroethoxy) Methane	ND	250	1		Fluoranthene	ND	250	1	
2,4-Dichlorophenol	ND	250	1		Benzidine	ND	500	1	
1,2,4-Trichlorobenzene	ND	250	1		Pyrene	ND	250	1	
Naphthalene	ND	250	1		Butyl Benzyl Phthalate	ND	250	1	
4-Chloroaniline	ND	500	1		3,3'-Dichlorobenzidine	ND	250	1	
Hexachloro-1,3-Butadiene	ND	250	1		Benzo (a) Anthracene	ND	250	1	
4-Chloro-3-Methylphenol	ND	250	1		Bis(2-Ethylhexyl) Phthalate	ND	250	1	
2-Methylnaphthalene	ND	250	1		Chrysene	ND	250	1	
Hexachlorocyclopentadiene	ND	2500	1		Di-n-Octyl Phthalate	ND	250	1	
2,4,6-Trichlorophenol	ND	250	1		Benzo (k) Fluoranthene	ND	250	1	
2,4,5-Trichlorophenol	ND	250	1		Benzo (b) Fluoranthene	ND	250	1	
2-Chloronaphthalene	ND	250	1		Benzo (a) Pyrene	ND	250	1	
2-Nitroaniline	ND	250	1		Dibenz (a,h) Anthracene	ND	250	1	
Dimethyl Phthalate	ND	250	1		Indeno (1,2,3-c,d) Pyrene	ND	250	1	
Acenaphthylene	ND	250	1		Benzo (g,h,i) Perylene	ND	250	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
2-Fluorophenol	51	21-100			Phenol-d6	35	10-94		
Nitrobenzene-d5	81	35-114			2-Fluorobiphenyl	79	43-116		
2,4,6-Tribromophenol	92	10-123			p-Terphenyl-d14	68	33-141		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received:	05/31/06
Work Order No:	06-05-1810
Preparation:	EPA 3545
Method:	EPA 8082
Units:	ug/kg

Project: 1784 150th Street San Leandro, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
PG-1	**06-05-1810-1**	**05/25/06**	**Solid**	**06/01/06**	**06/01/06**	**060601L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	50	1		Aroclor-1248	ND	50	1	
Aroclor-1221	ND	50	1		Aroclor-1254	ND	50	1	
Aroclor-1232	ND	50	1		Aroclor-1260	ND	50	1	
Aroclor-1242	ND	50	1		Aroclor-1262	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	99	50-130			2,4,5,6-Tetrachloro-m-Xylene	102	50-130		

Method Blank	**099-07-009-877**	**N/A**	**Solid**	**06/01/06**	**06/01/06**	**060601L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	50	1		Aroclor-1248	ND	50	1	
Aroclor-1221	ND	50	1		Aroclor-1254	ND	50	1	
Aroclor-1232	ND	50	1		Aroclor-1260	ND	50	1	
Aroclor-1242	ND	50	1		Aroclor-1262	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	110	50-130			2,4,5,6-Tetrachloro-m-Xylene	104	50-130		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received:	05/31/06
Work Order No:	06-05-1810
Preparation:	Extraction
Method:	EPA 418.1M

Project: 1784 150th Street San Leandro, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
PG-1	**06-05-1810-1**	**05/25/06**	**Solid**	**06/02/06**	**06/02/06**	**060602L01**

Parameter	Result	RL	DF	Qual	Units
TRPH	84	10	1		mg/kg

Method Blank	**099-07-015-975**	**N/A**	**Solid**	**06/02/06**	**06/02/06**	**060602L01**

Parameter	Result	RL	DF	Qual	Units
TRPH	ND	10	1		mg/kg

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical	Date Received:	05/31/06
2795 2nd Street, Suite 300	Work Order No:	06-05-1810
Davis, CA 95616-6593	Preparation:	EPA 1311
	Method:	EPA 8260B
	Units:	ug/L

Project: 1784 150th Street San Leandro, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
PG-1	**06-05-1810-1**	**05/25/06**	**Solid**	**05/31/06**	**06/02/06**	**060601L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	1700	1000	1		1,3-Dichloropropane	ND	100	1	
Benzene	ND	50	1		2,2-Dichloropropane	ND	100	1	
Bromobenzene	ND	100	1		1,1-Dichloropropene	ND	100	1	
Bromochloromethane	ND	100	1		c-1,3-Dichloropropene	ND	50	1	
Bromodichloromethane	ND	100	1		t-1,3-Dichloropropene	ND	50	1	
Bromoform	ND	100	1		Ethylbenzene	ND	100	1	
Bromomethane	ND	1000	1		2-Hexanone	ND	1000	1	
2-Butanone	ND	1000	1		Isopropylbenzene	ND	100	1	
n-Butylbenzene	ND	100	1		p-Isopropyltoluene	ND	100	1	
sec-Butylbenzene	ND	100	1		Methylene Chloride	2300	1000	1	B
tert-Butylbenzene	ND	100	1		4-Methyl-2-Pentanone	ND	1000	1	
Carbon Disulfide	ND	1000	1		Naphthalene	ND	1000	1	
Carbon Tetrachloride	ND	50	1		n-Propylbenzene	ND	100	1	
Chlorobenzene	ND	100	1		Styrene	ND	100	1	
Chloroethane	ND	100	1		1,1,1,2-Tetrachloroethane	ND	100	1	
Chloroform	ND	100	1		1,1,2,2-Tetrachloroethane	ND	100	1	
Chloromethane	ND	1000	1		Tetrachloroethene	ND	100	1	
2-Chlorotoluene	ND	100	1		Toluene	ND	100	1	
4-Chlorotoluene	ND	100	1		1,2,3-Trichlorobenzene	ND	100	1	
Dibromochloromethane	ND	100	1		1,2,4-Trichlorobenzene	ND	100	1	
1,2-Dibromo-3-Chloropropane	ND	500	1		1,1,1-Trichloroethane	ND	100	1	
1,2-Dibromoethane	ND	100	1		1,1,2-Trichloroethane	ND	100	1	
Dibromomethane	ND	100	1		Trichloroethene	ND	100	1	
1,2-Dichlorobenzene	ND	100	1		Trichlorofluoromethane	ND	1000	1	
1,3-Dichlorobenzene	ND	100	1		1,2,3-Trichloropropane	ND	500	1	
1,4-Dichlorobenzene	ND	100	1		1,2,4-Trimethylbenzene	ND	100	1	
Dichlorodifluoromethane	ND	100	1		1,3,5-Trimethylbenzene	ND	100	1	
1,1-Dichloroethane	ND	100	1		Vinyl Acetate	ND	1000	1	
1,2-Dichloroethane	ND	50	1		Vinyl Chloride	ND	50	1	
1,1-Dichloroethene	ND	100	1		p/m-Xylene	ND	100	1	
c-1,2-Dichloroethene	ND	100	1		o-Xylene	ND	100	1	
t-1,2-Dichloroethene	ND	100	1		Methyl-t-Butyl Ether (MTBE)	ND	100	1	
1,2-Dichloropropane	ND	100	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	134	74-140		1,2-Dichloroethane-d4	138	74-146	
Toluene-d8	97	88-112		1,4-Bromofluorobenzene	78	74-110	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical	Date Received:	05/31/06
2795 2nd Street, Suite 300	Work Order No:	06-05-1810
Davis, CA 95616-6593	Preparation:	EPA 1311
	Method:	EPA 8260B
	Units:	ug/L

Project: 1784 150th Street San Leandro, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-18,129**	**N/A**	**Aqueous**	**05/31/06**	**06/01/06**	**060601L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1000	1		1,3-Dichloropropane	ND	100	1	
Benzene	ND	50	1		2,2-Dichloropropane	ND	100	1	
Bromobenzene	ND	100	1		1,1-Dichloropropene	ND	100	1	
Bromochloromethane	ND	100	1		c-1,3-Dichloropropene	ND	50	1	
Bromodichloromethane	ND	100	1		t-1,3-Dichloropropene	ND	50	1	
Bromoform	ND	100	1		Ethylbenzene	ND	100	1	
Bromomethane	ND	1000	1		2-Hexanone	ND	1000	1	
2-Butanone	ND	1000	1		Isopropylbenzene	ND	100	1	
n-Butylbenzene	ND	100	1		p-Isopropyltoluene	ND	100	1	
sec-Butylbenzene	ND	100	1		Methylene Chloride	2300	1000	1	
tert-Butylbenzene	ND	100	1		4-Methyl-2-Pentanone	ND	1000	1	
Carbon Disulfide	ND	1000	1		Naphthalene	ND	1000	1	
Carbon Tetrachloride	ND	50	1		n-Propylbenzene	ND	100	1	
Chlorobenzene	ND	100	1		Styrene	ND	100	1	
Chloroethane	ND	100	1		1,1,1,2-Tetrachloroethane	ND	100	1	
Chloroform	ND	100	1		1,1,2,2-Tetrachloroethane	ND	100	1	
Chloromethane	ND	1000	1		Tetrachloroethene	ND	100	1	
2-Chlorotoluene	ND	100	1		Toluene	ND	100	1	
4-Chlorotoluene	ND	100	1		1,2,3-Trichlorobenzene	ND	100	1	
Dibromochloromethane	ND	100	1		1,2,4-Trichlorobenzene	ND	100	1	
1,2-Dibromo-3-Chloropropane	ND	500	1		1,1,1-Trichloroethane	ND	100	1	
1,2-Dibromoethane	ND	100	1		1,1,2-Trichloroethane	ND	100	1	
Dibromomethane	ND	100	1		Trichloroethene	ND	100	1	
1,2-Dichlorobenzene	ND	100	1		Trichlorofluoromethane	ND	1000	1	
1,3-Dichlorobenzene	ND	100	1		1,2,3-Trichloropropane	ND	500	1	
1,4-Dichlorobenzene	ND	100	1		1,2,4-Trimethylbenzene	ND	100	1	
Dichlorodifluoromethane	ND	100	1		1,3,5-Trimethylbenzene	ND	100	1	
1,1-Dichloroethane	ND	100	1		Vinyl Acetate	ND	1000	1	
1,2-Dichloroethane	ND	50	1		Vinyl Chloride	ND	50	1	
1,1-Dichloroethene	ND	100	1		p/m-Xylene	ND	100	1	
c-1,2-Dichloroethene	ND	100	1		o-Xylene	ND	100	1	
t-1,2-Dichloroethene	ND	100	1		Methyl-t-Butyl Ether (MTBE)	ND	100	1	
1,2-Dichloropropane	ND	100	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	133	74-140		1,2-Dichloroethane-d4	138	74-146	
Toluene-d8	98	88-112		1,4-Bromofluorobenzene	79	74-110	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 05/31/06
Work Order No: 06-05-1810

Project: 1784 150th Street San Leandro, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
PG-1	**06-05-1810-1**	**05/25/06**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Cyanide, Reactive	ND	0.50	1		mg/kg	06/01/06	06/01/06	SW-846, Chapter 7
Sulfide, Reactive	8.5	2.0	1		mg/kg	06/01/06	06/01/06	SW-846, Chapter 7

Method Blank	**N/A**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Cyanide, Reactive	ND	0.50	1		mg/kg	06/01/06	06/01/06	SW-846, Chapter 7
Sulfide, Reactive	ND	2.0	1		mg/kg	06/01/06	06/01/06	SW-846, Chapter 7

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Kiff Analytical	Date Received:	05/31/06
2795 2nd Street, Suite 300	Work Order No:	06-05-1810
Davis, CA 95616-6593	Preparation:	EPA 3050B
	Method:	EPA 6010B

Project 1784 150th Street San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-05-1853-1	**Solid**	**ICP 3300**	**05/31/06**	**06/01/06**	**060531S05**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	67	64	50-115	4	0-20	
Arsenic	103	104	75-125	2	0-20	
Barium	101	101	75-125	0	0-20	
Beryllium	102	102	75-125	0	0-20	
Cadmium	113	113	75-125	0	0-20	
Chromium	103	104	75-125	1	0-20	
Cobalt	104	105	75-125	1	0-20	
Copper	98	98	75-125	0	0-20	
Lead	113	122	75-125	6	0-20	
Molybdenum	92	92	75-125	0	0-20	
Nickel	104	105	75-125	0	0-20	
Selenium	96	97	75-125	0	0-20	
Silver	110	111	75-125	1	0-20	
Thallium	92	93	75-125	1	0-20	
Vanadium	115	116	75-125	1	0-20	
Zinc	160	169	75-125	4	0-20	3

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Kiff Analytical	Date Received: 05/31/06
2795 2nd Street, Suite 300	Work Order No: 06-05-1810
Davis, CA 95616-6593	Preparation: EPA 7471A Total
	Method: EPA 7471A

Project 1784 150th Street San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-05-1793-1	**Solid**	**Mercury**	**05/31/06**	**05/31/06**	**060531S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	119	118	76-136	1	0-16	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 05/31/06
Work Order No: 06-05-1810
Preparation: EPA 1311
Method: EPA 8270C

Project 1784 150th Street San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
PG-1	**Solid**	**GC/MS J**	**06/01/06**	**06/02/06**	**060601S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Phenol	49	50	20-120	2	0-42	
2-Chlorophenol	85	88	23-134	3	0-40	
1,4-Dichlorobenzene	77	84	20-124	8	0-28	
N-Nitroso-di-n-propylamine	94	96	0-230	2	0-38	
1,2,4-Trichlorobenzene	76	80	44-142	6	0-28	
Acenaphthene	90	92	47-145	3	0-31	
2,4-Dinitrotoluene	89	90	39-139	1	0-38	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Kiff Analytical	Date Received: 05/31/06
2795 2nd Street, Suite 300	Work Order No: 06-05-1810
Davis, CA 95616-6593	Preparation: EPA 3545
	Method: EPA 8082

Project 1784 150th Street San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-05-1809-1	**Solid**	**GC 10**	**06/01/06**	**06/01/06**	**060601S04**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Aroclor-1260	114	118	50-135	4	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Kiff Analytical	Date Received: 05/31/06
2795 2nd Street, Suite 300	Work Order No: 06-05-1810
Davis, CA 95616-6593	Preparation: Extraction
	Method: EPA 418.1M

Project 1784 150th Street San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-05-1809-1	**Solid**	**IR #1**	**06/02/06**	**06/02/06**	**060602S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TRPH	88	90	55-135	2	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Kiff Analytical	Date Received:	05/31/06
2795 2nd Street, Suite 300	Work Order No:	06-05-1810
Davis, CA 95616-6593	Preparation:	EPA 1311
	Method:	EPA 8260B

Project 1784 150th Street San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-05-1813-1	**Solid**	**GC/MS Z**	**05/31/06**	**06/01/06**	**060601S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	99	88-118	4	0-7	
Carbon Tetrachloride	88	87	67-145	1	0-11	
Chlorobenzene	101	99	88-118	3	0-7	
1,2-Dichlorobenzene	103	103	86-116	0	0-8	
1,1-Dichloroethene	89	88	70-130	1	0-25	
Toluene	104	100	87-123	4	0-8	
Trichloroethene	95	92	79-127	4	0-10	
Vinyl Chloride	85	83	69-129	2	0-13	
Methyl-t-Butyl Ether (MTBE)	92	94	71-131	2	0-13	
Tert-Butyl Alcohol (TBA)	82	85	36-168	4	0-45	
Diisopropyl Ether (DIPE)	101	102	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	96	100	72-126	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	105	107	72-126	2	0-12	
Ethanol	90	88	53-149	3	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

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

Date Received: N/A
Work Order No: 06-05-1810

Project: 1784 150th Street San Leandro, CA

Matrix: Solid

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Cyanide, Reactive	SW-846, Chapter 7	PG-1	06/01/06	ND	ND	NA	0-25	
Sulfide, Reactive	SW-846, Chapter 7	06-05-1809-1	06/01/06	ND	ND	NA	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Kiff Analytical		Date Received:	N/A
2795 2nd Street, Suite 300		Work Order No:	06-05-1810
Davis, CA 95616-6593		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: 1784 150th Street San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-7,678	**Solid**	**ICP 3300**	**05/31/06**	**05/31/06**	**060531L05**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	101	107	80-120	6	0-20	
Arsenic	103	107	80-120	3	0-20	
Barium	108	112	80-120	3	0-20	
Beryllium	102	106	80-120	4	0-20	
Cadmium	108	113	80-120	5	0-20	
Chromium	106	110	80-120	4	0-20	
Cobalt	110	114	80-120	3	0-20	
Copper	97	100	80-120	3	0-20	
Lead	109	114	80-120	5	0-20	
Molybdenum	107	108	80-120	1	0-20	
Nickel	110	113	80-120	3	0-20	
Selenium	101	102	80-120	1	0-20	
Silver	103	107	80-120	4	0-20	
Thallium	98	104	80-120	6	0-20	
Vanadium	102	106	80-120	3	0-20	
Zinc	97	116	80-120	17	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Kiff Analytical		Date Received:	N/A
2795 2nd Street, Suite 300		Work Order No:	06-05-1810
Davis, CA 95616-6593		Preparation:	EPA 7471A Total
		Method:	EPA 7471A

Project: 1784 150th Street San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-007-3,947	**Solid**	**Mercury**	**05/31/06**	**05/31/06**	**060531L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	94	94	82-124	0	0-16	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Kiff Analytical		Date Received:	N/A
2795 2nd Street, Suite 300		Work Order No:	06-05-1810
Davis, CA 95616-6593		Preparation:	EPA 1311
		Method:	EPA 8270C

Project: 1784 150th Street San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
096-02-007-878	**Aqueous**	**GC/MS J**	**06/01/06**	**06/02/06**	**060601L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Phenol	49	54	20-120	11	0-42	
2-Chlorophenol	88	84	23-134	4	0-40	
1,4-Dichlorobenzene	82	76	20-124	8	0-28	
N-Nitroso-di-n-propylamine	97	91	0-230	6	0-38	
1,2,4-Trichlorobenzene	80	74	44-142	8	0-28	
Acenaphthene	91	87	47-145	5	0-31	
2,4-Dinitrotoluene	88	87	39-139	1	0-38	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Kiff Analytical		Date Received:	N/A
2795 2nd Street, Suite 300		Work Order No:	06-05-1810
Davis, CA 95616-6593		Preparation:	EPA 3545
		Method:	EPA 8082

Project: 1784 150th Street San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-07-009-877	**Solid**	**GC 10**	**06/01/06**	**06/01/06**	**060601L04**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Aroclor-1260	131	133	50-135	1	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Kiff Analytical		Date Received:	N/A
2795 2nd Street, Suite 300		Work Order No:	06-05-1810
Davis, CA 95616-6593		Preparation:	Extraction
		Method:	EPA 418.1M

Project: 1784 150th Street San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-07-015-975	**Solid**	**IR #1**	**06/02/06**	**NONE**	**060602L01**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
TRPH	100	92	92	70-130	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Kiff Analytical		Date Received:	N/A
2795 2nd Street, Suite 300		Work Order No:	06-05-1810
Davis, CA 95616-6593		Preparation:	EPA 5030B
		Method:	EPA 8260B

Project: 1784 150th Street San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-18,129	**Aqueous**	**GC/MS Z**	**06/01/06**	**06/01/06**	**060601L04**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	100	84-120	2	0-8	
Carbon Tetrachloride	92	88	63-147	4	0-10	
Chlorobenzene	100	100	89-119	0	0-7	
1,2-Dichlorobenzene	102	101	89-119	1	0-9	
1,1-Dichloroethene	91	89	77-125	2	0-16	
Toluene	103	101	83-125	2	0-9	
Trichloroethene	96	96	89-119	0	0-8	
Vinyl Chloride	88	85	63-135	4	0-13	
Methyl-t-Butyl Ether (MTBE)	93	94	82-118	1	0-13	
Tert-Butyl Alcohol (TBA)	92	88	46-154	4	0-32	
Diisopropyl Ether (DIPE)	103	102	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	99	100	74-122	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	105	108	76-124	3	0-10	
Ethanol	95	90	60-138	6	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-05-1810

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

KIFF Analytical LLC

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. 1810

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Scott Forbes

EDF Report? _X_ Yes __No

Company/Address: Kiff Analytical, LLC

Recommended but not mandatory to complete this section:

Sampling Company Log Code: CETO

Global ID: T0600101230

EDF Deliverable to (Email Address): inbox@kiffanalytical.com

Phone No.: | FAX No.:

Project Number: 207-0612-002 | P.O. No.: 50245

E-mail address: inbox@kiffanalytical.com

Project Name: 1784 150th Street San Leandro, CA

Project Address:

Sample Designation	Sampling Date	Sampling Time	Container: Glass	Container: Poly	Container: Sleeve	Container: Amber	Container:	Preservative: HCl	Preservative: HNO_3	Preservative: H_2SO_4	Preservative: NONE	Preservative: $Na_2S_2O_3$	Matrix: WATER	Matrix: SOIL		Analysis Request: TRPH (EPA 418.1)	CAM 17 METALS*	TCLP 8260B	TCLP 8270C	PCBs by EPA 8082	Reactive Sulfides & Cyanides			Date due: June 5, 2006	For Lab Use Only
PG-1	5/25/06	900	1								X			X		X	X	X	X	X	X			X	

Relinquished by:	Date	Time	Received by:
Kiff Analytical	5/30/06 53006	19:00	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date 5/31/06	Time 0600	Received by Laboratory:

Remarks: *This is a SHELL Project. STLC ON ALL TTLC METALS 10 X STLC MAXIMUM: TTLC LEAD => 13 MG/KG REQUIRES ORGANIC LEAD ANALYSIS

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 05 - 1810

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Tetra Tech DATE: 5/31/06

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):

3.8 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: JP

CUSTODY SEAL INTACT:

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

Initial: JP

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC		✓	
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: JP

COMMENTS:

LAB: KIFF Other_____
Lab Identification (if necessary):
☐ TA - Irvine, California
☐ TA - Morgan Hill, California
☐ TA - Nashville, Tennessee
☐ STL
☑ Other (location)_____

50245

SHELL Chain Of Custody Record

DISP

Shell Project Manager to be invoiced:
☐ ENVIRONMENTAL SERVICES
☑ TECHNICAL SERVICES — Jim Martin
☐ CRMT: HOUSTON
☑ NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

INCIDENT NUMBER (ES ONLY)

SAP or CRM NUMBER (TS/CRMT): 1 3 6 0 1 9

DATE: 5/25/06
PAGE: 1 of 1

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS: 1784 150th Street San Leandro,CA	State: CA	GLOBAL ID NO.:
Cambria Environmental Technology, Inc.	CETO			T0600101230

ADDRESS:	EDF DELIVERABLE TO (Responsible Party or Designee):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
5900 Hollis Street Suite A Emeryville, CA	shell.em.edf@cambria-env.com	(510) 420-0700	shell.em.edf@cambria-env.com	207-0612-002

PROJECT CONTACT (Hardcopy or PDF Report to):	TELEPHONE:	FAX:	E-MAIL:	SAMPLER NAME(S) (Print):
Stewart Dalle	(510) 420-3339	(510) 420-9170	sdalle@cambria-env.com	~~Stewart Dalle~~ Rob Borzwe

TURNAROUND TIME (STANDARD IS 10 CALENDAR DAYS):
☐ STD ☐ 5 DAY ☑ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ 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 cc lab results to sdalle@cambria-env.com and acool@cambria-env.com

72hr TAT or sooner, 8 buis day's no partial or preliminary reports (final only)

RECEIPT VERIFICATION REQUESTED ☑

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH gas - Purgeable (8260B)	TPH diesel - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	1,2 DCA (8260B)	EDB (8260B)	PNAs (8270)	PCP (8270)	Chlorinated Hydrocarbons (8260)	Oil & grease (9070)	Cam 6 Metals Cd, Cr, Pb, Zn, Ni	Creosote (8270)	PCBs (8082)	Disposal (see Attached analysis)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
3	PG-1A	5/25	900	SO	1														X	Composite sample
4	PG-1B	↓	↓	↓	↓														X	ID = PG-1
1	PG-1C																		X	
1	PG-1D																		X	

TEMPERATURE ON RECEIPT C°

Sample Receipt
Temp °C 4.8 Therm. ID# IR-4
Initial RLua
Date 052606 Time 1750
Coolant present: Yes / No

	Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
1		Serina Cordova	5/25/2006	1430
2				
3		Ron McKee Kiff Analytical	052606	1108

11/18/05 Revision

C&Q Graphic (714) 895-9702

~~EA~~ ~~20~~ 50245

ISSUED DATE: 05/23/97
CANCELS ISSUE: 03/05/97
ISSUED BY: RLG

MATERIAL: SOIL CONTAMINATED WITH WASTE OIL

USE FOR ARIZONA , CALIFORNIA AND NEVADA WASTE ONLY!!!

MINIMUM REQUIRED TESTING

TPHd, TPHg
TRPH = TOTAL RECOVERABLE PETROLEUM HYDROCARBONS = EPA 418.1
~~BTXE = EPA 8020~~
CAM METALS = TTLC ALL: 17
STLC ON ALL TTLC METALS 10 X STLC MAXIMUM:
TTLC LEAD => 13 MG/KG REQUIRES ORGANIC ANALYSIS
TCLP EXTRACTION = EPA 1311 **AND**
VOC ON EXTRACT = EPA ~~8240~~ 8260
SVOC ON EXTRACT = EPA 8270
~~METALS ON EXTRACT = EPA 6010, (USE 7470 FOR Hg)~~

NOTE: IF PESTICIDES = EPA 8080 (ON EXTRACT)
IF HERBICIDES = EPA 8150 (ON EXTRACT)

PCBs = EPA METHOD 8080 (NOT ON EXTRACT)
HYDROGEN SULFIDE = SW-846 (7.3.4.2) (REACTIVITY)
HYDROGEN CYANIDE = SW-846 (7.3.3.2) (REACTIVITY)
~~pH (CORROSIVITY)~~
If TPH ≥ 5000 ppm,
AQUATIC BIOASSAY (FISH TOX) = PART 800 OF "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER (15TH EDITION)"

LABORATORY INSTRUCTIONS (MINIMUM GUIDELINES ONLY)

~~TRPH REQUIRED ON ALL SAMPLES~~
- ALL OTHER TESTS REQUIRED TO BE RUN ON COMPOSITE(S) MAXIMUM 4 SAMPLES PER COMPOSITE.
- STLC REQUIRED FOR METALS WITH TTLC VALUE 10 X STLC MAXIMUM.
- ORGANIC ANALYSIS REQUIRED FOR TTLC LEAD OF 13 MG/KG OR GREATER.
- LABORATORY IS TO SUPPLY QA/QC INFORMATION WITH ALL ANALYTICAL REPORTS
~~VIA: OR FAX ALL ANALYSIS TO PERSON REQUESTING ANALYSIS~~

ATTACHMENT C

Unauthorized Release Report

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☒ NO — HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☒ NO

REPORT DATE: 06/06/06 (M M D D Y Y) — CASE #:

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFETY CODE.
SIGNED — DATE

REPORTED BY
NAME OF INDIVIDUAL FILING REPORT: Tim Woodson — PHONE: (925) 766-3494 — SIGNATURE: Tim Woodson FOR SOPUS
REPRESENTING ☒ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☐ OTHER _____ — COMPANY OR AGENCY NAME: Shell Oil Products US
ADDRESS: 20945 S. Wilmington (STREET) — Carson (CITY) — CA (STATE) — 90810 (ZIP)

RESPONSIBLE PARTY
NAME: Shell Oil Products US ☐ UNKNOWN — CONTACT PERSON: Denis Brown — PHONE: (707) 865-0251
ADDRESS: 20945 S. Wilmington (STREET) — Carson (CITY) — CA (STATE) — 90810 (ZIP)

SITE LOCATION
FACILITY NAME (IF APPLICABLE): Shell-branded service station — OPERATOR: Bansal Inc. — PHONE: (510) 276-6556
ADDRESS: 1784 150th Avenue (STREET) — San Leandro (CITY) — Alameda County (COUNTY) — 94578 (ZIP)
CROSS STREET: Freedom Avenue

IMPLEMENTING AGENCIES
LOCAL AGENCY — AGENCY NAME: Alameda County Environmental Health — CONTACT PERSON: Robert Weston — PHONE: (510) 567-6781
REGIONAL BOARD: San Francisco Bay — George Leyva — PHONE: (510) 622-2300

SUBSTANCES INVOLVED
(1) NAME: TPHd- 4.3 ppm (W0-1-6.5) — QUANTITY LOST (GALLONS) ☒ UNKNOWN
(2) Oil & Grease – 45 ppm (W0-1-6.5) ☒ UNKNOWN

DISCOVERY/ABATEMENT
DATE DISCOVERED: 06/05/06 (M M D D Y Y) — HOW DISCOVERED: ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☒ TANK REMOVAL ☐ OTHER
DATE DISCHARGE BEGAN: (M M D D Y Y) ☒ UNKNOWN
HAS DISCHARGE BEEN STOPPED? ☒ YES ☐ NO IF YES, DATE: 05/25/06 (M M D D Y Y)
METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY): ☐ REMOVE CONTENTS ☐ REPLACE TANK ☒ CLOSE TANK ☐ REPAIR TANK ☐ REPAIR PIPING ☐ CHANGE PROCEDURE ☐ OTHER

SOURCE/CAUSE
SOURCE OF DISCHARGE: ☐ TANK LEAK ☒ UNKNOWN ☐ PIPING LEAK ☐ OTHER
CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☐ CORROSION ☒ UNKNOWN ☐ OTHER

CASE TYPE
CHECK ONE ONLY: ☒ UNDETERMINED ☐ SOIL ONLY ☐ GROUND WATER ☐ DRINKING WATER – (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS
CHECK ONE ONLY: ☒ NO ACTION TAKEN ☐ LEAK BEING CONFIRMED ☐ REMEDIATION PLAN ☐ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☐ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ POLLUTION CHARACTERIZATION ☐ POST CLEANUP MONITORING IN PROGRESS ☐ CLEANUP UNDERWAY

REMEDIAL ACTION
CHECK APPROPRIATE ACTION(S): ☐ CAP SITE (CD) ☐ CONTAINMENT BARRIER (CB) ☐ VACUUM EXTRACT (VE) ☐ EXCAVATE & DISPOSE (ED) ☐ EXCAVATE & TREAT (ET) ☐ NO ACTION REQUIRED (NA) ☒ OTHER (OT) Pending agency evaluation. ☐ REMOVE FREE PRODUCT (FP) ☐ PUMP & TREAT GROUND WATER (GT) ☐ TREATMENT AT HOOKUP (HU) ☐ ENHANCED BIO DEGRADATION (IT) ☐ REPLACE SUPPLY (RS) ☐ VENT SOIL (VS)

COMMENTS
Soil concentrations were found during waste oil tank removal activities including TPHd, TPH oil and grease, lead, chromium, nickel, and zinc. Cambria Environmental Technology, Inc., notified Alameda County Environmental Health. Cambria left a message for case worker Robert Weston. A report documenting the reported findings will be submitted to the agency within 60 days.