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Denis L. Brown

June 1, 2005

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

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

Re: Dispenser and Piping Upgrade Sampling Report
Shell-branded Service Station
1784 150th Street
San Leandro, California
SAP Code 136019
Incident No. 98996068

Dear Mr. Weston:

Attached for your review and comment is a copy of the *Dispenser and Piping Upgrade Sampling 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
Sr. Environmental Engineer

Mr. Robert Weston
Senior Hazardous Materials Specialist
Department of Environmental Health Services
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Re: **Dispenser and Piping Upgrade Sampling Report**
Shell-branded Service Station
1784 150th Street
San Leandro, California
SAP Code 136019
Cambria Project # 207-0612-001



Dear Mr. Weston:

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

SITE CONDITIONS

Site Location: The site is an operating Shell-branded service station located at the southern corner of 150th Street and Freedom Avenue in San Leandro, California (Figure 1). The area surrounding the site is of mixed commercial and residential use. The site has a station building, four dispensers, one waste oil underground storage tank (UST), and three gasoline USTs (Figure 2).

SAMPLING ACTIVITIES AND SAMPLE ANALYSES

**Cambria
Environmental
Technology, Inc.**

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

Personnel Present: Ron Barone, Staff Geologist, Cambria, March 22, 2005
Andy Ellsmore, Staff Geologist, Cambria, April 4, 2005
Lawrence Seto, Senior Hazardous Materials Specialist, Alameda County
Health Care Services Agency (ACHCSA), March 22, 2005
Robert Weston, Senior Hazardous Materials Specialist, ACHCSA,
April 4, 2005

Sampling Dates: March 22 and April 4, 2005

Sampling Requirements: As directed by the inspectors during field activities on March 22 and April 4, 2005, one soil sample was collected beneath each of the four dispensers and beneath product piping joints (Figure 2).

Dispenser and Piping Sampling: Under the inspectors' direction, four dispenser and four piping soil samples were collected at depths of between 2.5 and 3.5 feet below grade (fbg) from native soil (Figure 2). Field indications of hydrocarbons, including staining and odor, were observed in the vicinity of the sampled areas. Based on these field observations, six additional soil samples (D-1-5.0, D-2-5.0, D-4-5.0, P-1-5.0, P-2-5.0, and P-4-5.0) were collected at 5 fbg to further assess the vertical extent of hydrocarbon impact. Attachment A presents Cambria's standard procedures for dispenser and piping sampling.

Sample Analyses: California-State-certified Severn Trent Laboratories Inc. of Pleasanton, California and Kiff Analytical LLC of Davis, California analyzed the seven dispenser and seven piping soil samples for total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, total xylenes, and methyl tertiary butyl ether (MTBE) by EPA Method 8260B. Under Mr. Seto's direction, samples D-1-3.5, D-2-3.5, D-3-3.5 and D-4-2.5 were analyzed additionally for di-isopropyl ether, ethyl-tert butyl ether, tert-amyl methyl ether, tert-butanol alcohol (TBA), 1,2-dichloroethane, and ethylene dibromide by EPA Method 8260B, and for lead by EPA Method 6010B. Table 1 summarizes the laboratory analytical results. Attachment B presents the laboratory analytical reports and chain of custody records.

Soil Disposal: Upgrade activities generated approximately 146 tons of soil. Cambria sampled and profiled the stockpiled soil (SP-1) for disposal, and pea gravel covering the USTs (SP-2) for reuse (Attachment B). Manley & Sons Trucking, Inc. of Sacramento, California, transported the soil from the site to Allied Wastes Industries' Forward Landfill in Manteca, California for disposal as a non-hazardous waste on April 25, 2005. The soil disposal confirmation is included as Attachment C.

ANALYTICAL RESULTS

TPHg was detected in 11 samples, with a maximum concentration of 4,100 parts per million (ppm) in sample P-4-5.0. Benzene was detected in six samples at a maximum concentration of 11 ppm in sample P-4-2.5. Toluene was detected in seven samples, with a maximum concentration of 83 ppm in sample P-4-2.5. Ethylbenzene was detected in 10 samples, with a maximum concentration of 48 ppm in sample P-4-5.0. Total xylenes were detected in

12 samples, with a maximum concentration of 280 ppm in sample P-4-2.5. MTBE was detected in five samples at a maximum concentration of 0.18 ppm in sample D-1-3.5. TBA was detected in sample D-3-3.5 at a concentration of 0.023 ppm. Lead was detected in four samples, with a maximum concentration of 75.7 ppm in sample D-1-3.5. No other analytes were detected. Table 1 summarizes laboratory analytical results. Attachment B presents the certified analytical reports.

CONCLUSIONS

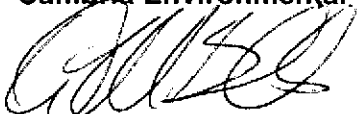


Petroleum hydrocarbons, fuel oxygenates, and lead were detected in soil samples collected during dispenser and piping upgrade activities. Currently this site is an open case with the ACHCSA Department of Environmental Health Services. There is a groundwater monitoring network with 11 monitoring wells on and off site and an active remediation system on site. No additional investigation is recommended at this time.

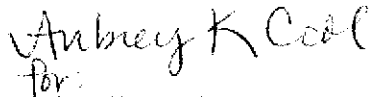
CLOSING

Please call David Gibbs (510) 420-3363 if you have any questions or comments.

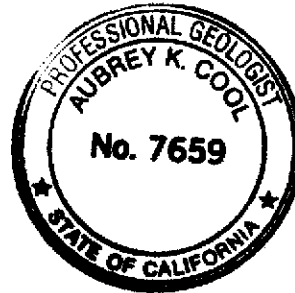
Sincerely,
Cambria Environmental Technology, Inc.



David Gibbs
Project Geologist



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



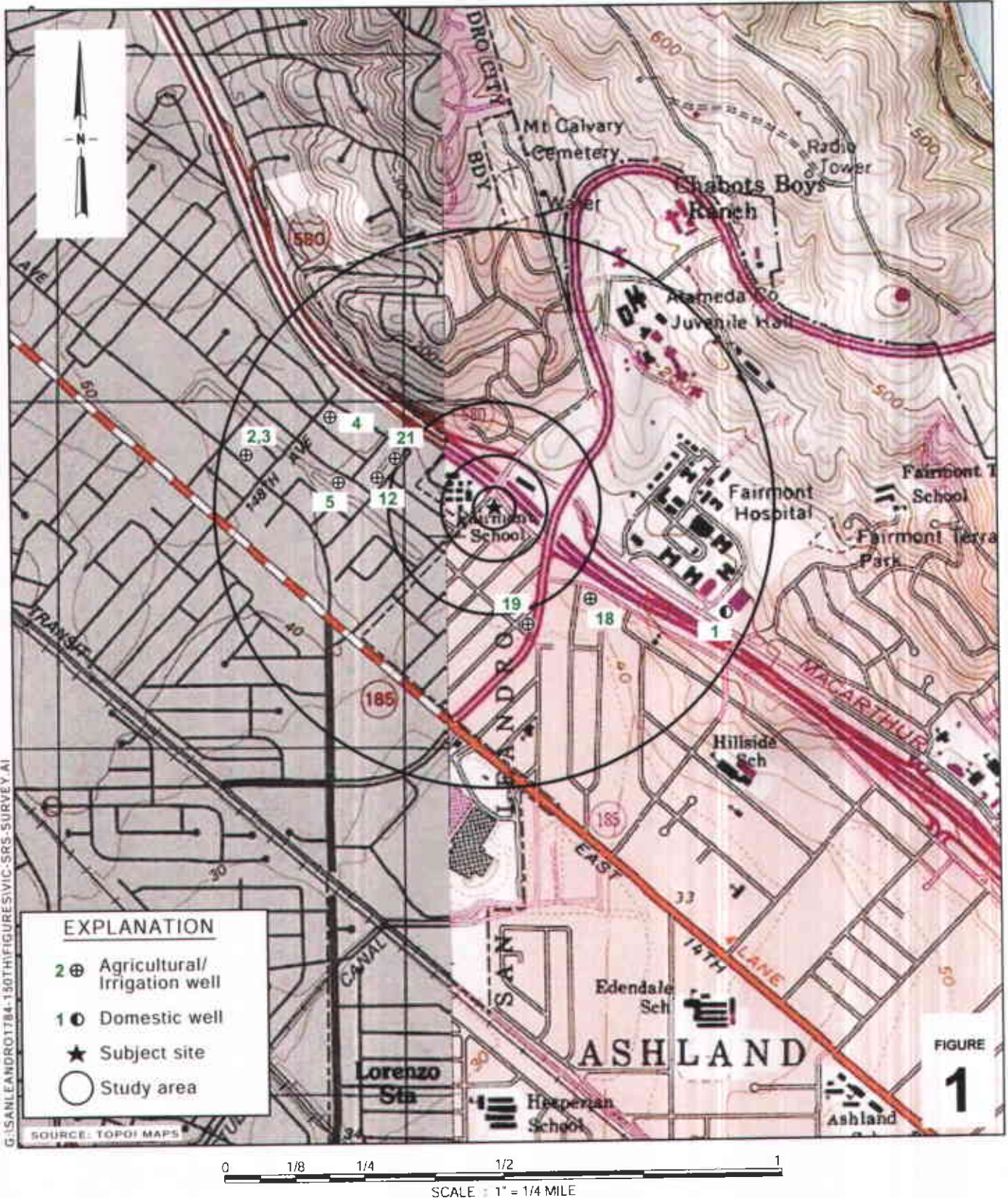
Figures: 1 - Vicinity/ Sensitive Receptor Survey Map
 2 - Site Plan

Table: 1 - Historical Soil Analytical Results

Attachments: A - Standard Piping and Dispenser Removal Sampling Procedures
 B - Certified Laboratory Analytical Reports
 C - Soil Disposal Confirmation

cc: Denis Brown, Shell Oil Products US, 20945 S. Wilmington, Carson CA 90810
 Bill Merchant, Shell Oil Products US, 9141 E. Stockton Blvd., Suite #250-321, Elk
 Grove, CA 95624
 Lawrence Seto, Department of Environmental Health Services, Alameda County Health
 Care Services Agency, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502
 Jerry Wickham, Department of Environmental Health Services, Alameda County Health
 Care Services Agency, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502

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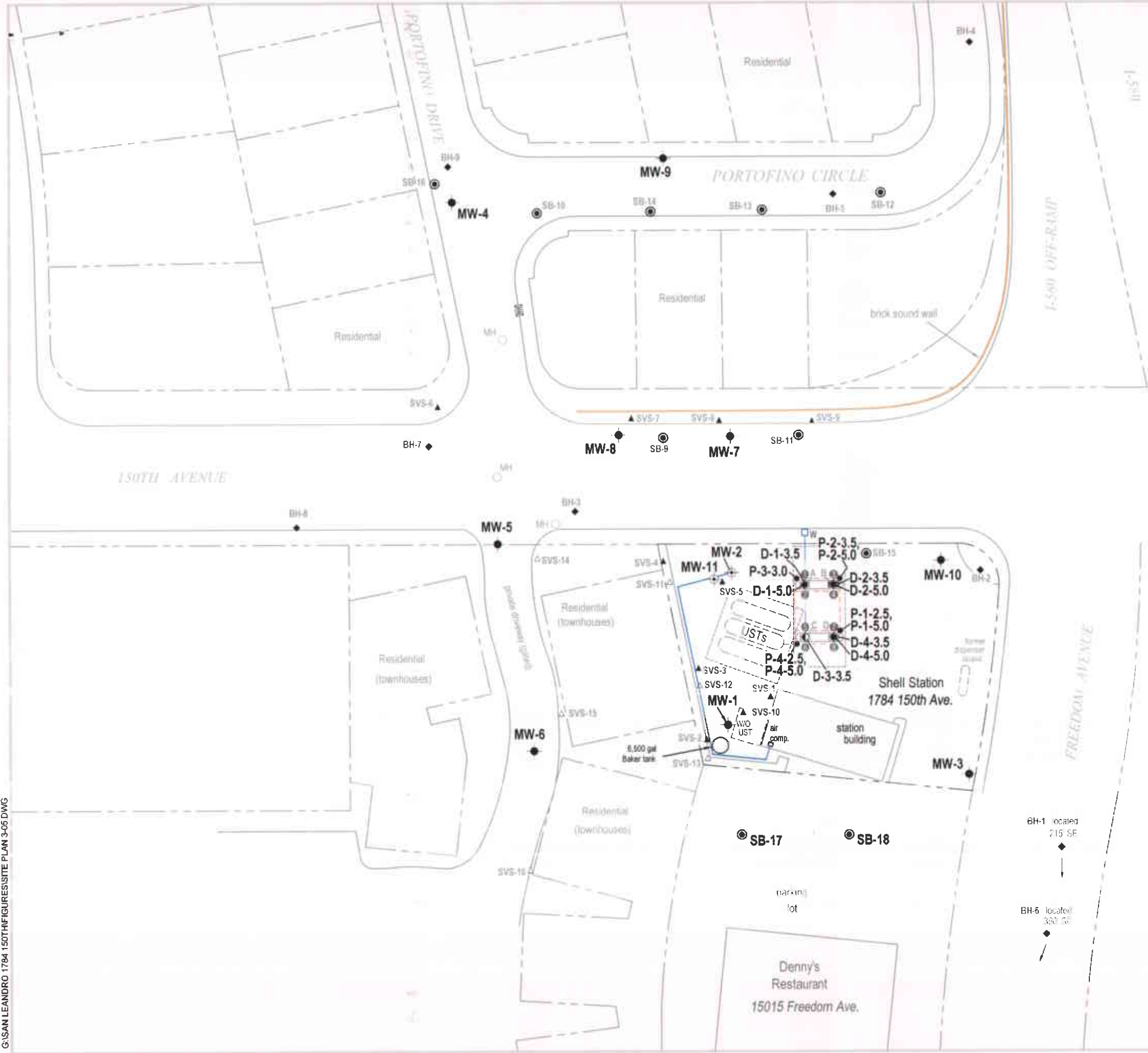


Shell-branded Service Station
 1784 150th Avenue
 San Leandro, California
 Incident #98996068

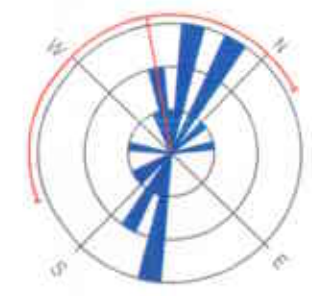


C A M B R I A

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



EXPLANATION	
D-1-5.0	• Soil sample location (04/05/05)
D-1-3.5	◊ Soil sample location (03/22/05)
MW-2	⊕ Monitoring well location used for groundwater extraction
MW-1	◆ Monitoring well location
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)
●	Dispenser number
—	Water line (W)



Groundwater Flow Direction
(06/14/99 to 05/27/04)

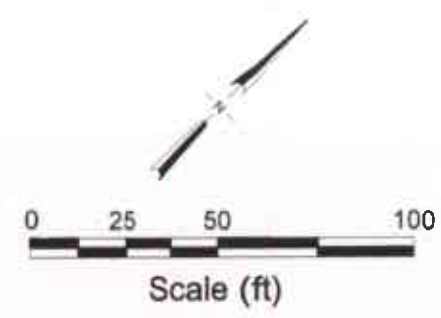


FIGURE
2

Site Plan



C A M B R I A

Shell-branded Service Station

1784 150th Avenue
San Leandro, California
Incident No. 98996068

Table 1. Historical Soil Analytical Results - Shell-branded Service Station, 1784 150th St., San Leandro, California - Incident #98996068

Sample ID	Date	Depth	TPHg	Benzene	Toluene	Ethyl- benzene	Xylenes	MTBE (8020)	MTBE (8260)	TBA	ETBE	DIPE	TAME	1,2-DCA	EDB	Ethanol	Lead		
																		(fbg)	(Concentrations in mg/kg)
BH-A ^{ab}	3/5/1990	5.0	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	---	---	---	---	---	---	---	---	---	---
BH-A ^{ab}	3/5/1990	15.7	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	---	---	---	---	---	---	---	---	---	---
BH-A ^{ab,c}	3/5/1990	24.7	<1	0.020	<0.0025	<0.0025	<0.0025	---	---	---	---	---	---	---	---	---	---	---	---
BH-A ^{ad}	3/5/1990	29.2	35	0.23	0.20	<0.0025	0.64	---	---	---	---	---	---	---	---	---	---	---	---
BH-A ^{ab}	3/5/1990	41.2	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	---	---	---	---	---	---	---	---	---	---
BH-B ^b	2/4/1992	11.5	<1	0.0026	<0.0025	<0.0025	<0.0025	---	---	---	---	---	---	---	---	---	---	---	---
BH-B	2/4/1992	16.5	<1	0.0058	<0.0025	<0.0025	<0.0025	---	---	---	---	---	---	---	---	---	---	---	---
BH-B ^{be}	2/4/1992	21.5	79	0.20	0.60	1.0	4.1	---	---	---	---	---	---	---	---	---	---	---	---
BH-B	2/4/1992	26.5	74	0.59	0.91	1.5	3.9	---	---	---	---	---	---	---	---	---	---	---	---
BH-C ^b	2/5/1992	11.5	<1	0.0042	0.0029	0.0039	<0.0025	---	---	---	---	---	---	---	---	---	---	---	---
BH-C ^b	2/5/1992	21.5	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	---	---	---	---	---	---	---	---	---	---
BH-C ^{bf}	2/5/1992	26.5	3.9	<0.0025	<0.0025	<0.0025	0.0054	---	---	---	---	---	---	---	---	---	---	---	---
BH-C	2/5/1992	31.5	68	<0.05	<0.05	<0.05	0.17	---	---	---	---	---	---	---	---	---	---	---	---
BH-1-21	6/6/1994	21	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---	---	---	---
BH-2-20	6/6/1994	20	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---	---	---	---
BH-3-16 ^g	6/6/1994	16	<1.0	0.013	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---	---	---	---
BH-4-20.6	6/7/1994	20.6	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---	---	---	---
BH-5-15.6	6/7/1994	15.6	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---	---	---	---
BH-6-20.5	6/7/1994	20.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---	---	---	---
BH-7-15.8	2/14/1995	15.8	<1.0	<0.0025	<0.0025	<0.0025	<0.0025	---	---	---	---	---	---	---	---	---	---	---	---
BH-8-16.0	2/14/1995	16.0	<1.0	<0.0025	<0.0025	<0.0025	<0.0025	---	---	---	---	---	---	---	---	---	---	---	---
BH-9-19.5	2/14/1995	19.5	<1.0	<0.0025	<0.0025	<0.0025	<0.0025	---	---	---	---	---	---	---	---	---	---	---	---
BH-10-15.2	3/3/1995	15.2	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---	---	---	---
SVS-3	7/18-19/96	16-18	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	---	---	---	---	---	---	---	---	---	---	---
SVS-5	7/18-19/96	4-6	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	---	---	---	---	---	---	---	---	---	---	---
SVS-5	7/18-19/96	8-10	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	---	---	---	---	---	---	---	---	---	---	---
SVS-5	7/18-19/96	18-20	1.1	<0.005	<0.005	<0.005	<0.005	<0.025	---	---	---	---	---	---	---	---	---	---	---
SVS-9	7/18-19/96	3-5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	---	---	---	---	---	---	---	---	---	---	---
SVS-9	7/18-19/96	8-10	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	---	---	---	---	---	---	---	---	---	---	---
SVS-9	7/18-19/96	16-18	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	---	---	---	---	---	---	---	---	---	---	---
Disp-A	12/4/1997	2.0	3.1	<0.005	0.037	0.022	<0.01	0.019	---	---	---	---	---	---	---	---	---	---	---
Disp-A, 4.5	12/4/1997	4.5	6.3	0.096	0.012	0.46	0.037	0.056	---	---	---	---	---	---	---	---	---	---	---

Table 1. Historical Soil Analytical Results - Shell-branded Service Station, 1784 150th St., San Leandro, California - Incident #98996068

Sample ID	Date	Depth	TPHg	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE (8020)	MTBE (8260)	TBA	ETBE	DIPE	TAME	1,2-DCA	EDB	Ethanol	Lead
Disp-B	12/4/1997	2.0	130	<1	<1	<1	<2	<1	---	---	---	---	---	---	---	---	---
Disp-B, 4.5	12/4/1997	4.5	1.0	0.045	<0.005	0.064	0.32	<0.03	---	---	---	---	---	---	---	---	---
Disp-C	12/4/1997	2.0	190	1.8	2.1	3.6	20	1.4	---	---	---	---	---	---	---	---	---
Disp-C, 4.5 ^h	12/4/1997	4.5	590	<0.5	0.98	2.3	3.1	<0.5	---	---	---	---	---	---	---	---	---
Disp-D	12/4/1997	2.0	3.8	0.11	<0.005	0.15	0.17	0.11	---	---	---	---	---	---	---	---	---
Disp-D, 4.5	12/4/1997	4.5	1.4	0.027	<0.005	0.036	0.178	0.005	---	---	---	---	---	---	---	---	---
SVS-11-5.5	11/10/1998	5.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-11-6	11/10/1998	6	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-11-9.5	11/10/1998	9.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-11-10	11/10/1998	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-11-15	11/10/1998	15	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-11-15.5	11/10/1998	15.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-11-19	11/10/1998	19	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-11-19.5	11/10/1998	19.5	1.6	0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-14-5	11/11/1998	5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-14-5.5	11/11/1998	5.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-14-10	11/11/1998	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-14-10.5	11/11/1998	10.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-14-15	11/11/1998	15	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-14-15.5	11/11/1998	15.5	<1.0	<0.0050	0.006	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-14-19	11/11/1998	19	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.029	<25	---	---	---	---	---	---	---	---
SVS-14-19.5	11/11/1998	19.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-15-4.5	11/11/1998	4.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-15-5	11/11/1998	5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-15-10	11/11/1998	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-15-10.5	11/11/1998	10.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-15-15	11/11/1998	15	<1.0	<0.0050	<0.0050	<0.0050	0.013	<0.025	---	---	---	---	---	---	---	---	---
SVS-15-15.5	11/11/1998	15.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-15-19.5	11/11/1998	19.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-15-20	11/11/1998	20	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-16-5	11/11/1998	5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-16-5.5	11/11/1998	5.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-16-10	11/11/1998	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-16-10.5	11/11/1998	10.5	<1.0	<0.0050	<0.0050	<0.0050	0.0093	0.026	---	---	---	---	---	---	---	---	---
SVS-16-15	11/11/1998	15	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
SVS-16-15.5	11/11/1998	15.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	---	---	---	---	---	---	---	---	---
MW-5-5/15.5	10/24/2001	15.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---

Table 1. Historical Soil Analytical Results - Shell-branded Service Station, 1784 150th St., San Leandro, California - Incident #98996068

Sample ID	Date	Depth	TPHg	Benzene	Toluene	Ethyl- benzene	Xylenes	MTBE (8020)	MTBE (8260)	TBA	ETBE	DIPE	TAME	1,2-DCA	EDB	Ethanol	Lead
MW-6-5.5	10/24/2001	5.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	0.012	---	---	---	---	---	---	---	---
MW7@5'	10/3/2002	5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.5	---	---	---	---	---	---	---	---
MW7@10'	10/3/2002	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.5	---	---	---	---	---	---	---	---
MW7@15'	10/3/2002	15	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.5	---	---	---	---	---	---	---	---
MW7@20'	10/3/2002	20	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.5	---	---	---	---	---	---	---	---
MW7@25'	10/3/2002	25	11	<0.0050	0.0060	0.086	0.13	---	<0.5	---	---	---	---	---	---	---	---
MW7@30'	10/3/2002	30	68	<0.025	0.19	0.89	3.7	---	<0.5	---	---	---	---	---	---	---	---
MW7@32'	10/3/2002	32	1.2	<0.0050	0.0069	0.025	0.11	---	<0.5	---	---	---	---	---	---	---	---
MW8@5'	10/4/2002	5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.5	---	---	---	---	---	---	---	---
MW8@10'	10/4/2002	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.5	---	---	---	---	---	---	---	---
MW8@15'	10/4/2002	15	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.5	---	---	---	---	---	---	---	---
MW8@20'	10/4/2002	20	1.2	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.5	---	---	---	---	---	---	---	---
MW8@25'	10/4/2002	25	140	0.072	0.15	1.5	5.8	---	<0.5	---	---	---	---	---	---	---	---
SB9@22	10/4/2002	22	1.1	<0.0050	<0.0050	0.016	0.088	---	<0.5	---	---	---	---	---	---	---	---
SB-10-10'	6/23/2003	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-10-20'	6/23/2003	20	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-10-22'	6/23/2003	22	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-10-25'	6/23/2003	25	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-10-30	6/23/2003	30	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-10-37'	6/23/2003	37	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-10-39.5'	6/23/2003	39.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-11-10'	6/24/2003	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-11-15'	6/24/2003	15	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-11-20'	6/24/2003	20	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-11-24'	6/24/2003	24	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-11-28'	6/24/2003	28	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-11-30'	6/24/2003	30	650	<0.50	<0.50	3.5	9.9	---	<0.50	---	---	---	---	---	---	---	---
SB-12-10'	6/24/2003	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-12-20'	6/24/2003	20	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-12-25'	6/24/2003	25	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-12-30'	6/24/2003	30	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-12-35'	6/24/2003	35	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-12-39.5'	6/24/2003	39.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-13-10'	6/23/2003	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---

Table 1. Historical Soil Analytical Results - Shell-branded Service Station, 1784 150th St., San Leandro, California - Incident #98996068

Sample ID	Date	Depth	TPHg	Benzene	Toluene	Ethyl- benzene	Xylenes	MTBE (8020)	MTBE (8260)	TBA	ETBE	DIPE	TAME	1,2-DCA	EDB	Ethanol	Lead
SB-13-20'	6/23/2003	20	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-13-24'	6/23/2003	24	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-13-30'	6/23/2003	30	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-13-35'	6/23/2003	35	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-13-39.5'	6/23/2003	39.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-14-10'	6/24/2003	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-14-20'	6/24/2003	20	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-14-24'	6/24/2003	24	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-14-30'	6/24/2003	30	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-14-35'	6/24/2003	35	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-14-39.5'	6/24/2003	39.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-15-10'	6/26/2003	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-15-15'	6/26/2003	15	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-15-20'	6/26/2003	20	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-15-22.5'	6/26/2003	22.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-15-35'	6/26/2003	35	1.4	0.10	<0.0050	0.030	0.0055	---	<0.0050	---	---	---	---	---	---	---	---
SB-16-10'	6/23/2003	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-16-20'	6/23/2003	20	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-16-24'	6/23/2003	24	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-16-28'	6/23/2003	28	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-16-35'	6/23/2003	35	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
SB-16-39.5'	6/23/2003	39.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
MW-9-5'	11/19/2003	5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
MW-9-10'	11/19/2003	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
MW-9-15'	11/19/2003	15	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
MW-9-20'	11/19/2003	20	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
MW-9-25'	11/19/2003	25	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
MW-9-30'	11/19/2003	30	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
MW-9-35'	11/19/2003	35	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
MW-10-5'	11/20/2003	5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
MW-10-10'	11/20/2003	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
MW-10-15'	11/20/2003	15	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
MW-10-20'	11/20/2003	20	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
MW-10-25'	11/20/2003	25	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
MW-10-30'	11/20/2003	30	14	<0.023	<0.023	<0.023	<0.023	---	<0.023	---	---	---	---	---	---	---	---
MW-10-31.5'	11/20/2003	31.5	230	<0.50	<0.50	2.2	1.5	---	<0.50	---	---	---	---	---	---	---	---

Table 1. Historical Soil Analytical Results - Shell-branded Service Station, 1784 150th St., San Leandro, California - Incident #98996068

Sample ID	Date	Depth (ftg)	TPHg	Benzene	Toluene	Ethyl- benzene	Xylenes	MTBE (8020)	MTBE (8260)	TBA	ETBE	DIPE	TAME	1,2-DCA	EDB	Ethanol	Lead
MW-11-5'	11/20/2003	5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
MW-11-10'	11/20/2003	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
MW-11-15'	11/20/2003	15	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---	---	---	---
MW-11-20'	11/20/2003	20	1.8	<0.0050	<0.0050	0.0084	0.013	---	0.039	---	---	---	---	---	---	---	---
MW-11-24.5'	11/20/2003	24.5	330	<0.50	1.6	4.8	29	---	1.4	---	---	---	---	---	---	---	---
SB-17-5'	9/13/2004	5.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.10	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.1	---
SB-17-10'	9/13/2004	10.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.10	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.1	---
SB-17-15'	9/13/2004	15.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.10	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.1	---
SB-17-20'	9/13/2004	20.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.10	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.1	---
SB-17-25'	9/13/2004	25.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.10	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.1	---
SB-17-35.5'	9/13/2004	35.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.10	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.1	---
SB-18-5'	9/13/2004	5.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.10	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.1	---
SB-18-10'	9/13/2004	10.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.10	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.1	---
SB-18-15'	9/13/2004	15.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.10	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.1	---
SB-18-20'	9/13/2004	20.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.10	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.1	---
SB-18-25'	9/13/2004	25.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.10	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.1	---
SB-18-30'	9/13/2004	30.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.10	<0.0050	<0.10	<0.0050	<0.0050	<0.0050	<0.1	---
D-1-3.5	3/22/2005	3.5	460	0.76	0.17	16	8.1	---	0.18	<0.25	<0.050	<0.050	<0.050	<0.050	<0.050	---	75.7
D-1-5.0	4/4/2005	5.0	330	<0.50	0.75	3.2	0.91	---	<0.50	---	---	---	---	---	---	---	---
D-2-3.5	3/22/2005	3.5	1400	1.6	75	18	170	---	0.066	<0.15	<0.25	<0.25	<0.25	<0.25	<0.25	---	2.06
D-2-5.0	4/4/2005	5.0	<50	<0.50	<0.50	<0.50	0.95	---	<0.50	---	---	---	---	---	---	---	---
D-3-3.5	3/22/2005	3.5	30	0.78	0.24	1.8	2.7	---	0.053	0.023	<0.050	<0.050	<0.050	<0.050	<0.050	---	5.19
D-4-3.5	3/22/2005	3.5	110	0.52	6.3	1.3	10	---	0.028	<0.25	<0.050	<0.050	<0.050	<0.050	<0.050	---	1.89
D-4-5.0	4/4/2005	5.0	290	<0.50	<0.50	6.3	3.6	---	<0.50	---	---	---	---	---	---	---	---
P-1-2.5	4/4/2005	2.5	<50	<0.50	<0.50	<0.50	0.87	---	<0.50	---	---	---	---	---	---	---	---
P-1-5.0	4/4/2005	5.0	69	<0.50	<0.50	1.1	5.0	---	<0.50	---	---	---	---	---	---	---	---
P-2-3.5	4/4/2005	3.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	0.013	---	---	---	---	---	---	---	---
P-2-5.0	4/4/2005	5.0	85	<0.50	<0.50	0.84	0.50	---	<0.50	---	---	---	---	---	---	---	---
P-3-3.0	4/4/2005	3.0	2300	<1.0	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	---	---
P-4-2.5	4/4/2005	2.5	3700	11	83	42	280	---	<1.0	---	---	---	---	---	---	---	---
P-4-5.0	4/4/2005	5.0	4100	10	23	48	240	---	<2.5	---	---	---	---	---	---	---	---

Table 1. Historical Soil Analytical Results - Shell-branded Service Station, 1784 150th St., San Leandro, California - Incident #98996068

Sample ID	Date	Depth	TPHg	Benzene	Toluene	Ethyl- benzene	Xylenes	MTBE (8020)	MTBE (8260)	TBA	ETBE	DIPE	TAME	1,2-DCA	EDB	Ethanol	Lead
		(ftg)	(Concentrations in mg/kg)														

Abbreviations:

TPHg = Total petroleum hydrocarbons as gasoline. From 1990 through 1998, analyzed by modified EPA Method 8015; from 2001 through present, analyzed by EPA Method 8260B.

Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8020 from 1990 through 1998; from 2001 through present, analyzed by EPA Method 8260B.

MTBE = Methyl tert-butyl ether analyzed by EPA Method 8020 or EPA Method 8260 (as indicated).

TBA = tert-Butyl alcohol, analyzed by EPA Method 8260B.

ETBE = Ethyl tert butyl ether, analyzed by EPA Method 8260B.

DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B.

TAME = tert-Amyl methyl ether, analyzed by EPA Method 8260B.

1,2-DCA = 1,2-dichloroethane

EDB = Ethyl di-bromide, analyzed by EPA Method 8260B.

Ethanol analyzed by EPA Method 8260B.

Lead analyzed by EPA Method 6010B

ftg = Feet below grade

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

<n = Not detected at reporting

--- = Not analyzed

Notes:

a = Petroleum oil and grease analyzed by American Public Health Association Standard Method 503E; no detections above 100 ppm detection limit. Total oil and grease analyzed by American Public Health Association Standard Method 503E; no detections above 50 ppm detection limit.

b = Analyzed for halogenated volatile organic compounds by EPA Method 8010; none detected.

c = Total petroleum hydrocarbons as diesel (TPHd) and total petroleum hydrocarbons as motor oil (TPHmo) analyzed by modified EPA Method 8015; no TPHd detected at 1 ppm limit; no TPHmo detected at 10 ppm limit.

e = TPHd detected at 23 ppm by modified EPA Method 8015; lab characterized detected compounds as hydrocarbons lighter than diesel.

f = TPHd detected at 4.9 ppm by modified EPA Method 8015; lab characterized detected compounds as hydrocarbons lighter than diesel.

g = Analyzed for volatile organic compounds by EPA Method 8010; none detected

above detection limits ranging from 0.005 to 0.050 ppm.

h = Sample saturated with perched water from beneath dispenser.

ATTACHMENT A

Standard Piping and Dispenser Removal Sampling Procedures

CAMBRIA

STANDARD PIPING AND DISPENSER REMOVAL SAMPLING PROCEDURES

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

Piping and Dispenser Removal Sampling

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

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

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

ATTACHMENT B

Certified Laboratory Analytical Reports

Dispenser Analytical Results



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,

A handwritten signature in black ink, appearing to read "Joel Kiff".

Joel Kiff



Report Number : 42923

Date : 3/23/2005

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

Project Number : 207-0612-001

Sample : D-1-3.5

Matrix : Soil

Lab Number : 42923-01

Sample Date : 3/22/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	0.76	0.050	mg/Kg	EPA 8260B	3/23/2005
Toluene	0.17	0.050	mg/Kg	EPA 8260B	3/23/2005
Ethylbenzene	16	0.050	mg/Kg	EPA 8260B	3/23/2005
Total Xylenes	8.1	0.050	mg/Kg	EPA 8260B	3/23/2005
Methyl-t-butyl ether (MTBE)	0.18	0.050	mg/Kg	EPA 8260B	3/23/2005
Diisopropyl ether (DIPE)	< 0.050	0.050	mg/Kg	EPA 8260B	3/23/2005
Ethyl-t-butyl ether (ETBE)	< 0.050	0.050	mg/Kg	EPA 8260B	3/23/2005
Tert-amyl methyl ether (TAME)	< 0.050	0.050	mg/Kg	EPA 8260B	3/23/2005
Tert-Butanol	< 0.25	0.25	mg/Kg	EPA 8260B	3/23/2005
TPH as Gasoline	460	5.0	mg/Kg	EPA 8260B	3/23/2005
1,2-Dichloroethane	< 0.050	0.050	mg/Kg	EPA 8260B	3/23/2005
1,2-Dibromoethane	< 0.050	0.050	mg/Kg	EPA 8260B	3/23/2005
Toluene - d8 (Surr)	92.3		% Recovery	EPA 8260B	3/23/2005
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	3/23/2005
Dibromofluoromethane (Surr)	90.5		% Recovery	EPA 8260B	3/23/2005
1,2-Dichloroethane-d4 (Surr)	92.0		% Recovery	EPA 8260B	3/23/2005

Approved By:

Joel Kiff



Report Number : 42923

Date : 3/23/2005

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

Project Number : 207-0612-001

Sample : D-4-3.5

Matrix : Soil

Lab Number : 42923-02

Sample Date : 3/22/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	0.52	0.0050	mg/Kg	EPA 8260B	3/23/2005
Toluene	6.3	0.050	mg/Kg	EPA 8260B	3/23/2005
Ethylbenzene	1.3	0.0050	mg/Kg	EPA 8260B	3/23/2005
Total Xylenes	10	0.050	mg/Kg	EPA 8260B	3/23/2005
Methyl-t-butyl ether (MTBE)	0.028	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	< 0.025	0.025	mg/Kg	EPA 8260B	3/23/2005
TPH as Gasoline	110	5.0	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)	97.4		% Recovery	EPA 8260B	3/23/2005
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	3/23/2005
Dibromofluoromethane (Surr)	94.8		% Recovery	EPA 8260B	3/23/2005
1,2-Dichloroethane-d4 (Surr)	94.2		% Recovery	EPA 8260B	3/23/2005

Approved By:

Joel Kiff



Report Number : 42923

Date : 3/23/2005

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

Project Number : 207-0612-001


Sample : D-2-3.5

Matrix : Soil

Lab Number : 42923-03

Sample Date : 3/22/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	1.6	0.025	mg/Kg	EPA 8260B	3/23/2005
Toluene	75	0.25	mg/Kg	EPA 8260B	3/23/2005
Ethylbenzene	18	0.025	mg/Kg	EPA 8260B	3/23/2005
Total Xylenes	170	0.25	mg/Kg	EPA 8260B	3/23/2005
Methyl-t-butyl ether (MTBE)	0.066	0.025	mg/Kg	EPA 8260B	3/23/2005
Diisopropyl ether (DIPE)	< 0.025	0.025	mg/Kg	EPA 8260B	3/23/2005
Ethyl-t-butyl ether (ETBE)	< 0.025	0.025	mg/Kg	EPA 8260B	3/23/2005
Tert-amyl methyl ether (TAME)	< 0.025	0.025	mg/Kg	EPA 8260B	3/23/2005
Tert-Butanol	< 0.15	0.15	mg/Kg	EPA 8260B	3/23/2005
TPH as Gasoline	1400	25	mg/Kg	EPA 8260B	3/23/2005
1,2-Dichloroethane	< 0.025	0.025	mg/Kg	EPA 8260B	3/23/2005
1,2-Dibromoethane	< 0.025	0.025	mg/Kg	EPA 8260B	3/23/2005
Toluene - d8 (Surr)	95.7		% Recovery	EPA 8260B	3/23/2005
4-Bromofluorobenzene (Surr)	108		% Recovery	EPA 8260B	3/23/2005
Dibromofluoromethane (Surr)	92.0		% Recovery	EPA 8260B	3/23/2005
1,2-Dichloroethane-d4 (Surr)	92.4		% Recovery	EPA 8260B	3/23/2005

Approved By:  Joel Kiff

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

Project Number : 207-0612-001

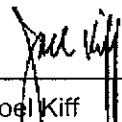
Sample : D-3-3.5

Matrix : Soil

Lab Number : 42923-04

Sample Date : 3/22/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	0.78	0.0050	mg/Kg	EPA 8260B	3/22/2005
Toluene	0.24	0.0050	mg/Kg	EPA 8260B	3/22/2005
Ethylbenzene	1.8	0.0050	mg/Kg	EPA 8260B	3/23/2005
Total Xylenes	2.7	0.0050	mg/Kg	EPA 8260B	3/23/2005
Methyl-t-butyl ether (MTBE)	0.053	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	0.023	0.0060	mg/Kg	EPA 8260B	3/22/2005
TPH as Gasoline	30	1.0	mg/Kg	EPA 8260B	3/23/2005
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)	86.7		% Recovery	EPA 8260B	3/22/2005
4-Bromofluorobenzene (Surr)	95.7		% Recovery	EPA 8260B	3/22/2005
Dibromofluoromethane (Surr)	86.4		% Recovery	EPA 8260B	3/22/2005
1,2-Dichloroethane-d4 (Surr)	87.3		% Recovery	EPA 8260B	3/22/2005

Approved By:  Joel Kiff

QC Report : Method Blank DataProject 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)	98.6		%	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
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KIFF ANALYTICAL, LLC

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

Approved By:  Joel Kiff

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

KIFF ANALYTICAL, LLC

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

Approved By:  Joel Kiff

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

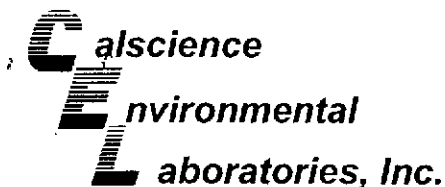
KIFF ANALYTICAL, LLC

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

Approved By:

Joel Kiff





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,

A handwritten signature in black ink, appearing to read "S. Nowak", written in a cursive style.

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

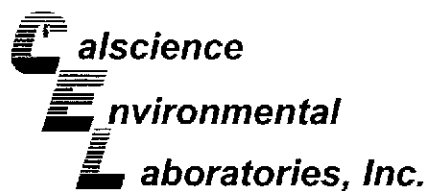
D-3-3.5	05-03-1555-4	03/22/05	Solid	03/24/05	03/24/05	050324L01A
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Parameter	Result	RL	DF	Qual	Units
Lead	5.19	0.50	1		mg/kg

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

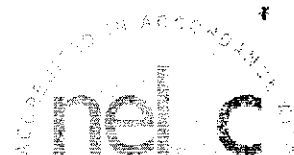
Date Received: 03/24/05
Work Order No: 05-03-1555
Preparation: EPA 3050B
Method: EPA 6010B

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

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

RPD - Relative Percent Difference, CL - Control Limit



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. 1955 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

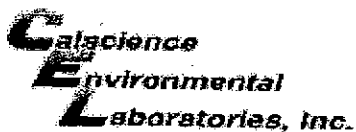
Project Number: 207-0612-001 P.O. No.: 42923
 EDF Deliverable to (Email Address): inbox@kiffanalytical.com

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

Project Address:

Sample Designation	Sampling		Container				Preservative				Matrix			Total Lead	Date Due	For Lab Use Only	
	Date	Time	Glass Jar	Poly	Amber	Sleeve	Tedlar	H ₂ SO ₄	HNO ₃	ICE	NONE	Na ₂ S ₂ O ₃	WATER				SOIL
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 4 columns: Description, Yes, No, N/A. Rows include Chain-Of-Custody document(s), Sample container label(s), Sample container(s) intact, Correct containers for analyses, Proper preservation, VOA vial(s) free of headspace, Tedlar bag(s) free of condensation.

Initial: WB

COMMENTS:

Blank lines for handwritten 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
- SCIENTIFIC HOUSTON

Bill Merchant

LABORATORY USE ONLY									
1	3	6	0	1	9				

DATE: 3/22/05

PAGE: 1 of 1

CLIENT COMPANY: **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: **510-420-8170** E-MAIL: **mwills@cambria-env.com**

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 ~~Esoto@v~~ ~~Esoto@co~~ ~~alameda~~.ca.us

Any questions please call 510-420-3308

SITE ADDRESS (Street and City): **1784 150th Street, San Leandro, CA**

GLOBAL ID NO.: **T0600101230**

EDP 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**

REQUESTED ANALYSIS

TPH - Purgeable	TPH - Extractable (6015m)	BTEX	MTBE	DBA	5 Oxygenates	1,2 DCA and EDB	Ethanol	Methanol	VOCs by a2e0B	Semi-Volatiles by a270C	Lead <input type="checkbox"/> Total <input type="checkbox"/> STC <input type="checkbox"/> TOLP	LUFT6 <input type="checkbox"/> Total <input type="checkbox"/> STC <input type="checkbox"/> TOLP	CAM17 <input type="checkbox"/> Total <input type="checkbox"/> STC <input type="checkbox"/> TOLP	Test for Disposal	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
ON ICE															

Field Sample Identification	SAMPLING		MTRX	NO. OF CONT.	TPH - Purgeable	TPH - Extractable (6015m)	BTEX	MTBE	DBA	5 Oxygenates	1,2 DCA and EDB	Ethanol	Methanol	VOCs by a2e0B	Semi-Volatiles by a270C	Lead <input type="checkbox"/> Total <input type="checkbox"/> STC <input type="checkbox"/> TOLP	LUFT6 <input type="checkbox"/> Total <input type="checkbox"/> STC <input type="checkbox"/> TOLP	CAM17 <input type="checkbox"/> Total <input type="checkbox"/> STC <input type="checkbox"/> TOLP	Test for Disposal	Field Point Name	
	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) <i>[Signature]</i>	Received by: (Signature) <i>Secure Locations</i>	Date: <i>March 22, 05</i>	Time: <i>1400</i>
Relinquished by: (Signature) <i>D. Thompson</i>	Received by: (Signature) _____	Date: <i>3/22/05</i>	Time: _____
Relinquished by: (Signature) _____	Received by: (Signature) <i>Osama Alkhalil / Kiff Analytical</i>	Date: <i>03 22 05</i>	Time: <i>1541</i>

CIC Graphic (714) 898-8702

Limited Over-Excavation and Piping Analytical Results

Cambria Environmental Emeryville

April 06, 2005

5900 Hollis Street, Ste. A
Emeryville, CA 94608

Attn.: Martin Wills

Project#: 207-0612-001

Project: Shell SAP Number 136019

Site: 1784 150th Street, San Leandro, CA

Attached is our report for your samples received on 04/04/2005 14:10

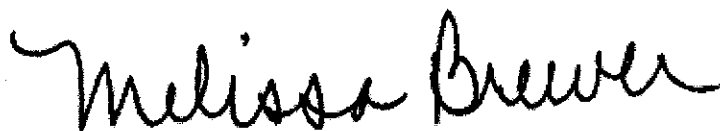
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 05/19/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: mbrewer@stl-inc.com

Sincerely,



Melissa Brewer
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0612-001

Shell SAP Number 136019

Received: 04/04/2005 14:10

Site: 1784 150th Street, San Leandro, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
P-2-3.5	04/04/2005 09:40	Soil	2

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

04/06/2005 14:53

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0612-001

Shell SAP Number 136019

Received: 04/04/2005 14:10

Site: 1784 150th Street, San Leandro, CA

Prep(s): 5030B	Test(s): 8260B
Sample ID: P-2-3.5	Lab ID: 2005-04-0081 - 2
Sampled: 04/04/2005 09:40	Extracted: 4/5/2005 12:12
Matrix: Soil	QC Batch#: 2005/04/05-1A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	04/05/2005 12:12	
Benzene	ND	0.0050	mg/Kg	1.00	04/05/2005 12:12	
Toluene	ND	0.0050	mg/Kg	1.00	04/05/2005 12:12	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	04/05/2005 12:12	
Total xylenes	ND	0.0050	mg/Kg	1.00	04/05/2005 12:12	
Methyl tert-butyl ether (MTBE)	0.013	0.0050	mg/Kg	1.00	04/05/2005 12:12	
Surrogate(s)						
1,2-Dichloroethane-d4	86.7	76-124	%	1.00	04/05/2005 12:12	
Toluene-d8	91.5	75-116	%	1.00	04/05/2005 12:12	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Project: 207-0612-001
Shell SAP Number 136019

Received: 04/04/2005 14:10

Site: 1784 150th Street, San Leandro, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Soil

QC Batch # 2005/04/05-1A.69

MB: 2005/04/05-1A.69-032

Date Extracted: 04/05/2005 08:32

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	1.000	mg/Kg	04/05/2005 08:32	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	04/05/2005 08:32	
Benzene	ND	0.0050	mg/Kg	04/05/2005 08:32	
Toluene	ND	0.0050	mg/Kg	04/05/2005 08:32	
Ethyl benzene	ND	0.0050	mg/Kg	04/05/2005 08:32	
Total xylenes	ND	0.0050	mg/Kg	04/05/2005 08:32	
Surrogates(s)					
1,2-Dichloroethane-d4	86.6	76-124	%	04/05/2005 08:32	
Toluene-d8	89.8	75-116	%	04/05/2005 08:32	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Project: 207-0612-001

Shell SAP Number 136019

Received: 04/04/2005 14:10

Site: 1784 150th Street, San Leandro, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2005/04/05-1A.69

LCS 2005/04/05-1A.69-013

Extracted: 04/05/2005

Analyzed: 04/05/2005 08:13

LCSD

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	0.0512		0.05	102.4			65-165	20		
Benzene	0.0465		0.05	93.0			69-129	20		
Toluene	0.0484		0.05	96.8			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	434		500	86.8			76-124			
Toluene-d8	452		500	90.4			75-116			

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04/06/2005 14:53

Page 4 of 5

Gas/BTEX/MTBE by 8260B (C6-C12)

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Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0612-001
Shell SAP Number 136019

Received: 04/04/2005 14:10

Site: 1784 150th Street, San Leandro, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)

Soil

QC Batch # 2005/04/05-1A.69

MS/MSD

Lab ID: 2005-03-0824 - 003

MS: 2005/04/05-1A.69-037

Extracted: 04/05/2005

Analyzed: 04/05/2005 09:37

Dilution: 1.00

MSD: 2005/04/05-1A.69-056

Extracted: 04/05/2005

Analyzed: 04/05/2005 09:56

Dilution: 1.00

Compound	Conc. mg/Kg		Spk.Level	Recovery %			Limits %		Flags		
	MS	MSD		Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	0.0388	0.0418	ND	0.048828	79.5	90.8	13.3	65-165	20		
Benzene	0.0365	0.0400	ND	0.048828	74.8	86.9	15.0	69-129	20		
Toluene	0.0394	0.0443	ND	0.048828	80.7	96.2	17.5	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	393	392		500	78.6	78.4		76-124			
Toluene-d8	447	447		500	89.4	89.4		75-116			

Gas/BTEX Fuel Oxygenates by 8260B (High Level)

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Project: 207-0612-001

Shell SAP Number 136019

Received: 04/04/2005 14:10

Site: 1784 150th Street, San Leandro, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
P-1-2.5	04/04/2005 09:30	Soil	1
P-3-3.0	04/04/2005 09:50	Soil	3
P-4-2.5	04/04/2005 10:40	Soil	4
P-1-5.0	04/04/2005 11:20	Soil	5
P-4-5.0	04/04/2005 11:45	Soil	6
P-2-5.0	04/04/2005 12:15	Soil	7
D-4-5.0	04/04/2005 11:30	Soil	8
D-1-5.0	04/04/2005 11:55	Soil	9
D-2-5.0	04/04/2005 12:10	Soil	10

Gas/BTEXFuel Oxygenates by 8260B (High Level)

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Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0612-001

Shell SAP Number 136019

Received: 04/04/2005 14:10

Site: 1784 150th Street, San Leandro, CA

Prep(s): 5030B Test(s): 8260B
 Sample ID: P-1-2.5 Lab ID: 2005-04-0081 - 1
 Sampled: 04/04/2005 09:30 Extracted: 4/5/2005 03:07
 Matrix: Soil QC Batch#: 2005/04/04-3A.62
 Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	mg/Kg	1.00	04/05/2005 03:07	
Benzene	ND	0.50	mg/Kg	1.00	04/05/2005 03:07	
Toluene	ND	0.50	mg/Kg	1.00	04/05/2005 03:07	
Ethyl benzene	ND	0.50	mg/Kg	1.00	04/05/2005 03:07	
Total xylenes	0.87	0.50	mg/Kg	1.00	04/05/2005 03:07	
Methyl tert-butyl ether (MTBE)	ND	0.50	mg/Kg	1.00	04/05/2005 03:07	
Surrogate(s)						
1,2-Dichloroethane-d4	103.7	53-129	%	1.00	04/05/2005 03:07	
Toluene-d8	111.6	47-136	%	1.00	04/05/2005 03:07	

Gas/BTEXFuel Oxygenates by 8260B (High Level)

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Project: 207-0612-001

Shell SAP Number 136019

Received: 04/04/2005 14:10

Site: 1784 150th Street, San Leandro, CA

Prep(s): 5030B Test(s): 8260B
 Sample ID: P-3-3.0 Lab ID: 2005-04-0081 - 3
 Sampled: 04/04/2005 09:50 Extracted: 4/6/2005 03:32
 Matrix: Soil QC Batch#: 2005/04/04-3A.62
 Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	2300	100	mg/Kg	2.00	04/06/2005 03:32	
Benzene	ND	1.0	mg/Kg	2.00	04/06/2005 03:32	
Toluene	ND	1.0	mg/Kg	2.00	04/06/2005 03:32	
Ethyl benzene	ND	1.0	mg/Kg	2.00	04/06/2005 03:32	
Total xylenes	ND	1.0	mg/Kg	2.00	04/06/2005 03:32	
Methyl tert-butyl ether (MTBE)	ND	1.0	mg/Kg	2.00	04/06/2005 03:32	
Surrogate(s)						
1,2-Dichloroethane-d4	94.1	53-129	%	2.00	04/06/2005 03:32	
Toluene-d8	98.0	47-136	%	2.00	04/06/2005 03:32	

Gas/BTEXFuel Oxygenates by 8260B (High Level)

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Project: 207-0612-001

Shell SAP Number 136019

Received: 04/04/2005 14:10

Site: 1784 150th Street, San Leandro, CA

Prep(s): 5030B	Test(s): 8260B
Sample ID: P-4-2.5	Lab ID: 2005-04-0081 - 4
Sampled: 04/04/2005 10:40	Extracted: 4/6/2005 03:51
Matrix: Soil	QC Batch#: 2005/04/04-3A.62

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	3700	100	mg/Kg	2.00	04/06/2005 03:51	
Benzene	11	1.0	mg/Kg	2.00	04/06/2005 03:51	
Toluene	83	1.0	mg/Kg	2.00	04/06/2005 03:51	
Ethyl benzene	42	1.0	mg/Kg	2.00	04/06/2005 03:51	
Total xylenes	280	1.0	mg/Kg	2.00	04/06/2005 03:51	
Methyl tert-butyl ether (MTBE)	ND	1.0	mg/Kg	2.00	04/06/2005 03:51	
Surrogate(s)						
1,2-Dichloroethane-d4	111.3	53-129	%	2.00	04/06/2005 03:51	
Toluene-d8	98.3	47-136	%	2.00	04/06/2005 03:51	

Gas/BTEXFuel Oxygenates by 8260B (High Level)

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Project: 207-0612-001

Shell SAP Number 136019

Received: 04/04/2005 14:10

Site: 1784 150th Street, San Leandro, CA

Prep(s): 5030B Test(s): 8260B
 Sample ID: P-1-5.0 Lab ID: 2005-04-0081 - 5
 Sampled: 04/04/2005 11:20 Extracted: 4/5/2005 13:10
 Matrix: Soil QC Batch#: 2005/04/04-3A.62
 Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	69	50	mg/Kg	1.00	04/05/2005 13:10	
Benzene	ND	0.50	mg/Kg	1.00	04/05/2005 13:10	
Toluene	ND	0.50	mg/Kg	1.00	04/05/2005 13:10	
Ethyl benzene	1.1	0.50	mg/Kg	1.00	04/05/2005 13:10	
Total xylenes	5.0	0.50	mg/Kg	1.00	04/05/2005 13:10	
Methyl tert-butyl ether (MTBE)	ND	0.50	mg/Kg	1.00	04/05/2005 13:10	
Surrogate(s)						
1,2-Dichloroethane-d4	89.5	53-129	%	1.00	04/05/2005 13:10	
Toluene-d8	96.7	47-136	%	1.00	04/05/2005 13:10	

Gas/BTEXFuel Oxygenates by 8260B (High Level)

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Project: 207-0612-001

Shell SAP Number 136019

Received: 04/04/2005 14:10

Site: 1784 150th Street, San Leandro, CA

Prep(s): 5030B Test(s): 8260B
Sample ID: **P-4-5.0** Lab ID: 2005-04-0081 - 6
Sampled: 04/04/2005 11:45 Extracted: 4/5/2005 13:30
Matrix: Soil QC Batch#: 2005/04/04-3A.62
Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	4100	250	mg/Kg	5.00	04/05/2005 13:30	
Benzene	10	2.5	mg/Kg	5.00	04/05/2005 13:30	
Toluene	23	2.5	mg/Kg	5.00	04/05/2005 13:30	
Ethyl benzene	48	2.5	mg/Kg	5.00	04/05/2005 13:30	
Total xylenes	240	2.5	mg/Kg	5.00	04/05/2005 13:30	
Methyl tert-butyl ether (MTBE)	ND	2.5	mg/Kg	5.00	04/05/2005 13:30	
<i>Surrogate(s)</i>						
1,2-Dichloroethane-d4	NA	53-129	%	5.00	04/05/2005 13:30	S3
Toluene-d8	NA	47-136	%	5.00	04/05/2005 13:30	S3

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04/06/2005 14:58

Gas/BTEXFuel Oxygenates by 8260B (High Level)

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Emeryville, CA 94608
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Project: 207-0612-001
Shell SAP Number 136019

Received: 04/04/2005 14:10

Site: 1784 150th Street, San Leandro, CA

Prep(s): 5030B Test(s): 8260B
Sample ID: P-2-5.0 Lab ID: 2005-04-0081 - 7
Sampled: 04/04/2005 12:15 Extracted: 4/5/2005 13:49
Matrix: Soil QC Batch#: 2005/04/04-3A.62
Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	85	50	mg/Kg	1.00	04/05/2005 13:49	
Benzene	ND	0.50	mg/Kg	1.00	04/05/2005 13:49	
Toluene	ND	0.50	mg/Kg	1.00	04/05/2005 13:49	
Ethyl benzene	0.84	0.50	mg/Kg	1.00	04/05/2005 13:49	
Total xylenes	0.50	0.50	mg/Kg	1.00	04/05/2005 13:49	
Methyl tert-butyl ether (MTBE)	ND	0.50	mg/Kg	1.00	04/05/2005 13:49	
Surrogate(s)						
1,2-Dichloroethane-d4	85.0	53-129	%	1.00	04/05/2005 13:49	
Toluene-d8	92.7	47-136	%	1.00	04/05/2005 13:49	

Gas/BTEXFuel Oxygenates by 8260B (High Level)

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Project: 207-0612-001

Shell SAP Number 136019

Received: 04/04/2005 14:10

Site: 1784 150th Street, San Leandro, CA

Prep(s): 5030B	Test(s): 8260B
Sample ID: D-4-5.0	Lab ID: 2005-04-0081 - 8
Sampled: 04/04/2005 11:30	Extracted: 4/5/2005 14:08
Matrix: Soil	QC Batch#: 2005/04/04-3A.62
Analysis Flag: L2 (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	290	50	mg/Kg	1.00	04/05/2005 14:08	
Benzene	ND	0.50	mg/Kg	1.00	04/05/2005 14:08	
Toluene	ND	0.50	mg/Kg	1.00	04/05/2005 14:08	
Ethyl benzene	6.3	0.50	mg/Kg	1.00	04/05/2005 14:08	
Total xylenes	3.6	0.50	mg/Kg	1.00	04/05/2005 14:08	
Methyl tert-butyl ether (MTBE)	ND	0.50	mg/Kg	1.00	04/05/2005 14:08	
Surrogate(s)						
1,2-Dichloroethane-d4	98.9	53-129	%	1.00	04/05/2005 14:08	
Toluene-d8	106.4	47-136	%	1.00	04/05/2005 14:08	

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04/06/2005 14:58

Gas/BTEXFuel Oxygenates by 8260B (High Level)

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Project: 207-0612-001

Shell SAP Number 136019

Received: 04/04/2005 14:10

Site: 1784 150th Street, San Leandro, CA

Prep(s): 5030B Test(s): 8260B
 Sample ID: D-1-5.0 Lab ID: 2005-04-0081 - 9
 Sampled: 04/04/2005 11:55 Extracted: 4/5/2005 04:29
 Matrix: Soil QC Batch#: 2005/04/04-3A.62
 Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	330	50	mg/Kg	1.00	04/05/2005 04:29	
Benzene	ND	0.50	mg/Kg	1.00	04/05/2005 04:29	
Toluene	0.75	0.50	mg/Kg	1.00	04/05/2005 04:29	
Ethyl benzene	3.2	0.50	mg/Kg	1.00	04/05/2005 04:29	
Total xylenes	0.91	0.50	mg/Kg	1.00	04/05/2005 04:29	
Methyl tert-butyl ether (MTBE)	ND	0.50	mg/Kg	1.00	04/05/2005 04:29	
Surrogate(s)						
1,2-Dichloroethane-d4	112.8	53-129	%	1.00	04/05/2005 04:29	
Toluene-d8	107.3	47-136	%	1.00	04/05/2005 04:29	

Gas/BTEXFuel Oxygenates by 8260B (High Level)

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0612-001

Shell SAP Number 136019

Received: 04/04/2005 14:10

Site: 1784 150th Street, San Leandro, CA

Prep(s): 5030B Test(s): 8260B
 Sample ID: **D-2-5.0** Lab ID: 2005-04-0081 - 10
 Sampled: 04/04/2005 12:10 Extracted: 4/5/2005 04:49
 Matrix: Soil QC Batch#: 2005/04/04-3A.62
 Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	mg/Kg	1.00	04/05/2005 04:49	
Benzene	ND	0.50	mg/Kg	1.00	04/05/2005 04:49	
Toluene	ND	0.50	mg/Kg	1.00	04/05/2005 04:49	
Ethyl benzene	ND	0.50	mg/Kg	1.00	04/05/2005 04:49	
Total xylenes	0.95	0.50	mg/Kg	1.00	04/05/2005 04:49	
Methyl tert-butyl ether (MTBE)	ND	0.50	mg/Kg	1.00	04/05/2005 04:49	
Surrogate(s)						
1,2-Dichloroethane-d4	94.3	53-129	%	1.00	04/05/2005 04:49	
Toluene-d8	98.3	47-136	%	1.00	04/05/2005 04:49	

Gas/BTEX Fuel Oxygenates by 8260B (High Level)

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0612-001

Shell SAP Number 136019

Received: 04/04/2005 14:10

Site: 1784 150th Street, San Leandro, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2005/04/04-3A.62-021

Soil

Test(s): 8260B

QC Batch # 2005/04/04-3A.62

Date Extracted: 04/05/2005 01:21

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	mg/Kg	04/05/2005 01:21	
Benzene	ND	0.50	mg/Kg	04/05/2005 01:21	
Toluene	ND	0.50	mg/Kg	04/05/2005 01:21	
Ethyl benzene	ND	0.50	mg/Kg	04/05/2005 01:21	
Total xylenes	ND	0.50	mg/Kg	04/05/2005 01:21	
Methyl tert-butyl ether (MTBE)	ND	0.50	mg/Kg	04/05/2005 01:21	
Surrogates(s)					
1,2-Dichloroethane-d4	102.8	53-129	%	04/05/2005 01:21	
Toluene-d8	102.8	47-136	%	04/05/2005 01:21	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

04/06/2005 14:58

Page 11 of 13

Gas/BTEX Fuel Oxygenates by 8260B (High Level)

Cambria Environmental Emeryville
Attn.: Martin Wills

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0612-001
Shell SAP Number 136019

Received: 04/04/2005 14:10

Site: 1784 150th Street, San Leandro, CA

Batch QC Report

Prep(s): 5030B Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2005/04/04-3A.62**
 LCS 2005/04/04-3A.62-028 Extracted: 04/05/2005 Analyzed: 04/05/2005 00:28
 LCSD 2005/04/04-3A.62-055 Extracted: 04/05/2005 Analyzed: 04/05/2005 00:55

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	11.4	11.7	10	114.0	117.0	2.6	69-129	20		
Toluene	11.7	12.4	10	117.0	124.0	5.8	70-130	20		
Methyl tert-butyl ether (MTBE)	11.5	11.4	10	115.0	114.0	0.9	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	242	264	250	96.8	105.6		53-129			
Toluene-d8	276	275	250	110.4	110.0		47-136			

Gas/BTEX Fuel Oxygenates by 8260B (High Level)

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0612-001

Shell SAP Number 136019

Received: 04/04/2005 14:10

Site: 1784 150th Street, San Leandro, CA

Legend and Notes

Analysis Flag

L2

Reporting limits were raised due to high level of analyte present in the sample.

Result Flag

S3

Surrogate recovery not reportable due to required dilution.

1220 Quarry Lane

Pleasanton, CA 94566

(925) 484-1919 (925) 484-1096 fax

Shell Project Manager to be invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSTON

Hill Merchant

2005-04-0081

INCIDENT NUMBER (SEE ONLY)

SAP or CRMT NUMBER (TS/CRMT)

1 3 6 0 1 9

DATE 4/4/05

PAGE 1 of 2

LABORATORY COMPANY: Cambria Environmental
 ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608
 PHONE: 510-420-3342 FAX: 510-420-9170 EMAIL: mwills@cambria-env.com
 TURNAROUND TIME (BUSINESS DAYS): 24 HOURS 1 LESS THAN 24 HOURS
 SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED

OFFICE ADDRESS (Street and City): 1784 150th Street, San Leandro, CA
 PHONE NUMBER: T0600101230
 CONTACT PERSON: Andy Ellismore
 LAB USE ONLY: 207-0612-001

TELEPHONE: 510-420-3342 FAX: 510-420-9170 EMAIL: mwills@cambria-env.com

TURNAROUND TIME (BUSINESS DAYS): 10 DAYS 5 DAYS 72 HOURS 48 HOURS 24 HOURS 1 LESS THAN 24 HOURS

LA - RWQCB REPORT FORMAT: USE AGENCY: _____
 GC/MS MISE CONFIRMATION: HIGHEST _____ HIGHEST per LOCATION _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED
 cc: lab report to aellismore@cambria-env
RUSH
 Any questions please call 510-420-3355

TPH - Fugable	TPH - Extractable (801.5m)	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"/> TSP	CUPES <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TSP	CAM17 <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TSP	Test for Disposal

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

ON ICE

Field Point Name: 3

LAB USE ONLY	Field Sample Identification		SAMPLING		MTRK	NO. OF CONT.	TPH - Fugable	TPH - Extractable (801.5m)	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"/> TSP	CUPES <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TSP	CAM17 <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TSP	Test for Disposal			
	DATE	TIME																						
	P-1-2.5		4/4/05	9:30	Soil	1	X		X	X														
	P-2-3.5		4/4/05	9:40	Soil	1																		
	P-3-3.0		4/4/05	9:50	Soil	1																		
	P-4-2.5		4/4/05	10:40	Soil	1	✓		✓	✓														

Requested by (Signature): [Signature] Received by (Signature): [Signature] Date: 4/4/05 Time: 2:10 pm
 Requested by (Signature): [Signature] Received by (Signature): [Signature] Date: 4/4/05 Time: 14:10
 Requested by (Signature): [Signature] Received by (Signature): [Signature] Date: 4/4/05 Time: 16:00

1220 Quarry Lane
Pleasanton, CA 94566

(925) 484-1919 (925) 484-1096 fax

Shell Project Manager to be Invoiced:

SCIENCE & ENGINEERING
 TECHNICAL SERVICES
 CRMT-HOUSTON

Bill Merchant

2005-04-0081

INCIDENT NUMBER (S&E ONLY)

SAP or CRMT NUMBER (TS/CRMT)

1 3 6 0 1 9

DATE: 4/4/05

PAGE: 2 of 2

SAMPLING COMPANY: Cambria Environmental
ADDRESS: 5900 Hollis Street; Suite A, Emeryville, CA 94608
PROJECT CONTACT: Martin Wills
PHONE: 510-420-3342
FAX: 510-420-9170
EMAIL: mwills@cambria-env.com

SITE ADDRESS (Street and City): 1784 150th Street, San Leandro, CA
STATE: CA
ZIP CODE: 94601
LABORATORY IDENTIFIER: T0600101230

PROJECT CONTACT: shelloaklanded@cambria-env.com
LABORATORY CONTACT: 207-0612-001

LABORATORY NAME: Andy Ellsmore
LAB USE ONLY:

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

LA - NACEB REPORT FORMAT: LA - NACEB REPORT FORMAT LIST AGENCY

GOALS MTRC CONFIRMATION HIGHEST: _____ **HIGHEST per BORING:** _____ **ALL:** _____

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

cc: lab report to aellsmore@cambria-env

Any questions please call 510-420-3365

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Purgeable	TPH - Extractable (AOTUM)	BTEX	MTBE	1,2 DCA and EDB	Ethanol	Methanol	VOCs by 8260S	Semi-Volatiles by 8270C	Lead <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TOLP	LUFTS <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TOLP	CANN7 <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TOLP	Test for Disposal	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes	
		DATE	TIME																	
	P-1-S.O	4/4/05	11:20	Soil	1	X		X	X											CRICE Field Point Tests 3
	P-4-S.O		11:45	Soil	1	X		X	X											
	P-2-S.O		12:15	Soil	1	X		X	X											
	P-3-S.O																			
	D-4-S.O		11:30	Soil	1	X		X	X											
	D-1-S.O		11:55	Soil	1	X		X	X											
	D-2-S.O		12:10	Soil	1	X		X	X											

Requested by (Signature):	Received by (Signature):	Date: 4/4/05	Time: 2:10 pm
Requested by (Signature):	Received by (Signature):	Date: 4/14/05	Time: 1410
Requested by (Signature):	Received by (Signature):	Date: 4/14/05	Time: 1600

Soil Stockpile Analytical Results

Cambria Environmental Emeryville

April 15, 2005

5900 Hollis Street, Ste. A
Emeryville, CA 94608

Attn.: Martin Wills

Project#: 207-0612-001

Project: Shell SAP Number 136019

Site: 1784 150th Street, San Leandro, CA

Attached is our report for your samples received on 04/14/2005 13:45

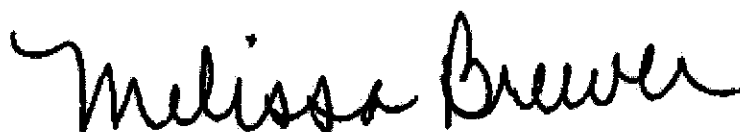
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 05/29/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: mbrewer@stl-inc.com

Sincerely,



Melissa Brewer
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Total Lead

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0612-001

Shell SAP Number 136019

Received: 04/14/2005 13:45

Site: 1784 150th Street, San Leandro, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SP-1	04/14/2005 10:00	Soil	1

Total Lead

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0612-001

Shell SAP Number 136019

Received: 04/14/2005 13:45

Site: 1784 150th Street, San Leandro, CA

Prep(s): 3050B	Test(s): 6010B
Sample ID: SP-1	Lab ID: 2005-04-0412 - 1
Sampled: 04/14/2005 10:00	Extracted: 4/15/2005 07:19
Matrix: Soil	QC Batch#: 2005/04/15-01.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	5.4	1.0	mg/Kg	1.00	04/15/2005 14:14	

Total Lead

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0612-001

Shell SAP Number 136019

Received: 04/14/2005 13:45

Site: 1784 150th Street, San Leandro, CA

Batch QC Report

Prep(s): 3050B

Method Blank

MB: 2005/04/15-01.15-027

Soil

Test(s): 6010B

QC Batch # 2005/04/15-01.15

Date Extracted: 04/15/2005 07:19

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	1.0	mg/Kg	04/15/2005 13:23	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

04/15/2005 15:54

Page 3 of 4

Total Lead

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0612-001

Shell SAP Number 136019

Received: 04/14/2005 13:45

Site: 1784 150th Street, San Leandro, CA

Batch QC Report										
Prep(s): 3050B						Test(s): 6010B				
Laboratory Control Spike				Soil			QC Batch # 2005/04/15-01.15			
LCS	2005/04/15-01.15-028			Extracted: 04/15/2005			Analyzed: 04/15/2005 13:26			
LCSD	2005/04/15-01.15-029			Extracted: 04/15/2005			Analyzed: 04/15/2005 13:30			
Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Lead	99.5	102	100.0	99.5	102.0	2.5	80-120	20		

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

04/15/2005 15:54

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0612-001

Shell SAP Number 136019

Received: 04/14/2005 13:45

Site: 1784 150th Street, San Leandro, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SP-1	04/14/2005 10:00	Soil	1

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0612-001
Shell SAP Number 136019

Received: 04/14/2005 13:45

Site: 1784 150th Street, San Leandro, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	SP-1	Lab ID:	2005-04-0412-1
Sampled:	04/14/2005 10:00	Extracted:	4/15/2005 12:43
Matrix:	Soil	QC Batch#:	2005/04/15-2A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	3.0	1.0	mg/Kg	1.00	04/15/2005 12:43	
Benzene	0.014	0.0050	mg/Kg	1.00	04/15/2005 12:43	
Toluene	0.025	0.0050	mg/Kg	1.00	04/15/2005 12:43	
Ethyl benzene	0.092	0.0050	mg/Kg	1.00	04/15/2005 12:43	
Total xylenes	0.20	0.0050	mg/Kg	1.00	04/15/2005 12:43	
Surrogate(s)						
1,2-Dichloroethane-d4	95.9	76-124	%	1.00	04/15/2005 12:43	
Toluene-d8	99.7	75-116	%	1.00	04/15/2005 12:43	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

04/15/2005 15:55

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0612-001

Shell SAP Number 136019

Received: 04/14/2005 13:45

Site: 1784 150th Street, San Leandro, CA

Batch QC Report		
Prep(s): 5030B		Test(s): 8260B
Method Blank	Soil	QC Batch # 2005/04/15-2A.62
MB: 2005/04/15-2A.62-054		Date Extracted: 04/15/2005 10:54

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	04/15/2005 10:54	
Benzene	ND	0.0050	mg/Kg	04/15/2005 10:54	
Toluene	ND	0.0050	mg/Kg	04/15/2005 10:54	
Ethyl benzene	ND	0.0050	mg/Kg	04/15/2005 10:54	
Total xylenes	ND	0.0050	mg/Kg	04/15/2005 10:54	
Surrogates(s)					
1,2-Dichloroethane-d4	91.4	76-124	%	04/15/2005 10:54	
Toluene-d8	97.2	75-116	%	04/15/2005 10:54	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

04/15/2005 15:55

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0612-001
Shell SAP Number 136019

Received: 04/14/2005 13:45

Site: 1784 150th Street, San Leandro, CA

Batch QC Report									
Prep(s): 5030B					Test(s): 8260B				
Laboratory Control Spike			Soil			QC Batch # 2005/04/15-2A.62			
LCS		2005/04/15-2A.62-028			Extracted: 04/15/2005		Analyzed: 04/15/2005 10:28		
LCSD									

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	0.0520		0.05	104.0			69-129	20		
Toluene	0.0582		0.05	116.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	427		500	85.4			76-124			
Toluene-d8	485		500	97.0			75-116			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Martin Wills

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3342 Fax: (510) 420-9170

Project: 207-0612-001

Shell SAP Number 136019

Received: 04/14/2005 13:45

Site: 1784 150th Street, San Leandro, CA

Batch QC Report			
Prep(s):	5030B	Test(s):	8260B
Matrix Spike (MS / MSD)		Soil	QC Batch # 2005/04/15-2A.62
MS/MSD		Lab ID:	2005-04-0250 - 001
MS: 2005/04/15-2A.62-050	Extracted: 04/15/2005	Analyzed:	04/15/2005 11:50
		Dilution:	1.00
MSD: 2005/04/15-2A.62-016	Extracted: 04/15/2005	Analyzed:	04/15/2005 12:16
		Dilution:	1.00

Compound	Conc. mg/Kg			Spk.Level mg/Kg	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	0.0486	0.0484	ND	0.047801	101.7	102.8	1.1	69-129	20		
Toluene	0.0558	0.0548	ND	0.047801	116.7	116.4	0.3	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	430	434		500	86.0	86.8		76-124			
Toluene-d8	485	506		500	97.0	101.2		75-116			

1220 Quarry Lane
Pleasanton, CA 94566

(925) 484-1919 (925) 484-1096 fax

Shell Project Manager to be invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRM: HOUSTON

Bill Merchant

2005-04-0412

INCIDENT NUMBER (S&E ONLY)

SAP or CRMT NUMBER (T/S/CRMT)

1 3 6 0 1 9

DATE: 4/4/05

PAGE: 1 of 1

COMPANY: Cambria Environmental ADDRESS: 5900 Hollis Street; Suite A, Emeryville, CA 94808 PROJECT CONTACT (Name/Title/Phone/Fax): Martin Wille TEL: 510-420-3342 FAX: 510-420-9170 E-MAIL: mwills@cambria-env.com	SITE ADDRESS (Street and City): 1784 150th Street, San Leandro, CA GLOBE ID NO.: T0600101230 BILL DELIVERABLE TO (Name/Title/Phone/Fax): shellcoakland@cambria-env.com INCIDENT NO.: CONSULTANT PROJECT NO.: 207-0612-001
---	---

TURNAROUND TIME (BUSINESS DAYS): <input type="checkbox"/> 10 DAYS <input type="checkbox"/> 5 DAYS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 48 HOURS <input checked="" type="checkbox"/> 24 HOURS <input type="checkbox"/> LESS THAN 24 HOURS <input type="checkbox"/> LA - RWQCB REPORT FORMAT <input checked="" type="checkbox"/> UST AGENCY: UCAMS MTEE CONFIRMATION: HIGHEST _____ HIGHEST per GC/ING _____ ALL _____ SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDB IS NOT NEEDED <input type="checkbox"/> cc: lab report to <u>aelismore@cambria-env</u> Any questions please call 510-420-3365	SAMPLE NAME: <u>Andy Elismore</u> LAB USE ONLY: <u>Ron BARONE</u>
---	---

REQUESTED ANALYSIS												FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes <u>Temp 2°C</u> ON ICE
TPN - Purgeable TPH - Extractable (9015m) BTEX MTBE NPA 5 Oxygenates 1,2 DCA and EDB Ethanol Methanol VOCs by 8268B Semi-Volatiles by 8270C Lead <input type="checkbox"/> Total <input type="checkbox"/> SILC <input type="checkbox"/> TOLP LUFTS <input type="checkbox"/> Total <input type="checkbox"/> SILC <input type="checkbox"/> TOLP CANT7 <input type="checkbox"/> Total <input type="checkbox"/> SILC <input type="checkbox"/> TOLP Test for Disposal												

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPN - Purgeable	TPH - Extractable (9015m)	BTEX	MTBE	NPA	5 Oxygenates	1,2 DCA and EDB	Ethanol	Methanol	VOCs by 8268B	Semi-Volatiles by 8270C	Lead <input type="checkbox"/> Total <input type="checkbox"/> SILC <input type="checkbox"/> TOLP	LUFTS <input type="checkbox"/> Total <input type="checkbox"/> SILC <input type="checkbox"/> TOLP	CANT7 <input type="checkbox"/> Total <input type="checkbox"/> SILC <input type="checkbox"/> TOLP	Test for Disposal	Field Point Name	
		DATE	TIME																			
	SP-1-A	4/4	1000	SO	1																	
	SP-1-B	↓	↓	↓	↓																	
	SP-1-C	↓	↓	↓	↓																	
	SP-1-D	↓	↓	↓	↓																	

Requested by: (Signature) <u>[Signature]</u>	Received by: (Signature) <u>[Signature]</u>	Date: 4-14-2005	Time: 1135
Requested by: (Signature) <u>[Signature]</u>	Received by: (Signature) <u>[Signature]</u>	Date: 4-14-05	Time: 1345
Requested by: (Signature) <u>[Signature]</u>	Received by: (Signature) <u>[Signature]</u>	Date: 4-14-05	Time: 1520

6

SFLogin

205-04-0412

From: Brewer, Melissa
Sent: Thursday, April 14, 2005 4:16 PM
To: SFLogin
Subject: FW: 1784 150TH Street, San Leandro- Disposal Samples

Melissa Brewer
STL - San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

(925) 484-1919

-----Original Message-----

From: Barone, Ron [mailto:rbarone@cambria-env.com]
Sent: Thursday, April 14, 2005 3:05 PM
To: Brewer, Melissa
Subject: 1784 150TH Street, San Leandro- Disposal Samples

Melissa, attached is the "test for disposal" sheet for the composite sample you picked up today. If there are any questions please let me know. Email me back to confirm. Thank you.

Sincerely,
Ron Barone
Staff Geologist
Cambria Environmental Technology, Inc.
5900 Hollis, Suite A
Emeryville, CA, 94608
Desk: 510.420.3308
Cell: 510.376.0721
Fax: 510.420.9170

4/14/2005

2005-04-0412 114185

Page 1 of 1

1704 150th STREET, SAN LEANDRO

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RESIDUAL MANAGEMENT PROCEDURE

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

RESIDUAL STREAM: SOIL WITH UNLEADED GASOLINE
VENDOR: ALLIED-BFI
LOCATION: ALLIED WASTE - MANTECA
9999 SOUTH AUSTIN ROAD
MANTECA, CA 95336

CALIFORNIA - TRANSPORTATION AND RETAIL

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

CAM METALS = TTLC METALS - LEAD ONLY

STLC ON ALL TTLC METALS 10 TIMES STLC MAXIMUM

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

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

TOTAL PETROLEUM HYDROCARBONS, METHOD 418.1 OR 8015 - GASOLINE

~~HTOL METHOD 8260B (SEM)~~

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

LABORATORY INSTRUCTIONS (MINIMUM GUIDELINES ONLY)

-ALTERNATE APPROVED TEST METHODS PER SW846 ARE ALSO ACCEPTABLE

-ALL REQUIRED TESTS ON COMPOSITE (MAX 4:1)

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

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

PROCEDURE ORIGINAL DATE: 08/01/01
PROCEDURE REVISED DATE: 08/01/01

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

Subject : 1 Soil Sample
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 : 42922

Date : 3/23/2005

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

Project Number : 207-0612-001

Sample : SP-2

Matrix : Soil

Lab Number : 42922-01

Sample Date :3/22/2005

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
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	3/22/2005
Toluene - d8 (Surr)	97.2		% Recovery	EPA 8260B	3/22/2005
4-Bromofluorobenzene (Surr)	91.1		% Recovery	EPA 8260B	3/22/2005

Approved By:

Jodi Kiff

Report Number : 42922

Date : 3/23/2005

QC Report : Laboratory Control Sample (LCS)

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

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

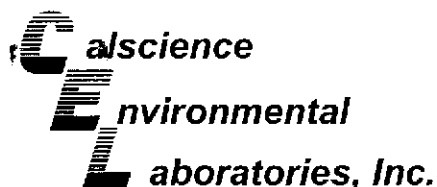
Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	0.0400	mg/Kg	EPA 8260B	3/22/05	99.3	70-130
Toluene	0.0400	mg/Kg	EPA 8260B	3/22/05	96.9	70-130
Methyl-t-Butyl Ether	0.0400	mg/Kg	EPA 8260B	3/22/05	94.9	70-130

KIFF ANALYTICAL, LLC

Approved By:


Joe Kiff

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



March 28, 2005

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

Subject: **Calscience Work Order No.: 05-03-1560**
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.

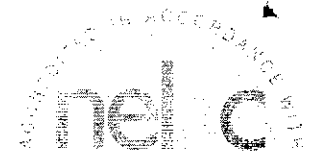
If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Nowak", written in a cursive style.

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: 05-03-1560
 Preparation: EPA 3050B
 Method: EPA 6010B

Project: 1784 150th Street, San Leandro, CA

Page 1 of 1

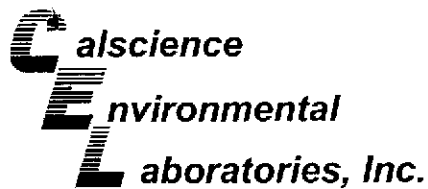
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SP-2	05-03-1560-1	03/22/05	Solid	03/24/05	03/24/05	050324L01A

Parameter	Result	RL	DF	Qual	Units
Lead	2.36	0.50	1		mg/kg

Method Blank	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
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: 05-03-1560
Preparation: EPA 3050B
Method: EPA 6010B

Project 1784 150th Street, San Leandro, CA

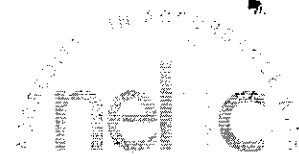
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-03-1520-15	Solid	ICP 3300	03/24/05	03/25/05	050324S01

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



Environmental Quality Control - Laboratory Control Sample
Laboratories, Inc.



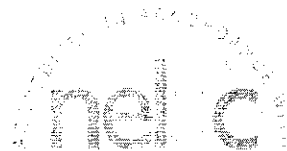
Kiff Analytical	Date Received:	N/A
2795 2nd Street, Suite 300	Work Order No:	05-03-1560
Davis, CA 95616-6593	Preparation:	EPA 3050B
	Method:	EPA 6010B

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: 05-03-1560

<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. **1560**
1557 Page 1 of 1

Project Contact (Hardcopy or PDF to): **Joel Kiff** Geotracker COELT EDD REPORT? YES NO

Company/Address: **Kiff Analytical, LLC** Sampling Company Log Code: **CETE** **Chain-of-Custody Record and Analysis Request**

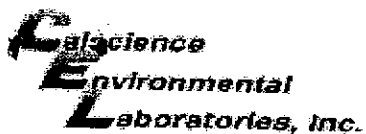
Phone No.: FAX No.: Global ID: **T0600101230**

Project Number: **207-0612-001** P.O. No.: **42922** EDF Deliverable to (Email Address): **inbox@kiffanalytical.com**

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

Sample Designation	Sampling		Container					Preservative				Matrix			Total Lead	Date Due:	For Lab Use Only		
	Date	Time	Glass Jar	Poly	Amber	Sleeve	Tedlar	H ₂ SO ₄	HNO ₃	ICE	NONE	Na ₂ S ₂ O ₃	WATER	SOIL				AIR	
SP-2	3/22/05	11:50	1						X	X			X		X		X	March 24, 2005	

Relinquished by: <i>Dayle Ann</i> Kiff Analytical	Date: <i>032305</i>	Time: <i>1900</i>	Received by:	Remarks: STLC on Lead 10 times STLC Maximum. TTLC Lead => 13 mg/kg requires Organic Lead analytical. If Lead is > or = to 20 times TCLP regulatory levels, TCLP is required.
Relinquished by:	Date:	Time:	Received by:	
Relinquished by: <i>CO</i>	Date: <i>3-24-05</i>	Time: <i>0815</i>	Received by Laboratory: <i>W. Chatterjee</i>	
Bill to:				



WORK ORDER #:

05 - 03 - 1560

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: WVB

CUSTODY SEAL INTACT:

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

Initial: WVB

SAMPLE CONDITION:

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

Initial: WVB

COMMENTS:

Blank lines for handwritten comments.

720 Olive Drive, Suite D
Davis, CA 95616

Shell Project Manager to be invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- ENVIRONMENTAL

Bill Merchant

1	3	6	0	1	9
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DATE: 3/ 22 /05
PAGE: 1 of 1

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

LOG CODE: _____ SITE ADDRESS (Street and City): **1784 150th Street, San Leandro, CA** GLOBAL ID NO.: 1000019025

ADDRESS: **5900 Hollis Street; Suite A, Emeryville, CA 94608** T0600101230

EDF DELIVERABLE TO (Responsible Party or Designee): _____ PHONE NO.: _____ E-MAIL: _____ CONSULTANT PROJECT NO.: **207-0812-001**

PROJECT CONTACT (Hardcopy or PDF Report to): **Marty Wills** shelloaklandedf@cambria-env.com

TELEPHONE: **510-420-3342** FAX: **510-420-9170** E-MAIL: **mwills@cambria-env.com** 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

Any questions please call 510-420-3308

Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Purgeable	TPH - Extractable (EOT5m)	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"/> TOLP	LUFTS <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TOLP	CAM17 <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TOLP	Test for Disposal <i>See Method</i>	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes		
	DATE	TIME																				
SP-2-A	3/22	1500	So	1																	} 01	
SP-2-B	↓	↓	↓	↓																		
SP-2-C	↓	↓	↓	↓																		
SP-2-D	↓	↓	↓	↓																		

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>Secure Location</i>	Date: <i>3-22-2005</i>	Time: <i>1400</i>
Relinquished by: (Signature) <i>S. Thompson</i>	Received by: (Signature) _____	Date: <i>3-22-05</i>	Time: _____
Relinquished by: (Signature) _____	Received by: (Signature) <i>Osama Al-Bahr / Analytical</i>	Date: <i>032205</i>	Time: <i>1541</i>

42922

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RESIDUAL MANAGEMENT PROCEDURE

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

RESIDUAL STREAM: SOIL WITH UNLEADED GASOLINE
ENDOR: ALLIED-BFI
LOCATION: ALLIED WASTE - MANTECA
 9999 SOUTH AUSTIN ROAD
 MANTECA, CA 95336

CALIFORNIA - TRANSPORTATION AND RETAIL

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

HEAVY METALS = TTLC METALS - LEAD ONLY

STLC ON ALL TTLC METALS 10 TIMES STLC MAXIMUM

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

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

TOTAL PETROLEUM HYDROCARBONS, METHOD 418.1 OR 8015 - GASOLINE

~~HFBE METHOD 8260B (GC/MS)~~

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

LABORATORY INSTRUCTIONS (MINIMUM GUIDELINES ONLY)

ALTERNATE APPROVED TEST METHODS PER SW846 ARE ALSO ACCEPTABLE

ALL REQUIRED TESTS ON COMPOSITE (max 4:1)

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

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

PROCEDURE ORIGINAL DATE: 08/01/01

PROCEDURE REVISED DATE: 08/01/01

ATTACHMENT C

Soil Disposal Confirmation



Hazardous Waste Hauler (Registration #2843)

8896 Elder Creek Rd. • Sacramento, CA 95828 • FAX (916) 381-1573

Disposal Confirmation

Request for Transportation Received: 04/18/05

Consultant Information

Company: Cambria
 Contact: Ron Barone
 Phone: 510-420-3308
 Fax: 510-420-9170

Site Information

Station #: _____
 Street Address: 1784 150th Ave.
 City, State, ZIP: San Leandro, Ca

Customer: Shell Oil Company RESA-0023-LDC
 RIPR #: 43953
 SAP # / Location: 136019
 Incident #: NA
 Location / WIC #: NA
 Environmental Engineer: Jeff Miller

Material Description: Soil
 Estimated Quantity: 60 - 70 cy
 Service Requested Date: ASAP

Disposal Facility: Forward Landfill
 Contact: Scott
 Phone: 800 204-4242
 Approval #: 5414
 Date of Disposal: 04/25/05
 Actual Tonnage: 145.72 tons

Transporter: Manley & Sons Trucking, Inc.
 Contact: Alayna A Rowe
 Phone: 916 381-6864
 Fax: 916 381-1573
 Invoice: 200504-37
 Date of Invoice: 04/30/05