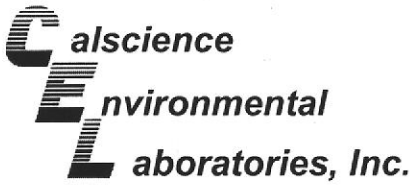


PO-367



March 28, 2005

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

Subject: **Calscience Work Order No.: 05-03-1555**  
**Client Reference: 1784 150th Street, San Leandro, CA**

Dear Client:

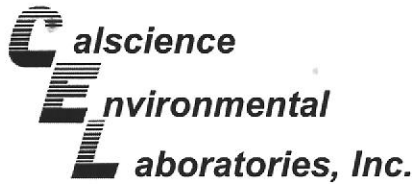
Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/24/2005 and analyzed in accordance with the attached chain-of-custody.

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



## Analytical Report



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

Date Received: 03/24/05  
Work Order No: 05-03-1555  
Preparation: EPA 3050B  
Method: EPA 6010B

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
D-1-3.5	05-03-1555-1	03/22/05	Solid	03/24/05	03/24/05	050324L01A

Parameter	Result	RL	DF	Qual	Units
Lead	75.7	0.5	1		mg/kg

D-4-3.5	05-03-1555-2	03/22/05	Solid	03/24/05	03/24/05	050324L01A
---------	--------------	----------	-------	----------	----------	------------

Parameter	Result	RL	DF	Qual	Units
Lead	1.89	0.50	1		mg/kg

D-2-3.5	05-03-1555-3	03/22/05	Solid	03/24/05	03/24/05	050324L01A
---------	--------------	----------	-------	----------	----------	------------

Parameter	Result	RL	DF	Qual	Units
Lead	2.06	0.50	1		mg/kg

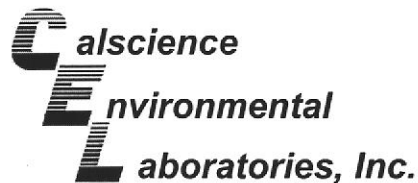
D-3-3.5	05-03-1555-4	03/22/05	Solid	03/24/05	03/24/05	050324L01A
---------	--------------	----------	-------	----------	----------	------------

Parameter	Result	RL	DF	Qual	Units
Lead	5.19	0.50	1		mg/kg

Method Blank	097-01-002-6,245	N/A		Solid	03/24/05	03/24/05	050324L01A
--------------	------------------	-----	--	-------	----------	----------	------------

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: 03/24/05  
Work Order No: 05-03-1555  
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
05-03-1520-15	Solid	ICP 3300	03/24/05	03/25/05	050324S01

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

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:	05-03-1555
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
097-01-002-6,245	Solid	ICP 3300	03/24/05	050324-I-01	050324L01A

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Lead	50.0	53.1	106	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Work Order Number: 05-03-1555

<u>Qualifier</u>	<u>Definition</u>
*	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.



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. 1555

Page 1 of 1

Project Contact (Hardcopy or PDF to): Joel Kiff      Geotracker COELT EDD REPORT?  YES     NO      **Chain-of-Custody Record and Analysis Request**

Company/Address: Kiff Analytical, LLC      Sampling Company Log Code: CETE      **Analysis Request**      Date Due:

Phone No.:      FAX No.:      Global ID: T0600101230

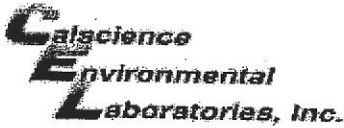
Project Number: 207-0612-001      P.O. No.: 42923      EDF Deliverable to (Email Address): inbox@kiffanalytical.com

Project Name: 1784 150th Street, San Leandro, CA      E-mail address: inbox@kiffanalytical.com

Project Address:      **Sampling**      **Container**      **Preservative**      **Matrix**

Sample Designation	Date	Time	Container					Preservative				Matrix			Total Lead	Date Due	For Lab Use Only				
			Glass Jar	Poly	Amber	Sleeve	Tedlar	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	ICE	NONE	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	WATER	SOIL				AIR			
D-1-3.5	3/22/05	10:30	1						X	X			X			X				X	
D-4-3.5	3/22/05	10:55	1						X	X			X			X				X	
D-2-3.5	3/22/05	11:05	1						X	X			X			X				X	
D-3-3.5	3/22/05	11:11	1						X	X			X			X				X	

Relinquished by: <u>[Signature]</u> Kiff Analytical LLC	Date: <u>03/23/05</u>	Time: <u>1900</u>	Received by:	Remarks:
Relinquished by:	Date:	Time:	Received by:	
Relinquished by: <u>[Signature]</u>	Date: <u>3-24-05</u>	Time: <u>0815</u>	Received by Laboratory: <u>[Signature]</u>	



WORK ORDER #:

05 - 03 - 1555

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: KIFF ANALYTICAL

DATE: 3-24-05

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):

- 3.9 °C Temperature blank.
°C IR thermometer.
Ambient temperature.

Initial: WB

CUSTODY SEAL INTACT:

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

Initial: WB

SAMPLE CONDITION:

Table with 3 columns: 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, VOA vial(s) free of headspace, Tedlar bag(s) free of condensation.

Initial: WB

COMMENTS:

Multiple horizontal lines for writing comments.

720 Olive Drive, Suite D

Davis, CA 95616

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

Shell Project Manager to be invoiced:

SCIENCE & ENGINEERING  
 TECHNICAL SERVICES  
 CRMT HOUSTON

Bill Merchant

INCIDENT NUMBER (S&E ONLY)

DATE: 3/22/05

DATE: 3/22/05

PAGE: 1 of 1

1 3 6 0 1 9

CLIENT: Cambria Environmental  
 ADDRESS: 5900 Hollis Street; Suite A, Emeryville, CA 94608  
 PROJECT CONTACT (Hardcopy or PDF Report to): Marty Wills  
 TELEPHONE: 510-420-3342 FAX: 510-420-9170 E-MAIL: mwills@cambria-env.com

LOG CODE:  
 SITE ADDRESS (Street and City): 1784 150th Street, San Leandro, CA  
 GLOBAL ID NO.: T0600101230

EDF DELIVERABLE TO (Responsible Party or Designee): shelloaklandef@cambria-env.com PHONE NO.:  
 E-MAIL: CONSULTANT PROJECT NO.: 207-0612-001

SAMPLER NAME(S): Ron Barone

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 rbarone@cambria-env  
 cc: ~~Barone~~ @eco.alameda.ca.us  
 Any questions please call 510-420-3308

REQUESTED ANALYSIS

Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Purgeable	TPH - Extractable (6015m)	BTEX	MTBE	IBA	5 Oxygenates	1,2 DCA and EDB	Ethanol	Methanol	VOCs by 8260B	Semi-Volatiles by 8270C	Lead <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	LUFT5 <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	CAM17 <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	Test for Disposal	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes	
	DATE	TIME																			
D-1-3.5	3/22	1030	SO	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-01
D-4-3.5	3/22	1055	SO	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-02
D-2-3.5	3/22	1105	SO	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-03
D-3-3.5	3/22	1111	SO	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-04

Relinquished by: (Signature) *[Signature]* Received by: (Signature) *Secure Locations* Date: March 22, 05 Time: 1400

Relinquished by: (Signature) *D. Thompson* Received by: (Signature) Date: 3/22/05 Time: 1541

Relinquished by: (Signature) *[Signature]* Received by: (Signature) *Osara Abate / Kiff Analytical* Date: 03 22 05 Time: 1541





Report Number : 42923

Date : 3/23/2005

Martin Wills  
Cambria Environmental Technology, Inc.  
5900 Hollis Street, Suite A  
Emeryville, CA

Subject : 4 Soil Samples  
Project Name : 1784 150th Street, San Leandro, CA  
Project Number : 207-0612-001  
P.O. Number : 136019

Dear Mr. Wills,

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 : 42923

Date : 3/23/2005

**QC Report : Method Blank Data**

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

Project Number : 207-0612-001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/22/2005
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/22/2005
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/22/2005
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/22/2005
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/22/2005
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/22/2005
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/22/2005
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/22/2005
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/22/2005
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	3/22/2005
1,2-Dichloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/22/2005
1,2-Dibromoethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/22/2005
Toluene - d8 (Surr)	98.6		%	EPA 8260B	3/22/2005
4-Bromofluorobenzene (Surr)	98.4		%	EPA 8260B	3/22/2005
Dibromofluoromethane (Surr)	102		%	EPA 8260B	3/22/2005
1,2-Dichloroethane-d4 (Surr)	104		%	EPA 8260B	3/22/2005
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/23/2005
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/23/2005
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/23/2005
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/23/2005
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/23/2005
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/23/2005
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/23/2005
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/23/2005
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/23/2005
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	3/23/2005
1,2-Dichloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/23/2005
1,2-Dibromoethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/23/2005
Toluene - d8 (Surr)	98.9		%	EPA 8260B	3/23/2005
4-Bromofluorobenzene (Surr)	98.8		%	EPA 8260B	3/23/2005
Dibromofluoromethane (Surr)	103		%	EPA 8260B	3/23/2005
1,2-Dichloroethane-d4 (Surr)	103		%	EPA 8260B	3/23/2005

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 : 42923

Date : 3/23/2005

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : 1784 150th Street, San

Project Number : 207-0612-001

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	42862-03	<0.0050	0.0370	0.0378	0.0363	0.0399	mg/Kg	EPA 8260B	3/22/05	97.9	106	7.57	70-130	25
Toluene	42862-03	<0.0050	0.0370	0.0378	0.0309	0.0362	mg/Kg	EPA 8260B	3/22/05	83.4	95.6	13.6	70-130	25
Tert-Butanol	42862-03	<0.0050	0.185	0.189	0.189	0.198	mg/Kg	EPA 8260B	3/22/05	102	105	2.68	70-130	25
Methyl-t-Butyl Ether	42862-03	<0.0050	0.0370	0.0378	0.0382	0.0394	mg/Kg	EPA 8260B	3/22/05	103	104	1.01	70-130	25
Benzene	42849-01	<0.0050	0.0378	0.0380	0.0419	0.0408	mg/Kg	EPA 8260B	3/23/05	111	107	3.26	70-130	25
Toluene	42849-01	<0.0050	0.0378	0.0380	0.0397	0.0364	mg/Kg	EPA 8260B	3/23/05	105	95.7	9.14	70-130	25
Tert-Butanol	42849-01	<0.0050	0.189	0.190	0.197	0.186	mg/Kg	EPA 8260B	3/23/05	104	98.0	5.96	70-130	25
Methyl-t-Butyl Ether	42849-01	<0.0050	0.0378	0.0380	0.0414	0.0397	mg/Kg	EPA 8260B	3/23/05	110	104	4.99	70-130	25

Approved By:  Joe Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 42923

Date : 3/23/2005

**QC Report : Laboratory Control Sample (LCS)**

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

Project Number : **207-0612-001**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	0.0400	mg/Kg	EPA 8260B	3/22/05	99.3	70-130
Toluene	0.0400	mg/Kg	EPA 8260B	3/22/05	96.9	70-130
Tert-Butanol	0.200	mg/Kg	EPA 8260B	3/22/05	90.2	70-130
Methyl-t-Butyl Ether	0.0400	mg/Kg	EPA 8260B	3/22/05	94.9	70-130
Benzene	0.0401	mg/Kg	EPA 8260B	3/23/05	106	70-130
Toluene	0.0401	mg/Kg	EPA 8260B	3/23/05	102	70-130
Tert-Butanol	0.200	mg/Kg	EPA 8260B	3/23/05	96.6	70-130
Methyl-t-Butyl Ether	0.0401	mg/Kg	EPA 8260B	3/23/05	104	70-130

KIFF ANALYTICAL, LLC

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

Approved By:

  
Joel Kiff