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Denis L. Brown

Shell Oil Products US

HSE – Environmental Services

20945 S. Wilmington Ave.

Carson, CA 90810-1039

Tel (707) 865 0251

Fax (707) 865 2542

Email denis.l.brown@shell.com

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

Re: Shell-branded Service Station
506-510 International Blvd. (510 E. 14th Street)
Oakland, California
SAP Code 135695
Incident No. 97601734
ACHCSA Case No. RO0002853

Dear Mr. Wickham:

The attached document is provided for your review and comment. 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,

A handwritten signature in black ink, appearing to read "Denis L. Brown", is written over a horizontal line.

Denis L. Brown
Project Manager

October 5, 2006

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

Re: **Site Investigation and
Third Quarter 2006 Groundwater Monitoring Report**
Shell-branded Service Station
506-510 International Blvd. (510 E. 14th Street)
Oakland, California
SAP Code 135695
Incident No. 97601734
ACHCSA File No. RO0002853



Dear Mr. Wickham:

Cambria Environmental Technology, Inc. (Cambria) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell) to document the recent site investigation activities at the above referenced site. The purpose of the investigation was to install and monitor groundwater monitoring wells at the site to further investigate petroleum hydrocarbon impacts. Cambria followed the scope of work and procedures presented in our March 16, 2006 *Well Installation Work Plan and Well Survey Report*, which was approved by the Alameda County Health Care Services Agency (ACHCSA) in their April 4, 2006 letter to Shell.

EXECUTIVE SUMMARY

- Five soil borings were drilled onsite and converted to groundwater monitoring wells MW-1 through MW-5, to evaluate site groundwater gradient and concentrations. A proposed sixth offsite well was not installed because of right-of-entry issues.
- Soil analytical data indicate that TPHg, BTEX, MTBE, and TBA are present at low concentrations in soils at the site.
- Groundwater gradient at the site has a westerly flow at 0.03.
- TPHg was present in groundwater samples collected from the new monitoring wells at concentrations ranging from 242 to 2,130 micrograms per liter ($\mu\text{g/l}$), benzene was detected in monitoring well MW-2 at 1.18 $\mu\text{g/l}$, MTBE was reported in all wells at the site at concentrations ranging from 6.53 to 829 $\mu\text{g/l}$, and TBA was detected in groundwater samples at the site at concentrations ranging from 11.1 to 55.5 $\mu\text{g/l}$.

**Cambria
Environmental
Technology, Inc.**

270 Perkins Street
Sonoma, CA 95476
Tel (707) 935-4850
Fax (707) 935-6649

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SITE DESCRIPTION AND BACKGROUND

The site is an active Shell-branded service station located at the intersection of International Boulevard (formerly East 14th Street) and 5th Avenue in Oakland, California (Figure 1). City property records indicate that the parcel's address is listed as 506 14th Street in the County Assessor's records. The service station layout includes a station building, three dispenser islands, and a gasoline underground storage tank (UST) complex (Figure 2). The site also previously had a waste oil UST. Land use in the surrounding area is mixed commercial and residential.



A summary of previous work performed at the site and additional background information is contained in Attachment A.

INVESTIGATION SUMMARY

In a December 19, 2005 *Subsurface Investigation Report*, Cambria recommended the installation of monitoring wells at the site to provide a comprehensive groundwater monitoring network. ACHCSA requested a work plan for the installation of wells, along with a detailed well survey, in correspondence dated January 20, 2006. Cambria submitted a *Well Installation Work Plan and Well Survey Report* dated March 16, 2006, which was approved by ACHCSA in correspondence dated April 4, 2006. The investigation activities and results are presented below.

Permit: A drilling permit was obtained from Alameda County Public Works Agency (Attachment B).

Drilling Dates: July 26, 27, and 28, 2006.

Drilling Company: Gregg Drilling.

Personnel: Geologist Bill DeBoer directed the drilling activities under the supervision of California Professional Geologist Ana Friel.

Drilling Method: Hollow-stem auger.

Number of Borings: Five soil borings were drilled during this investigation and were converted into monitoring wells (MW-1 through MW-5).

Offsite soil boring MW-6 was not installed during this investigation because Shell could not secure a right-of-entry agreement with either of the two property owners contacted.

The boring/well specifications and soil types encountered are described on the boring logs contained in Attachment C. The boring/well locations are shown on Figure 2.



Boring Depths:

25 to 30 feet below grade (fbg).

Groundwater Depths:

Based on previous soil borings at the site and the potential for perched water zone, the borings were cleared to 10 fbg and allowed to sit overnight to allow for groundwater infiltration. Borings MW-1 and MW-4 contained perched groundwater at 4.30 and 9.71 fbg, respectively. This water may have come from the overnight watering of an adjacent flower bed. Grab water samples were collected from MW-1 and MW-4 prior to extending the boreholes. None of the other borings contained any perched water. The borings were then further extended to identify and screen the zone of first encountered water. Groundwater was first encountered in the borings between 14 and 20 fbg. Static groundwater was later measured in the wells between 9.91 and 10.98 fbg.

Soil Disposal:

The soils generated during field activities were covered with plastic sheeting, stored onsite, and were sampled and profiled for disposal. The laboratory report for the stockpiled soils is included in Attachment D. The soil will be transported to Allied Waste Industries' Forward Landfill in Manteca, California for disposal. Disposal documentation will be available from Cambria upon request.

Well Development/Sampling:

Blaine Tech Services Inc., (Blaine) developed and purged the wells on August 25, 2006, and gauged and sampled the wells on August 29, 2006. Blaine developed the wells using surge block agitation and pump evacuation. Blaine's groundwater

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monitoring and well development report, including field data sheets and analytical data table, is presented as Attachment E.

Wellhead Survey:

On September 7, 2006, Virgil Chavez Land Surveying (licensed land surveyor No. 6323) of Vallejo, California surveyed the top of casing elevations for all the wells relative to mean sea level and surveyed the wells for longitudes and latitudes. The survey report is included as Attachment F.



FINDINGS

Soil: The soil chemical analytical data are summarized in Table 1 and TPHg, benzene, and MTBE analytical results are presented on Figure 3. Laboratory analytical reports are presented in Attachment G.

Groundwater: The grab groundwater chemical analytical data for the perched water collected from MW-1 and MW-4 are summarized in Table 2 and the laboratory analytical reports are presented in Attachment G. The third quarter groundwater chemical analytical data from the monitoring wells are summarized in the Blaine's table included in Attachment E. Benzene and MTBE analytical results for the groundwater samples and groundwater elevation contours are presented on Figure 4. Laboratory analytical reports are presented in Attachment G.

CONCLUSIONS

The findings of this investigation indicate that the low level soil impacts are present at the site and that the groundwater is impacted at maximum concentrations of 2,130 µg/l TPHg, 1.18 µg/l benzene, 829 µg/l MTBE, and 55.5 µg/l TBA.

RECOMMENDATIONS

In order to confirm site groundwater gradient and establish concentration trends at the site, Shell recommends that the newly installed groundwater monitoring wells be gauged, monitored and reported on a quarterly schedule. The analytical suite for all wells will include TPHg, BTEX, MTBE, and TBA, with all five oxygenates being analyzed in all wells once a year.

CLOSING

We appreciate your continued assistance with this project. Please note the new Cambria Project Manager for this site. If you have any questions concerning this submittal, please contact Dennis Baertschi at (707) 268-3813 or dbaertschi@cambria-env.com. In addition, please direct future Cambria correspondence to his attention at 270 Perkins Street, Sonoma, CA 95476.

Sincerely,
Cambria Environmental Technology, Inc.

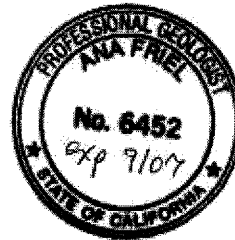


Dennis Baertschi

Dennis Baertschi
 Project Geologist

Ana Friel

Ana Friel, PG
 Associate Geologist



Figures: 1 - Vicinity Map

- 2 - Site Map
- 3 - Soil Chemical Concentration Map
- 4 - Groundwater Elevation Contour and Chemical Concentration Map

Tables:

- 1 - Soil Analytical Data
- 2 - Groundwater Analytical Data

Attachments:

- A - Site History
- B - Permits
- C - Boring Logs
- D - Disposal Laboratory Analytical Reports
- E - Blaine Groundwater Monitoring and Development Report
- F - Virgil Chavez Well Survey Report
- G - Certified Analytical Reports

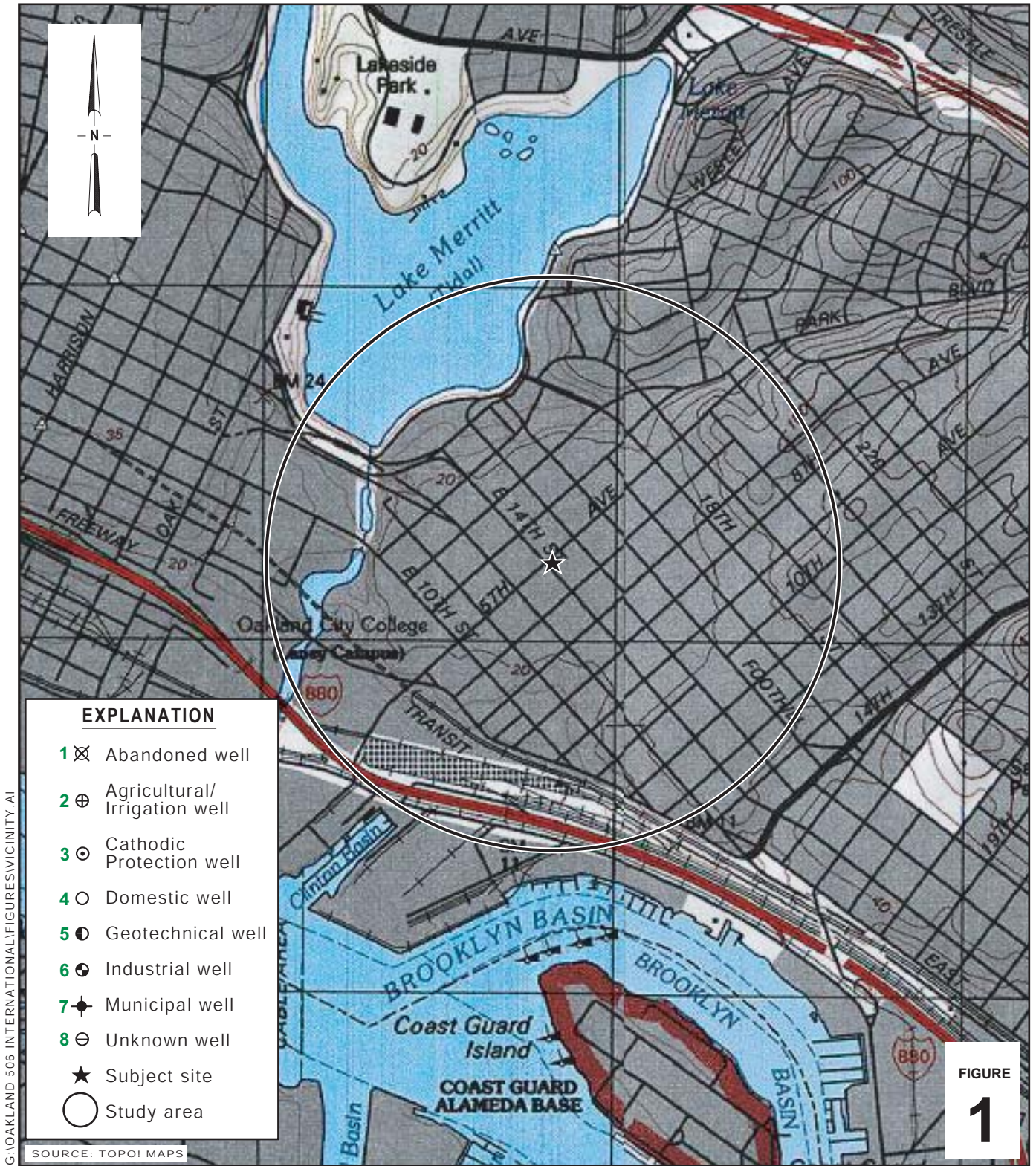
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cc: Denis Brown, Shell Oil Products US

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SOURCE: TOPOI MAPS

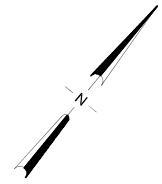
Shell-branded Service Station

506 International Boulevard (506 E. 14th St.)
Oakland, California
Incident No.97601734



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Vicinity Map



5th AVENUE

INTERNATIONAL BOULEVARD (EAST 14th STREET)

EXPLANATION	
MW-1	Monitoring well location
SB-1	Soil boring location (10/18-19/05)
D-1-5'	Soil and groundwater sample location (7/22/04)
T-1	Soil sample location (1993)
- - - - -	Electrical line (E)
- - - - -	Sanitary sewer line (SS)
- - - - -	Water line (W)
- - - - -	Telecommunications line (T)
- - - - -	Product piping

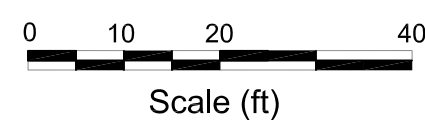
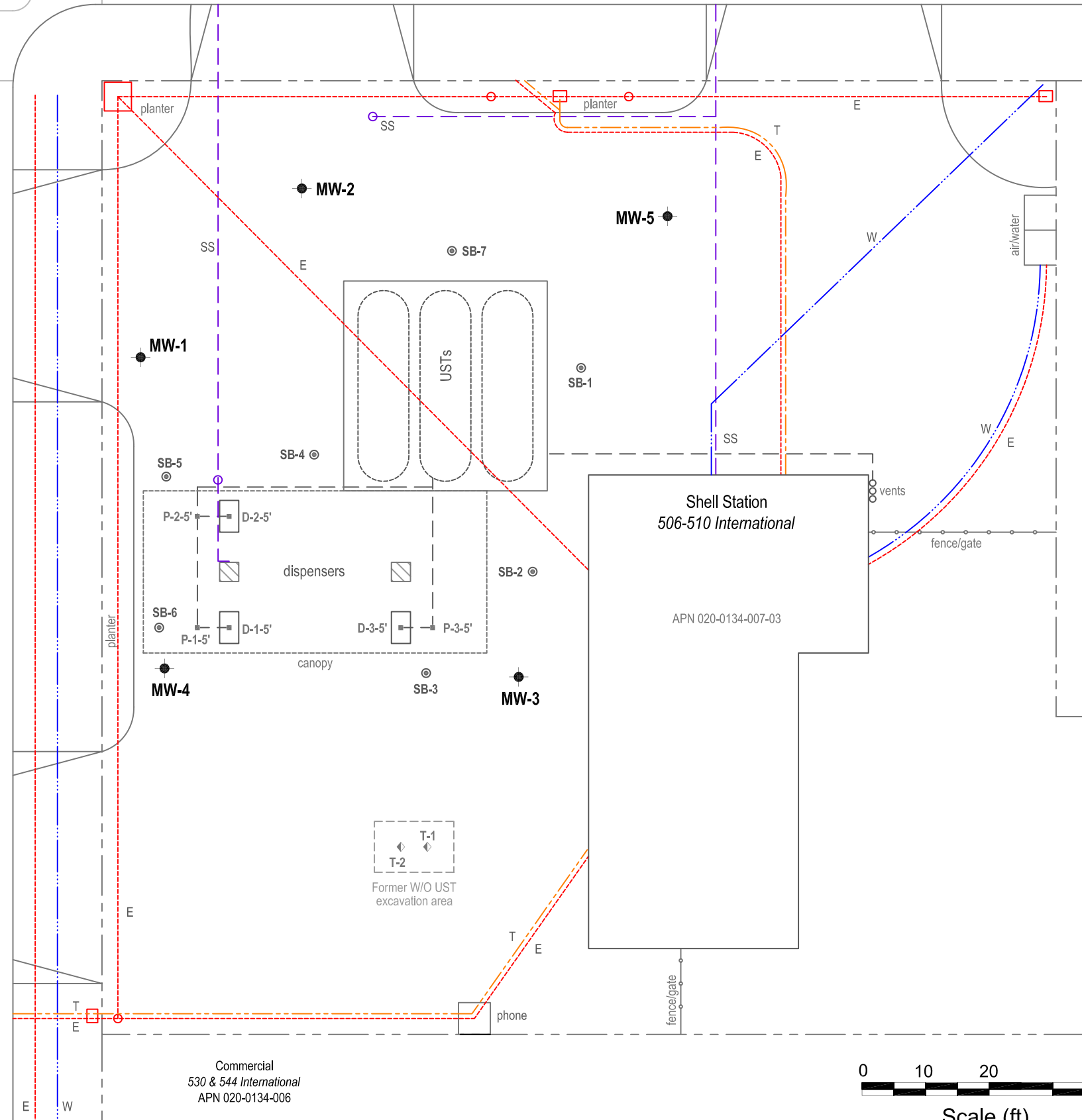


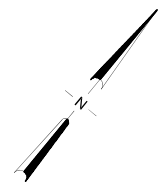
FIGURE 2

Site Plan



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Shell-branded Service Station
506-510 International Boulevard (506 E. 14th St.)
Oakland, California
Incident No. 97601734



5th AVENUE

INTERNATIONAL BOULEVARD (EAST 14th STREET)

K:\OAKLAND 506 14TH\FIGURES\SOIL DATA 7-06.DWG

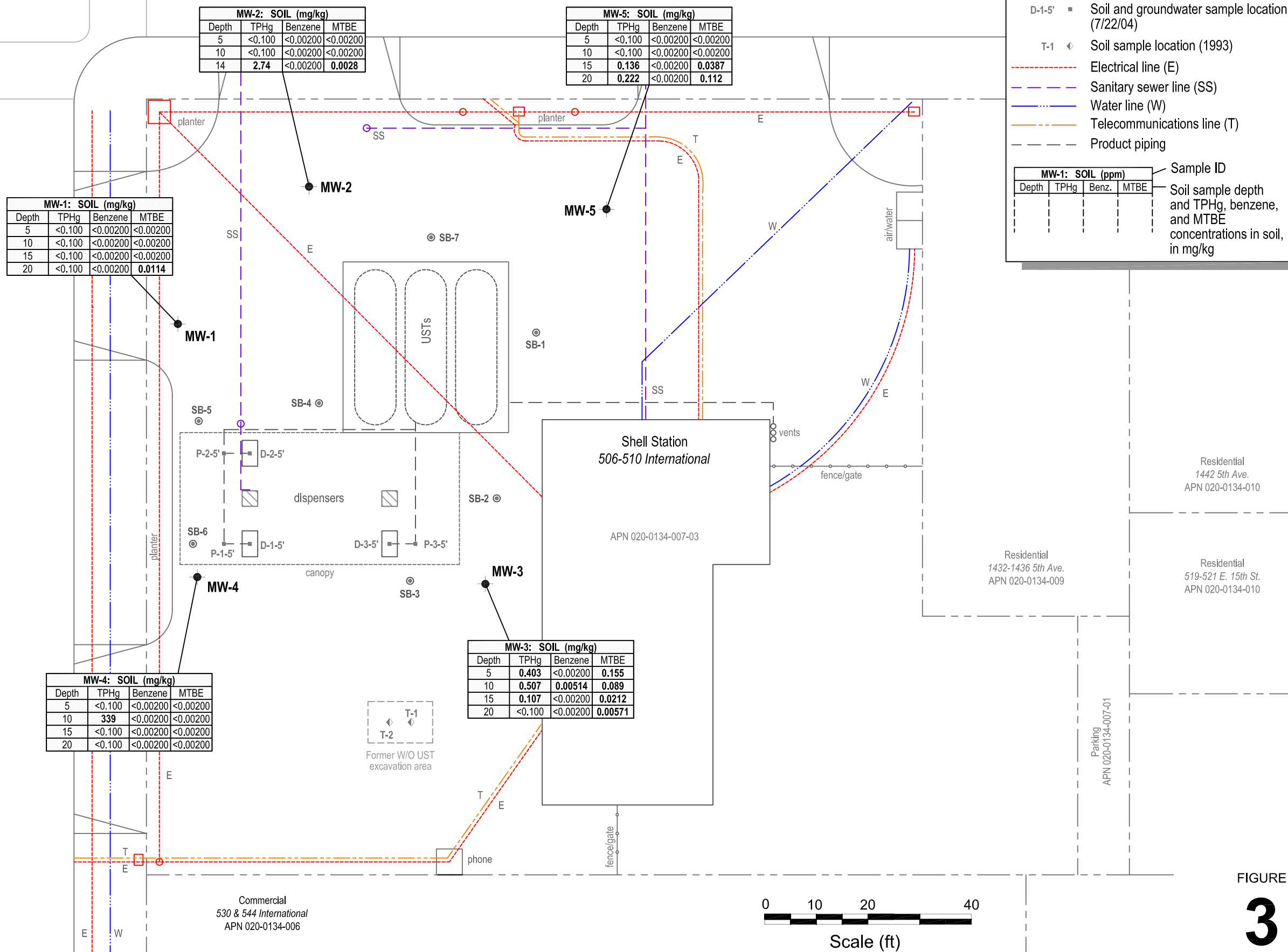


FIGURE
3

Soil Chemical
Concentration Map



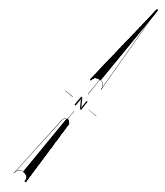
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Shell-branded Service Station

506-510 International Boulevard (506 E. 14th St.)

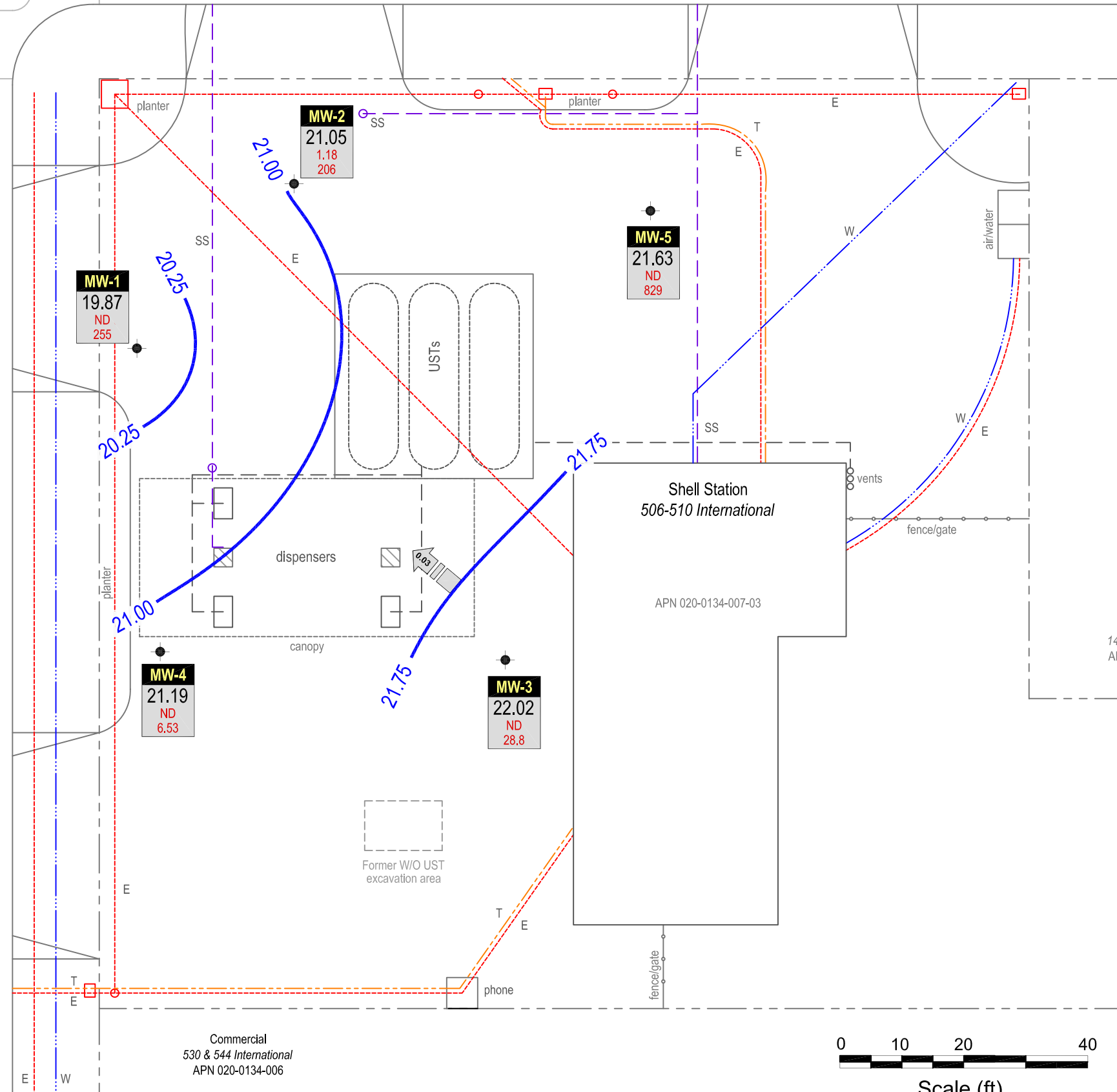
Oakland, California

Incident No. 97601734



5th AVENUE

INTERNATIONAL BOULEVARD (EAST 14th STREET)



EXPLANATION

- MW-1 ● Monitoring well location
- Electrical line (E)
- Sanitary sewer line (SS)
- Water line (W)
- Telecommunications line (T)
- Product piping
- Groundwater flow direction and gradient (ft/ft)
- xx.xx Groundwater elevation contour, in feet above mean sea level (msl), approximately located, dashed where inferred

Well	Well designation
ELEV	Groundwater elevation, in feet above msl
Benzene	Benzene and MTBE concentrations are in micrograms per liter and are analyzed by EPA Method 8260.
MTBE	

Notes:
ND = Below laboratory detection limits

K:\OAKLAND 506 14TH\FIGURES\3\0M06.DWG

Commercial
530 & 544 International
APN 020-0134-006

Shell Station
506-510 International
APN 020-0134-007-03

Residential
1432-1436 5th Ave.
APN 020-0134-009

Residential
519-521 E. 15th St.
APN 020-0134-010

Residential
1442 5th Ave.
APN 020-0134-010

Parking
APN 020-0134-007-01

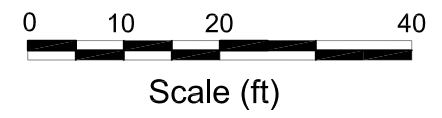


FIGURE
4

Groundwater Elevation Contour
and Chemical Concentration Map



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Shell-branded Service Station
506-510 International Boulevard (506 E. 14th St.)
Oakland, California
Incident No. 97601734

August 29, 2006

Table 1. Historical Soil Analytical Data - Shell-branded Service Station, 506-510 International Blvd (510 E. 14th Street), Oakland, CA

Sample ID	Depth (fbg)	Date	←							→						
			TPHg	TPHd	Oil and Grease	Benzene	Toluene	Ethyl benzene	Total Xylenes	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB
1993 Tank Excavation Sampling																
T-1	7.5	3/30/1993	<0.5	<10	<30	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--
T-2	7.5	3/30/1993	<0.5	<10	<30	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--	--	--
2004 Upgrade Activities																
P-1-5'	5.0	07/22/04	220	--	--	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--
P-2-5'	5.0	07/22/04	4.8	--	--	0.045	0.021	0.14	0.020	--	--	--	--	--	--	--
P-3-5'	5.0	07/22/04	8,400	--	--	<5.0	52	420	<5.0	--	--	--	--	--	--	--
D-1-5'	5.0	07/22/04	92	--	--	<0.50	0.57	0.52	<0.50	--	--	--	--	--	--	--
D-2-5'	5.0	07/22/04	<1.0	--	--	<0.0050	<0.0050	<0.0050	0.015	--	--	--	--	--	--	--
D-3-5'	5.0	07/22/04	1.4	--	--	<0.0050	0.0082	0.12	<0.0050	--	--	--	--	--	--	--
2005 Subsurface Investigation																
SB-1-5.0	5	10/19/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	0.12	0.11	<0.010	<0.0050	<0.0050	--	--
SB-1-9.5	9.5	10/19/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	0.025	0.096	<0.010	<0.0050	<0.0050	--	--
SB-1-14.5	14.5	10/19/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	0.026	0.071	<0.010	<0.0050	<0.0050	--	--
SB-1-19.5	19.5	10/19/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	0.38	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-1-24.5	24.5	10/19/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-2-5.0	5	10/18/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	0.017	<0.010	<0.0050	<0.0050	--	--
SB-2-10.0	10.0	10/18/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-2-14.5	15.5	10/18/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-2-19.5	19.5	10/18/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-2-24.5	24.5	10/18/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-3-5.0	5	10/19/2005	14	--	--	<0.025	<0.025	0.078	0.21	0.11	0.15	<0.050	<0.025	<0.025	--	--
SB-3-9.5	9.5	10/19/2005	18	--	--	0.013	<0.0050	0.22	0.030	0.059	0.22	<0.010	<0.0050	<0.0050	--	--
SB-3-11.5	11.5	10/19/2005	18	--	--	<0.025	<0.025	0.034	<0.025	0.15	0.038	<0.050	<0.025	<0.025	--	--
SB-3-14.5	14.5	10/19/2005	1.0	--	--	0.0074	<0.0050	0.0091	<0.0050	0.056	0.034	<0.010	<0.0050	<0.0050	--	--
SB-3-19.5	19.5	10/19/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	0.064	0.018	<0.010	<0.0050	<0.0050	--	--
SB-3-24.5	24.5	10/19/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-3-29.5	29.5	10/19/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	--	--

Table 1. Historical Soil Analytical Data - Shell-branded Service Station, 506-510 International Blvd (510 E. 14th Street), Oakland, CA

Sample ID	Depth (fbg)	Date	←										→			
			TPHg	TPHd	Oil and Grease	Benzene	Toluene	Ethyl benzene	Total Xylenes	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB
SB-4-5.0	5	10/18/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	0.19	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-4-9.5	9.5	10/18/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	0.26	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-4-14.5	14.5	10/18/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-4-19.5	19.5	10/18/2005	<5.0	--	--	<0.025	<0.025	<0.025	<0.025	2.7	0.18	<0.050	<0.050	<0.050	--	--
SB-4-23.5	23.5	10/18/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	0.016	<0.010	<0.0050	<0.0050	--	--
SB-5-5.0	5	10/18/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	0.0054	<0.010	<0.0050	<0.0050	--	--
SB-5-9.5	9.5	10/18/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-5-14.5	14.5	10/18/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-5-19.5	19.5	10/18/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	0.031	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-5-24.5	24.5	10/18/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	0.15	0.063	<0.010	<0.0050	<0.0050	--	--
SB-6-5.0	5	10/18/2005	120a	--	--	<0.50	<0.50	<0.50	<0.50	<2.5	<0.50	<1.0	<0.50	<0.50	--	--
SB-6-9.5	9.5	10/18/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-6-14.5	14.5	10/18/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-6-19.5	19.5	10/18/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-6-24.5	24.5	10/18/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	0.024	0.16	<0.010	<0.0050	<0.0050	--	--
SB-7-5.0	5	10/19/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	0.016	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-7-10.0	10.0	10/19/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	0.10	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-7-14.5	14.5	10/19/2005	4.4	--	--	<0.0050	<0.0050	<0.0050	<0.0050	0.045	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-7-19.5	19.5	10/19/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	0.14	<0.0050	<0.010	<0.0050	<0.0050	--	--
SB-7-24.0	24.0	10/19/2005	<1.0	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	--	--
2006 Well Installation																
MW-1-5	5	7/26/2006	<0.100	--	--	<0.00200	<0.0020	<0.00200	<0.0050	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200
MW-1-10	10.0	7/28/2003	<0.100	--	--	<0.00200	<0.0020	<0.00200	<0.0050	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200
MW-1-15	15.0	7/28/2006	<0.100	--	--	<0.00200	<0.0020	<0.00200	<0.0050	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200
MW-1-20	20.0	7/28/2006	<0.100	--	--	<0.00200	<0.0020	<0.00200	<0.0050	<0.0500	0.0114	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200
MW-2-5	5.0	7/26/2006	<0.100	--	--	<0.00200	<0.0020	<0.00200	<0.0050	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200
MW-2-10	10.0	7/27/2006	<0.100	--	--	<0.00200	<0.0020	<0.00200	<0.0050	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200
MW-2-14	14.0	7/27/2006	2.74	--	--	<0.00200	<0.0020	<0.00200	<0.0050	<0.0500	0.0028	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200
MW-3-5	5.0	7/26/2006	0.403	--	--	<0.00200	<0.0020	<0.00200	<0.0050	<0.0500	0.155	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200
MW-3-10	10.0	7/28/2003	0.507	--	--	0.00514	<0.0020	<0.00200	<0.0050	0.0588	0.089	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200
MW-3-15	15.0	7/28/2003	0.107	--	--	<0.00200	0.0102	0.00296	0.0134	<0.0500	0.0212	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200
MW-3-20	20.0	7/28/2003	<0.100	--	--	<0.00200	<0.0020	<0.00200	<0.0050	<0.0500	0.00571	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200
MW-4-5	5.0	7/28/2003	<0.100	--	--	<0.00200	<0.0020	<0.00200	<0.0050	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200

Table 1. Historical Soil Analytical Data - Shell-branded Service Station, 506-510 International Blvd (510 E. 14th Street), Oakland, CA

Sample ID	Depth (fbg)	Date	TPHg	TPHd	Oil and Grease	Benzene	Toluene	Ethyl benzene	Total Xylenes (mg/kg)	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB
MW-4-10	10.0	7/28/2003	339	--	--	<0.00200	<0.0020	0.137	0.00505	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200
MW-4-15	15.0	7/28/2003	<0.100	--	--	<0.00200	<0.0020	<0.00200	<0.0050	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200
MW-4-20	20.0	7/28/2003	<0.100	--	--	<0.00200	<0.0020	<0.00200	<0.0050	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200
MW-5-5	5.0	7/26/2006	<0.100	--	--	<0.00200	<0.0020	<0.00200	<0.0050	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200
MW-5-10	10.0	7/27/2006	<0.100	--	--	<0.00200	<0.0020	<0.00200	<0.0050	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200
MW-5-15	15.0	7/27/2006	0.136	--	--	<0.00200	<0.0020	<0.00200	<0.0050	<0.0500	0.0387	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200
MW-5-20	20.0	7/27/2006	0.222	--	--	<0.00200	<0.0020	<0.00200	<0.0050	<0.0500	0.112	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200

Notes and Abbreviations:

TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B for 2004 and 2005 samples; 1993 method unknown.

Benzene, toluene, ethylbenzene, and xylenes analyzed by EPA Method 8260B for 2004 and 2005 samples; 1993 method unknown.

TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B.

MTBE = Methyl tertiary-butyl ether. Analyzed by EPA Method 8260B and 8260B C6-12. Highest concentration reported.

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

ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B.

TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B.

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

EDB = 1,2,0Dibromoethane by EPA Method 8260B

mg/kg = milligrams/kilogram

fbg = Feet below grade

<n = Not detected at reporting limit n

-- = Not analyzed

a - Quantity of unknown hydrocarbon(s) in sample based on gasoline

Table 2. Historical Grab Groundwater Analytical Data - Shell-branded Service Station, 506-510 International Blvd (510 E. 14th Street), Oakland, CA

Sample ID	Date	Depth (fbg)	TPHg	Benzene	Toluene	Ethyl- benzene	Total Xylenes	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB
			← (parts per billion) →											
SB-1-W1	10/19/2005	20-25	<50	<0.50	<0.50	<0.50	<1.0	<5.0	19	<2.0	<2.0	<2.0	--	--
SB-2-W	10/18/2005	20-25	<50	<0.50	<0.50	<0.50	<1.0	<5.0	1.6	<2.0	<2.0	<2.0	--	--
SB-3-W1	10/19/2005	20-25	560	3.0	<0.50	22	18	<5.0	6.3	<2.0	<2.0	<2.0	--	--
SB-4-W	10/18/2005	15-20	<50	<0.50	<0.50	<0.50	<1.0	270	70	<2.0	<2.0	<2.0	--	--
SB-5-W	10/18/2005	15-20	250	<2.5	<2.5	<2.5	<5.0	3,200	5.9	<10	<10	<10	--	--
SB-6-W	10/18/2005	20-25	270	<2.5	<2.5	<2.5	<5.0	<25	820	<10	<10	<10	--	--
SB-6-W2	10/18/2005	25-27	1,200	<5.0	<5.0	15	29	<50	1,400	<20	<20	<20	--	--
SB-7-W1	10/19/2005	20-25	3,800	24	140	110	1,000	<20	2.7	<8.0	<8.0	<8.0	--	--
*MW-1W	7/28/2006	4.3	145	<0.500	<0.500	<0.500	<0.500	<10	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
*MW-4W	7/28/2006	9.71	373	<0.500	<0.500	<0.500	<0.500	<10	1.49	<0.500	<0.500	<0.500	<0.500	<0.500

Notes and Abbreviations:

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

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

TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B.

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

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

ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B

TAME = Tertiary-amyl methyl ether, analyzed by EPA Method 8260B

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

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

fbg = Feet below grade

<n = Not detected at reporting limit n

* These samples were collected from boreholes that were 10 ft deep and left open over night, and appear to be water perched on silts and clays, the source of which was likely the watering of an adjacent planter.

Attachment A

Site History

October 5, 2006

Shell-branded Service Station
506-510 International Blvd. (510 E. 14th Street)
Oakland, California
SAP Code 135695
Incident No. 97601734
ACHCSA File No. RO0002853

SITE HISTORY

1990 Subsurface Investigation: On September 19, 1990, Weiss Associates (Weiss) of Emeryville, California submitted a letter to Shell presenting a scope of work for a subsurface investigation to determine if a 550-gallon underground waste oil storage tank was still present at the site. The proposed scope of the investigation included removing a concrete pad and probing the subsurface. Weiss states in the letter that Shell would be notified if the tank was present and that a scope of work for its removal would be submitted, if needed. Neither of these documents has been located. No other documents in Shell's or Cambria's files indicate whether the proposed investigation was conducted.

1993 Tank Excavation Sampling: On March 30, 1993, the 550-gallon underground waste oil storage tank was removed from the site. No holes or leaks were identified during the removal. Under the direction of an Alameda County Department of Environmental Health inspector, Weiss collected two soil samples from the excavation floor. The samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg), total petroleum hydrocarbons as diesel (TPHd), benzene, toluene, ethylbenzene, and xylenes (BTEX), and oil and grease. No analytes were detected at concentrations above the laboratory reporting limits in either sample. Details of the excavation sampling are included in Weiss' August 17, 1993 *Tank Excavation Sampling Report*. Weiss concluded that no hydrocarbons had been released from the waste oil tank and requested closure. An August 26, 1993 Alameda County Health Care Services Agency (ACHCSA) letter to Shell stated that no further site remediation was necessary at that time.

1998 Upgrade Site Inspection: On March 24, 1998, Cambria completed an inspection of the turbine sumps and tank pit areas at the site during a fuel-system upgrade that added secondary containment to the turbine sumps. No field indications of hydrocarbons, such as staining or odor, were observed during the site visit. Therefore, no sampling was performed at the site and no additional investigation of the turbine sump area was determined to be necessary. Cambria's April 9, 1998 *Upgrade Site Inspection Report* presents investigation details.

2004 Well Survey: In February 2004, at Shell's request, Cambria prepared a well receptor survey of the site vicinity. Cambria reviewed Department of Water Resources well data sheets and reviewed well information in the California Geotracker database. No potential receptor wells were identified within a ½-mile radius of the site.

2004 Upgrade Activities: Paradiso Mechanical, Inc. (Paradiso) of San Leandro, California upgraded fuel dispensers in late June through mid-July 2004. Paradiso upgraded under-dispenser containment at the dispensers and installed enhanced vapor-recovery equipment and improved sumps on the UST fuel fill ports. At City of Oakland Fire Services Agency's direction, Cambria collected soil samples on July 22, 2004. Laboratory analysis of the samples indicated the presence of hydrocarbons in soils in and around the dispenser locations. As a result, Shell filed an Underground Storage Tank Unauthorized Release Report Form with the City of Oakland Fire Department's Office of Emergency Services on July 29, 2004. Cambria's October 4, 2004 *Dispenser and Piping Upgrade Sampling Report* includes details of the upgrade sampling.

2005 Subsurface Investigation: On October 18 and 19, 2005, Cambria advanced soil borings SB-1 through SB-7 and collected depth-discrete soil and groundwater samples. With the exception of the 120 milligrams per kilogram (mg/kg) TPHg detection in soil sample SB-6-5.0, all analytes detected in soil samples were below (SFBRWQCB) environmental screening levels (ESLs) for sites at which groundwater is not a current or potential source of drinking water. Petroleum hydrocarbons and fuel oxygenates were also detected in groundwater samples collected from the borings at depths ranging from 15 to 27 feet below grade (fbg). The maximum TPHg, methyl tertiary-butyl ether (MTBE), and tertiary-butyl alcohol (TBA) concentrations were 3,800 micrograms per liter (µg/l) in SB-7, 1,400 µg/l in SB-6, and 3,200 µg/l in SB-5, respectively. Cambria's December 19, 2005 *Subsurface Investigation Report* presents investigation details and recommends the installation of groundwater monitoring wells at the site.

2006 Well Survey Report: An Environmental Data Resources (EDR) Report was obtained in February 2006 to further identify any potential receptor wells within a 1-mile radius of the site. No potential receptor wells were identified within the study area. A background study of the historical land uses of the site and properties in the vicinity was also performed. A review of available Sanborn Maps between 1903 and 1969 indicates the same structure on the site during the entire time interval. This structure shows expansion in the 1953 map and is marked as 'UNDERTKR' from this point forward. Adjacent properties appear to be used for both commercial and residential purposes. A review of available historical topographic maps between 1915 and 1980 did not indicate significant changes in topography during this interval. A review of historical aerial photographs did not indicate significant changes in the vicinity of the subject site for all the years of available photographs, including 1939, 1946, 1958, 1965, 1982, 1993, and 1998. However, the scale and resolution of available aerial photographs did not reveal significant detail to determine small changes on the subject site. This information is all presented in Cambria's March 16, 2006 *Well Installation Work Plan and Well Survey Report*.

Attachment B

Permit

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 05/25/2006 By jamesy
Permits Issued: W2006-0509 to W2006-0514

Receipt Number: WR2006-0254
Permits Valid from 06/20/2006 to 06/23/2006

Application Id: 1148485785377
Site Location: 506 International Blvd. Oakland, CA 94606

City of Project Site:Oakland

Project Start Date: (506 E. 14th St.)
06/20/2006

Completion Date:06/23/2006

Applicant: Cambria Environmental - Bill DeBoer
5900 Hollis St #A, Emeryville, CA 94608

Phone: 510-420-3369

Property Owner: Shell Oil Products US
20945 S. Wilmington Ave., Carson, CA 90818
Client: ** same as Property Owner **

Phone: --

	Total Due:	\$1800.00
	Total Amount Paid:	\$1800.00
Payer Name : Cambria	Paid By: CHECK	PAID IN FULL

Works Requesting Permits:

Well Construction-Monitoring-Monitoring - 6 Wells
Driller: Gregg Drilling - Lic #: 485156 - Method: auger

Work Total: \$1800.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2006-0509	05/25/2006	09/18/2006	MW-1	10.00 in.	4.00 in.	5.00 ft	40.00 ft
W2006-0510	05/25/2006	09/18/2006	MW-2	10.00 in.	4.00 in.	5.00 ft	40.00 ft
W2006-0511	05/25/2006	09/18/2006	MW-3	10.00 in.	4.00 in.	5.00 ft	40.00 ft
W2006-0512	05/25/2006	09/18/2006	MW-4	10.00 in.	4.00 in.	5.00 ft	40.00 ft
W2006-0513	05/25/2006	09/18/2006	MW-5	10.00 in.	4.00 in.	5.00 ft	40.00 ft
W2006-0514	05/25/2006	09/18/2006	MW-6	8.00 in.	2.00 in.	5.00 ft	40.00 ft

Specific Work Permit Conditions

1. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

2. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

3. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required

Alameda County Public Works Agency - Water Resources Well Permit

for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained.

4. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.
 5. Applicant shall contact George Bolton for an inspection time at 510-670-5594 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
 6. Wells shall have a Christy box or similar structure with a locking cap or cover. Well(s) shall be kept locked at all times. Well(s) that become damaged by traffic or construction shall be repaired in a timely manner or destroyed immediately (through permit process). No well(s) shall be left in a manner to act as a conduit at any time.
 7. Minimum surface seal thickness is two inches of cement grout placed by tremie
 8. Minimum seal depth for monitoring wells is 5 feet below ground surface(BGS) or the maximum depth practicable or 20 feet.
 9. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
-

Attachment C

Boring Logs

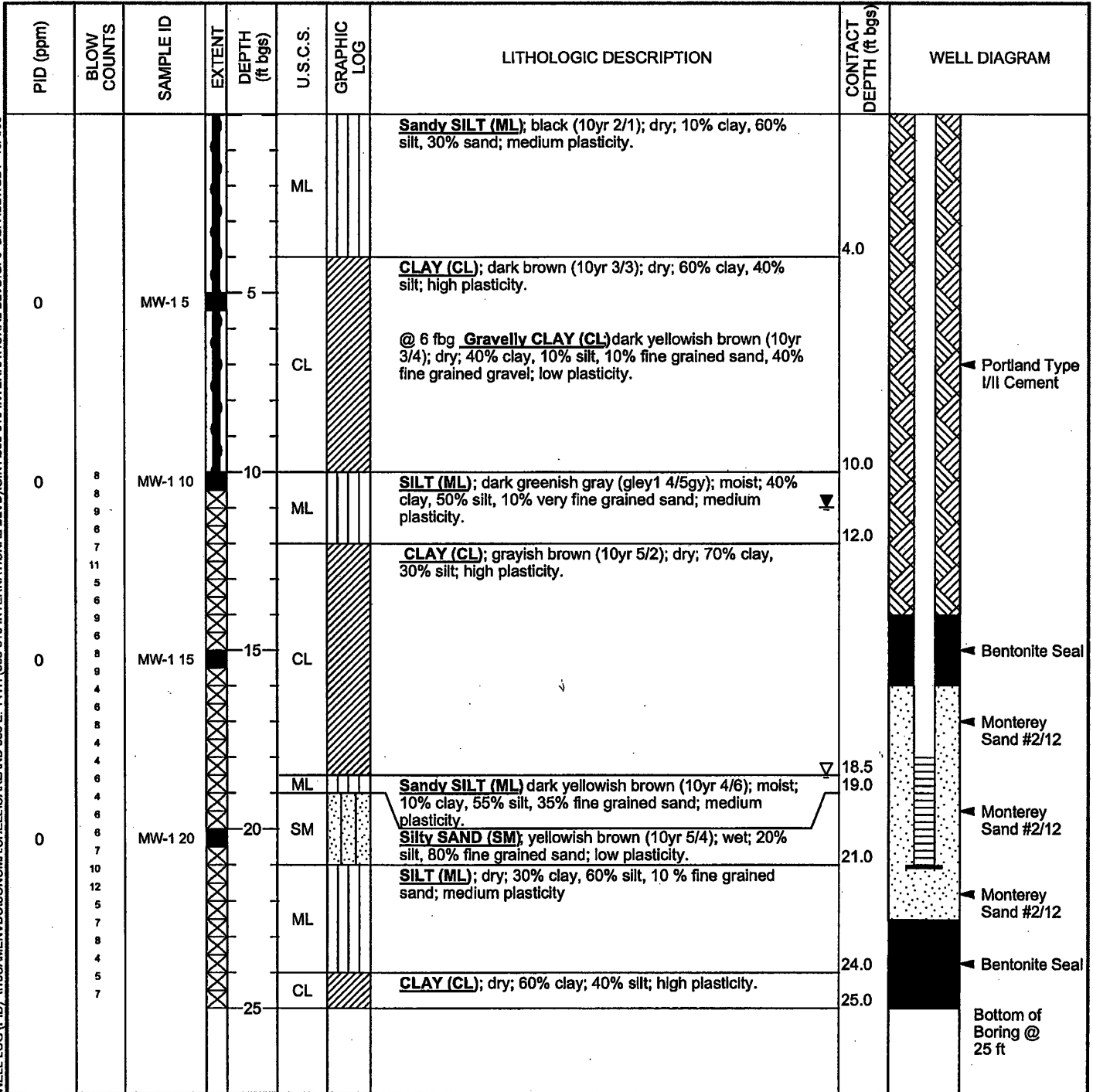


Cambria Environmental Technology, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	MW-1
JOB/SITE NAME	506-510 International Blvd	DRILLING STARTED	26-Jul-06
LOCATION	Oakland, CA	DRILLING COMPLETED	28-Jul-06
PROJECT NUMBER	248-0898-006	WELL DEVELOPMENT DATE (YIELD)	25-Aug-06 (64 gallons)
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	31.13 ft above msl
DRILLING METHOD	Hollow-stem auger	TOP OF CASING ELEVATION	30.85 ft above msl
BORING DIAMETER	10"	SCREENED INTERVAL	18 to 21 ft bgs
LOGGED BY	B. DeBoer	DEPTH TO WATER (First Encountered)	18.5 ft (28-Jul-06)
REVIEWED BY	A. Friel	DEPTH TO WATER (Static)	10.98 ft (29-Aug-06)
REMARKS	Hand Augered to 10 fbg		

WELL LOG (PID) \110CAMENVDC\SONOMA.SHELL\OAKLAND 506 E. 14TH (506-510 INTERNATIONAL BLVD)\GINT\506-510 INTERNATIONAL BLVD.GPJ DEFAULT.GDT 10/4/06





Cambria Environmental Technology, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	MW-2
JOB/SITE NAME	506-510 International Blvd	DRILLING STARTED	26-Jul-06
LOCATION	Oakland, CA	DRILLING COMPLETED	27-Jul-06
PROJECT NUMBER	248-0898-006	WELL DEVELOPMENT DATE (YIELD)	25-Aug-06 (93 gallons)
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	31.46 ft above msl
DRILLING METHOD	Hollow-stem auger	TOP OF CASING ELEVATION	30.96 ft above msl
BORING DIAMETER	10"	SCREENED INTERVAL	14 to 24 ft bgs
LOGGED BY	B. DeBoer	DEPTH TO WATER (First Encountered)	14.0 ft (27-Jul-06) ▽
REVIEWED BY	A. Friel	DEPTH TO WATER (Static)	9.91 ft (29-Aug-06) ▽
REMARKS	Hand Augered to 10 fbg		

WELL LOG (PID) \\DCAMEN\DC\SONOMA.SHELL\OAKLAND 506 E. 14TH (506-510 INTERNATIONAL BLVD)\GINT\506-510 INTERNATIONAL BLVD.GPJ_DEFAULT.GDT 10/4/06

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
0		MW-2 5'		0-5	ML		SILT (ML) ; dark yellowish brown (10yr 4/4); dry; 10% clay, 80% silt, 10% sand. @ 2 fbg Sandy SILT (ML) ; dark yellowish brown (10yr 4/4); dry; 70% silt, 30% sand; low plasticity.	4.0	Portland Type III Cement
				5	CL		CLAY (CL) ; dark greenish gray (gley1 4/5g); dry; 80% clay, 20% silt; high plasticity.	6.0	
0	4	MW-2 10'		10	ML		@ 10 fbg; 40% clay, 50% silt, 10% fine grained gravel; medium plasticity	13.0	Bentonite Seal
	6			10				13.5	
	7			10					Monterey Sand #2/12
	8			10					
	9			10					Monterey Sand #2/12
	10			10					
0	11	MW-2 15'		15	CH		@ 12.5 fbg SILT With Sand (ML) ; greenish gray (gley1 6/10gy); dry; 80% silt, 20% fine grained sand; low plasticity.	15.5	Monterey Sand #2/12
	13			15	SW		CLAY (CH) dry; 60% clay, 40% silt; high plasticity Well Graded SAND With Gravel (SW) Moist; 85% sand, 15% fine grained gravel.	17.0	
	14			15			@ 14 fbg; wet		Monterey Sand #2/12
	15			15	SM		Silty SAND With Gravel (SM) 15% silt, 70% sand, 15% gravel.	20.0	
	16			15			@ 16.5 fbg; Silty SAND (SM) ; wet; 10% clay, 30% silt, 50% sand, 10% gravel; low plasticity.		Monterey Sand #2/12
	17			15			Silt With SAND (ML) dark gray (10yr 4/1); moist; 15% clay, 60% silt, 25% fine grained sand; high plasticity.		
	18			15					Monterey Sand #2/12
	19			15					
	20			15					Monterey Sand #2/12
	21			15			Well Graded SAND With Silt (SW-SM) wet; 10% silt, 80% medium grained sand, 10% fine grained gravel.	25.0	
	22			15			@ 21 fbg; 10% silt, 90% fine grained sand.		Monterey Sand #2/12
	23			15			@ 22 fbg; 20% silt, 80% medium grained sand.		
	24			15					Bottom of Boring @ 25 ft
	25			15					



Cambria Environmental Technology, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	MW-3
JOB/SITE NAME	506-510 International Blvd	DRILLING STARTED	26-Jul-06
LOCATION	Oakland, CA	DRILLING COMPLETED	28-Jul-06
PROJECT NUMBER	248-0898-006	WELL DEVELOPMENT DATE (YIELD)	25-Aug-06 (114 gallons)
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	32.41 ft above msl
DRILLING METHOD	Hollow-stem auger	TOP OF CASING ELEVATION	32.02 ft above msl
BORING DIAMETER	10"	SCREENED INTERVAL	19 to 29 ft bgs
LOGGED BY	B. DeBoer	DEPTH TO WATER (First Encountered)	19.0 ft (28-Jul-06) ▽
REVIEWED BY	A. Friel	DEPTH TO WATER (Static)	10.00 ft (29-Aug-06) ▽
REMARKS	Hand Augered to 10 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
0		MW-3 5'	5	ML CL		SILT (ML) ; black (10yr 2/1); dry; 10% clay, 80% silt, 10% sand. @ 3 fbg; very dark gray (10yr 3/1); dry; 30% clay, 70% silt; medium plasticity. @ 4 fbg; very dark gray (10yr 3/1); moist; 70% slit, 30% fine grained sand; high plasticity. CLAY (CL) green mottling; brown (10yr 4/3); dry; 70% clay, 30% slit; high plasticity.	4.0	
0	6 7 8 9	MW-3 10'	10	ML CL		SILT (ML) ; dark yellowish brown (10yr 4/4); dry; 10% clay, 80% silt, 10% sand. CLAY (CL) ; odor; grayish green (gley1 4/5g); dry; 70% clay, 30% silt; high plasticity	8.0	
	6 7 8 9	MW-3 15'	15	ML CL		SILT (ML) ; grayish green (gley1 4/5g); dry; 40% clay, 60% silt; high plasticity. @ 13 fbg; yellowish brown (10yr 5/4); dry; 40% clay, 60% silt; high plasticity.	15.0	
	11 5 7 8 4 6 6 5 7 9	MW-3 20'	20	SM		CLAY (CL) ; dry; 70% clay, 30% silt; medium plasticity..	19.0	
	10 12 6 10 14 7 11 14 8 9		21	SM		Silty SAND (SM) ; wet; 20% silt, fine grained 80% sand; low plasticity.	21.0	
	16 10 14 7 11 16 11 17 6 8 11 13		22	SM		Well Graded Silty SAND (SM) 15% silt, 85% fine/coarse grained sand.	22.0	
			23	SW		Well Graded SAND (SW) 100% medium/coarse grained sand.	27.0	
			24	ML		SILT With Sand (ML) ; wet; 75% silt, 25% fine grained sand; medium plasticity.	30.0	
			25				Bottom of Boring @ 30 ft	

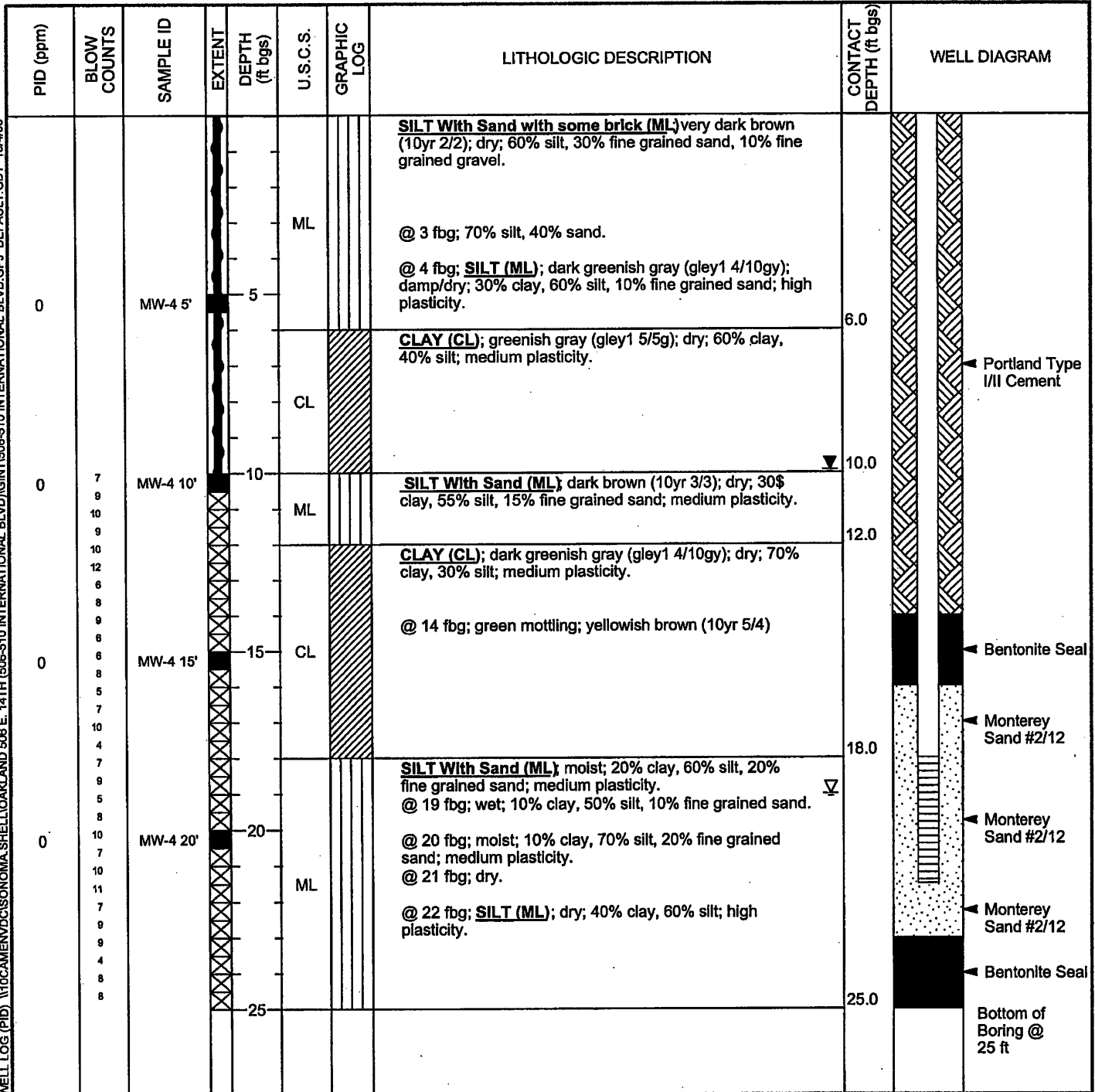
WELL LOG (PID) \\10CAMENVDC\NOMASHELL\OAKLAND 506 E. 14TH (506-510 INTERNATIONAL BLVD)\GINT\506-510 INTERNATIONAL BLVD.GPJ_DEFAULT.GDT 10/4/06



Cambria Environmental Technology, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	MW-4
JOB/SITE NAME	506-510 International Blvd	DRILLING STARTED	26-Jul-06
LOCATION	Oakland, CA	DRILLING COMPLETED	28-Jul-06
PROJECT NUMBER	248-0898-006	WELL DEVELOPMENT DATE (YIELD)	25-Aug-06 (39 gallons)
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	31.31 ft above msl
DRILLING METHOD	Hollow-stem auger	TOP OF CASING ELEVATION	31.10 ft above msl
BORING DIAMETER	10"	SCREENED INTERVAL	18 to 21.5 ft bgs
LOGGED BY	B. DeBoer	DEPTH TO WATER (First Encountered)	19.0 ft (28-Jul-06)
REVIEWED BY	A. Friel	DEPTH TO WATER (Static)	9.91 ft (29-Aug-06)
REMARKS	Hand Augered to 10 fbg		



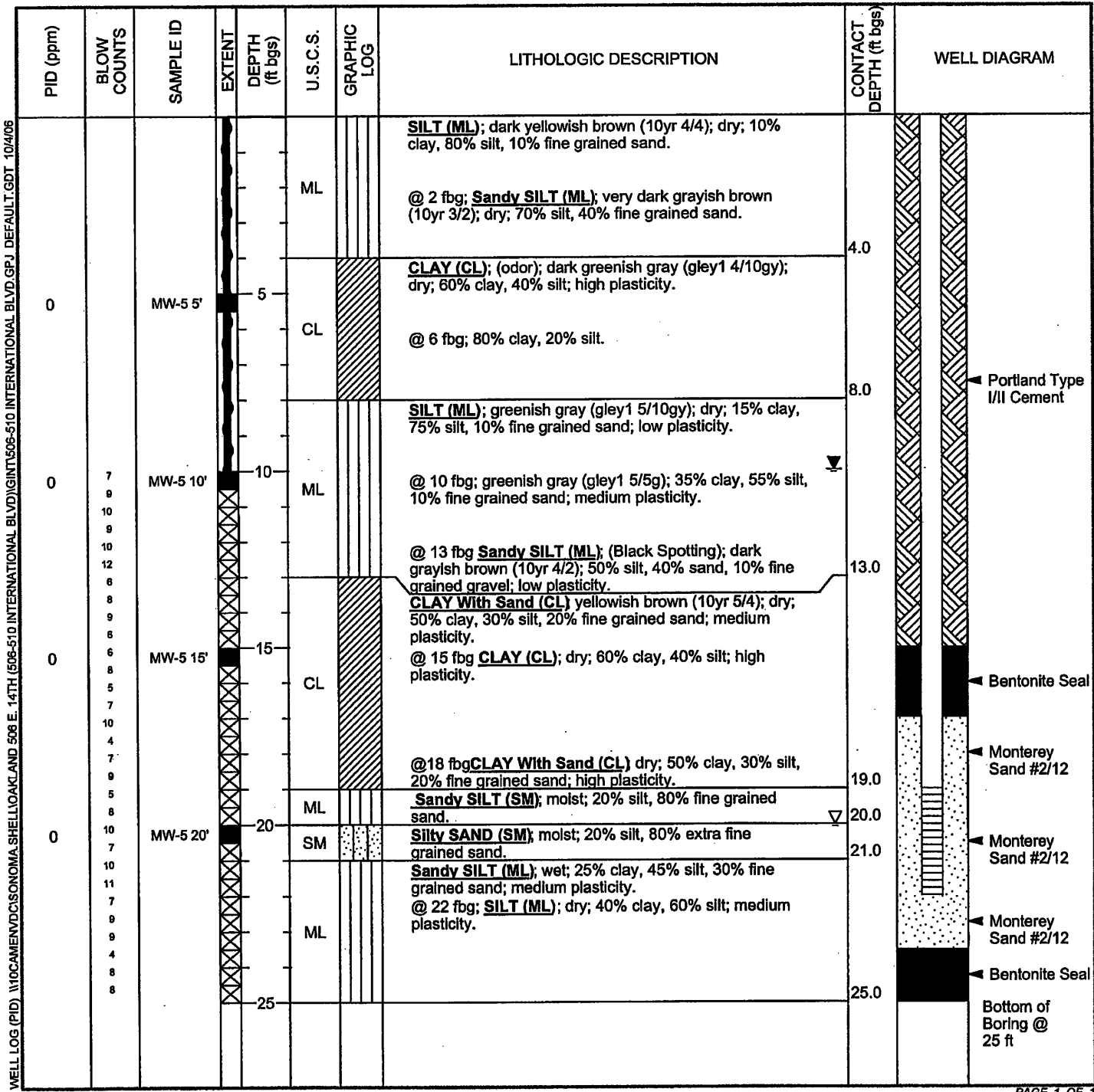
WELL LOG (PID) \\C:\CAMIEN\DC\SONOMA_SHELL\OAKLAND 506 E. 14TH (506-510 INTERNATIONAL BLVD)\GINT\506-510 INTERNATIONAL BLVD.GPJ_DEFAULT.GDT_10/4/06



Cambria Environmental Technology, Inc.
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	MW-5
JOB/SITE NAME	506-510 International Blvd	DRILLING STARTED	26-Jul-06
LOCATION	Oakland, CA	DRILLING COMPLETED	27-Jul-06
PROJECT NUMBER	248-0898-006	WELL DEVELOPMENT DATE (YIELD)	25-Aug-09 (39 gallons)
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	31.96 ft above msl
DRILLING METHOD	Hollow-stem auger	TOP OF CASING ELEVATION	31.61 ft above msl
BORING DIAMETER	10"	SCREENED INTERVAL	19 to 22 ft bgs
LOGGED BY	B. DeBoer	DEPTH TO WATER (First Encountered)	20.0 ft (27-Jul-06) ▽
REVIEWED BY	A. Friel	DEPTH TO WATER (Static)	9.98 ft (29-Aug-06) ▽
REMARKS	Hand Augered to 10 fbg		



WELL LOG (PID) \\COCAMEN\DC\SONOMA SHELL\OAKLAND 506 E. 14TH (506-510 INTERNATIONAL BLVD)\GINT\506-510 INTERNATIONAL BLVD.GPJ_DEFAULT.GDT 10/4/06

Attachment D
Disposal Laboratory Analytical Reports

August 15, 2006

Client: Cambria Env. Tech. (Emeryville) / SHELL (13675)
5900 Hollis Street, Suite A
Emeryville, CA 94608
Attn: Brenda Carter

Work Order: NPH0315
Project Name: 510 E. 14th Street, Oakland, CA
Project Nbr: SAP 135695
P/O Nbr: 97601734
Date Received: 08/01/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
SP-1A,B,C,D	NPH0315-01	07/28/06 16:00

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

California Certification Number: 01168CA

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:



Jim Hatfield
Project Management

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0315
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPH0315-01 (SP-1A,B,C,D - Soil) Sampled: 07/28/06 16:00								
Total Metals by EPA Method 6010B								
Lead	8.35		mg/kg	0.984	1	08/04/06 18:37	SW846 6010B	6080528
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	08/05/06 21:09	SW846 8260B	6075438
Ethylbenzene	ND		mg/kg	0.00200	1	08/05/06 21:09	SW846 8260B	6075438
Toluene	ND		mg/kg	0.00200	1	08/05/06 21:09	SW846 8260B	6075438
Xylenes, total	ND		mg/kg	0.00500	1	08/05/06 21:09	SW846 8260B	6075438
<i>Surr: 1,2-Dichloroethane-d4 (72-125%)</i>	<i>97 %</i>					<i>08/05/06 21:09</i>	<i>SW846 8260B</i>	<i>6075438</i>
<i>Surr: Dibromofluoromethane (73-124%)</i>	<i>98 %</i>					<i>08/05/06 21:09</i>	<i>SW846 8260B</i>	<i>6075438</i>
<i>Surr: Toluene-d8 (80-124%)</i>	<i>103 %</i>					<i>08/05/06 21:09</i>	<i>SW846 8260B</i>	<i>6075438</i>
<i>Surr: 4-Bromofluorobenzene (25-185%)</i>	<i>105 %</i>					<i>08/05/06 21:09</i>	<i>SW846 8260B</i>	<i>6075438</i>
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	4.97	50	08/10/06 15:07	SW846 8015B	6080263
<i>Surr: a,a,a-Trifluorotoluene (56-145%)</i>	<i>93 %</i>					<i>08/10/06 15:07</i>	<i>SW846 8015B</i>	<i>6080263</i>

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0315
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Purgeable Petroleum Hydrocarbons							
SW846 8015B	6080263	NPH0315-01	5.03	5.00	08/04/06 14:05	NKN	EPA 5035A (GC)
Selected Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	6075438	NPH0315-01	5.00	5.00	08/04/06 13:53	SNN	EPA 5035
Total Metals by EPA Method 6010B							
SW846 6010B	6080528	NPH0315-01	0.51	100.00	08/04/06 07:16	JMR	EPA 3051

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0315
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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Total Metals by EPA Method 6010B

6080528-BLK1

Lead	<0.487		mg/kg	6080528	6080528-BLK1	08/04/06 18:03
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Selected Volatile Organic Compounds by EPA Method 8260B

6075438-BLK1

Benzene	<0.000500		mg/kg	6075438	6075438-BLK1	08/05/06 12:05
Ethylbenzene	<0.000500		mg/kg	6075438	6075438-BLK1	08/05/06 12:05
Toluene	<0.000970		mg/kg	6075438	6075438-BLK1	08/05/06 12:05
Xylenes, total	<0.00148		mg/kg	6075438	6075438-BLK1	08/05/06 12:05
Surrogate: 1,2-Dichloroethane-d4	98%			6075438	6075438-BLK1	08/05/06 12:05
Surrogate: Dibromofluoromethane	97%			6075438	6075438-BLK1	08/05/06 12:05
Surrogate: Toluene-d8	103%			6075438	6075438-BLK1	08/05/06 12:05
Surrogate: 4-Bromofluorobenzene	108%			6075438	6075438-BLK1	08/05/06 12:05

Purgeable Petroleum Hydrocarbons

6080263-BLK1

GRO as Gasoline	0.0325		mg/kg	6080263	6080263-BLK1	08/10/06 14:00
Surrogate: a,a,a-Trifluorotoluene	92%			6080263	6080263-BLK1	08/10/06 14:00

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0315
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Total Metals by EPA Method 6010B								
6080528-BS1								
Lead	100	98.9		mg/kg	99%	80 - 120	6080528	08/04/06 18:07
Selected Volatile Organic Compounds by EPA Method 8260B								
6075438-BS1								
Benzene	50.0	53.5		ug/kg	107%	76 - 123	6075438	08/05/06 11:35
Ethylbenzene	50.0	50.6		ug/kg	101%	77 - 125	6075438	08/05/06 11:35
Toluene	50.0	50.0		ug/kg	100%	79 - 122	6075438	08/05/06 11:35
Xylenes, total	150	153		ug/kg	102%	76 - 126	6075438	08/05/06 11:35
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	49.4			99%	72 - 125	6075438	08/05/06 11:35
<i>Surrogate: Dibromofluoromethane</i>	50.0	48.9			98%	73 - 124	6075438	08/05/06 11:35
<i>Surrogate: Toluene-d8</i>	50.0	51.3			103%	80 - 124	6075438	08/05/06 11:35
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	52.1			104%	25 - 185	6075438	08/05/06 11:35
Purgeable Petroleum Hydrocarbons								
6080263-BS1								
GRO as Gasoline	10000	8560		ug/L	86%	73 - 127	6080263	08/11/06 02:51
<i>Surrogate: a,a,a-Trifluorotoluene</i>	30.0	35.5			118%	56 - 145	6080263	08/11/06 02:51

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0315
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
6080528-BSD1												
Lead		98.0		mg/kg	100	98%	80 - 120	0.9	20	6080528		08/04/06 18:29

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0315
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Total Metals by EPA Method 6010B										
6080528-MS1										
Lead	6.95	91.6		mg/kg	98.4	86%	75 - 125	6080528	NPH0505-02	08/04/06 20:06
Selected Volatile Organic Compounds by EPA Method 8260B										
6075438-MS1										
Benzene	ND	61.4		ug/kg	50.0	123%	48 - 138	6075438	NPG3814-05	08/05/06 22:10
Ethylbenzene	ND	57.6		ug/kg	50.0	115%	19 - 146	6075438	NPG3814-05	08/05/06 22:10
Toluene	ND	57.7		ug/kg	50.0	115%	40 - 143	6075438	NPG3814-05	08/05/06 22:10
Xylenes, total	ND	173		ug/kg	150	115%	19 - 143	6075438	NPG3814-05	08/05/06 22:10
<i>Surrogate: 1,2-Dichloroethane-d4</i>		48.1		ug/kg	50.0	96%	72 - 125	6075438	NPG3814-05	08/05/06 22:10
<i>Surrogate: Dibromofluoromethane</i>		48.2		ug/kg	50.0	96%	73 - 124	6075438	NPG3814-05	08/05/06 22:10
<i>Surrogate: Toluene-d8</i>		51.1		ug/kg	50.0	102%	80 - 124	6075438	NPG3814-05	08/05/06 22:10
<i>Surrogate: 4-Bromofluorobenzene</i>		52.7		ug/kg	50.0	105%	25 - 185	6075438	NPG3814-05	08/05/06 22:10
Purgeable Petroleum Hydrocarbons										
6080263-MS1										
GRO as Gasoline	28.9	453		mg/kg	500	85%	27 - 164	6080263	NPH0132-12	08/11/06 01:44
<i>Surrogate: a,a,a-Trifluorotoluene</i>		36.8		ug/L	30.0	123%	56 - 145	6080263	NPH0132-12	08/11/06 01:44

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0315
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
6080528-MSD1												
Lead	6.95	91.5		mg/kg	98.8	86%	75 - 125	0.1	20	6080528	NPH0505-02	08/04/06 20:27
Selected Volatile Organic Compounds by EPA Method 8260B												
6075438-MSD1												
Benzene	ND	51.9		ug/kg	50.0	104%	48 - 138	17	34	6075438	NPG3814-05	08/05/06 22:40
Ethylbenzene	ND	48.6		ug/kg	50.0	97%	19 - 146	17	44	6075438	NPG3814-05	08/05/06 22:40
Toluene	ND	49.2		ug/kg	50.0	98%	40 - 143	16	41	6075438	NPG3814-05	08/05/06 22:40
Xylenes, total	ND	147		ug/kg	150	98%	19 - 143	16	44	6075438	NPG3814-05	08/05/06 22:40
Surrogate: 1,2-Dichloroethane-d4		46.8		ug/kg	50.0	94%	72 - 125			6075438	NPG3814-05	08/05/06 22:40
Surrogate: Dibromofluoromethane		48.7		ug/kg	50.0	97%	73 - 124			6075438	NPG3814-05	08/05/06 22:40
Surrogate: Toluene-d8		52.0		ug/kg	50.0	104%	80 - 124			6075438	NPG3814-05	08/05/06 22:40
Surrogate: 4-Bromofluorobenzene		52.7		ug/kg	50.0	105%	25 - 185			6075438	NPG3814-05	08/05/06 22:40
Purgeable Petroleum Hydrocarbons												
6080263-MSD1												
GRO as Gasoline	28.9	493		mg/kg	500	93%	27 - 164	8	40	6080263	NPH0132-12	08/11/06 02:17
Surrogate: a,a,a-Trifluorotoluene		33.6		ug/L	30.0	112%	56 - 145			6080263	NPH0132-12	08/11/06 02:17

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0315
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California
NA	Soil			
SW846 6010B	Soil	N/A	X	X
SW846 8015B	Soil	N/A	X	X
SW846 8260B	Soil	N/A	X	X

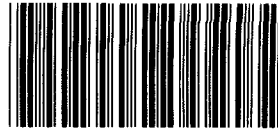
Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
5900 Hollis Street, Suite A
Emeryville, CA 94608
Attn Brenda Carter

Work Order: NPH0315
Project Name: 510 E. 14th Street, Oakland, CA
Project Number: SAP 135695
Received: 08/01/06 07:50

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

<u>Method</u>	<u>Matrix</u>	<u>Analyte</u>
---------------	---------------	----------------



Nashville Division
COOLER RECEIPT FORM

BC#

NPH0315

Cooler Received/Opened On: 8/1/06@7:50

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 1014

Fed-EX

Temperature of representative sample or temperature blank when opened: 3.0 Degrees Celsius
(indicate IR Gun ID#)

101282

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: 2 Front

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial).....

6. Were custody seals on containers: YES NO and Intact YES NO NA
were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert
Plastic bag Paper Other _____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial).....

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial).....

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial).....

I certify that I attached a label with the unique LIMS number to each container (initial).....

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # _____

LAB:

- TA - Irvine, California
- TA - Morgan Hill, California
- TA - Sacramento, California
- TA - Nashville, Tennessee
- Calscience
- Other _____



SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Dennis Baertschi

ENVIRONMENTAL SERVICES: CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

NETWORK DEV / FE BILL CONSULTANT

COMPLIANCE RMT/CRMT

INCIDENT # (ES ONLY): 97601734

DATE: 7/28/04

PAGE: 1 of 1

SAMPLING COMPANY: **Cambria Environmental Technology, Inc.** LOG CODE: **CETO**

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

PROJECT CONTACT (Hardcopy or PDF Report to): **Dennis Baertschi**

TELEPHONE: **707.268.3813** FAX: **707.268.8180** E-MAIL: **dbaertschi@cambria-env.com**

SITE ADDRESS: Street and City: **506-510 International Blvd. (510 E. 14th Street)** State: **CA** GLOBAL ID NO.: **T6606112421**

EDF DELIVERABLE TO (Name, Company, Office Location): **Brenda Carter, Cambria, Emeryville** PHONE NO.: **510-420-3343** E-MAIL: **shell.em.edf@cambria-env.com** CONSULTANT PROJECT NO.: **248-6898-006**

SAMPLER NAME(S) (Print): **B. De Boer**

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):

STD 5 DAY 3 DAY 2 DAY 24 HOURS

RESULTS NEEDED ON WEEKEND

LA - RWQCB REPORT FORMAT UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

EDD NOT NEEDED

SHELL CONTRACT RATE APPLIES

STATE REIMB RATE APPLIES

RECEIPT VERIFICATION REQUESTED

CC RESULTS TO ACCOOL@CAMBRIA-ENV.COM

REQUESTED ANALYSIS												FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes															
TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)		Methanol (8015M)	VOCs by 8260B	Semi-Volatiles by 8270C	Lead	Total	STLC	TCLP	LUFT5	Total	STLC	TCLP	CAM17	Total	STLC	TCLP
NPH0315													TEMPERATURE ON RECEIPT C°														
08/15/06 23:59																											
NPH0315-01																											
02																											
X																											

LAB USE ONLY	Field Sample Identification				SAMPLING		MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	VOCs by 8260B	Semi-Volatiles by 8270C	Lead	Total	STLC	TCLP	LUFT5	Total	STLC	TCLP	CAM17	Total	STLC	TCLP	Test for Disposal (see attached)	TEMPERATURE ON RECEIPT C°		
	DATE	TIME																																					
	SP-1A	7/28	1600	Soil	1																																		
	SP-1B	↓	↓	↓	↓																																		
	SP-1C	↓	↓	↓	↓																																		
	SP-1D	↓	↓	↓	↓																																		

Relinquished by: (Signature) <i>Walter DB</i>	Received by: (Signature) <i>Secure Location</i>	Date: <u>7/28/06</u>	Time: <u>1800</u>
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: <u>7-31-06</u>	Time: <u>1125</u>
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date:	Time:

July 7/31/06 *July 14:30 WY 8/1/06 7:50*

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

RESIDUAL MANAGEMENT PROCEDURE

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

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

CALIFORNIA - TRANSPORTATION AND RETAIL

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

CAM METALS = TTLC METALS - **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**

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

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

LABORATORY INSTRUCTIONS (MINIMUM GUIDELINES ONLY)

-ALTERNATE APPROVED TEST METHODS PER SW846 ARE ALSO ACCEPTABLE

-ALL REQUIRED TESTS ON COMPOSITE (**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 E

Blaine Groundwater Monitoring and Development Report

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

September 22, 2006

Denis Brown
Shell Oil Products US
20945 South Wilmington Avenue
Carson, CA 90810

Third Quarter 2006 Groundwater Monitoring at
Shell-branded Service Station
510 E. 14th Street
Oakland, CA

Monitoring performed on August 24 and 29, 2006

Groundwater Monitoring Report **060829-DR-2**

This report covers the routine monitoring of groundwater wells at this former Shell facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight-hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Coordinator

MN/ks

attachments: Cumulative Table of WELL CONCENTRATIONS
Certified Analytical Report
Field Data Sheets

cc: Dennis Baertschi
Cambria Environmental Technology, Inc.
P.O. Box 259
Sonoma, CA 95476-0259

WELL CONCENTRATIONS
Shell Service Station
510 E. 14th Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	08/24/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.85	10.98	19.87
MW-1	08/29/2006	242	<0.500	<0.500	<0.500	<0.500	255	<0.500	<0.500	<0.500	54.1	<0.500	<0.500	30.85	10.98	19.87
MW-2	08/24/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.96	9.91	21.05
MW-2	08/29/2006	2,130	1.18	0.660	1.67	0.960	206	<0.500	<0.500	<0.500	55.5	<0.500	<0.500	30.96	9.91	21.05
MW-3	08/24/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.02	10.00	22.02
MW-3	08/29/2006	<50.0	<0.500	<0.500	<0.500	<0.500	28.8	<0.500	<0.500	<0.500	11.9	<0.500	<0.500	32.02	10.00	22.02
MW-4	08/24/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.10	9.91	21.19
MW-4	08/29/2006	375	<0.500	<0.500	3.10	0.660	6.53	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	31.10	9.91	21.19
MW-5	08/24/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.61	9.98	21.63
MW-5	08/29/2006	1,260	<0.500	<0.500	<0.500	<0.500	829	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	31.61	9.98	21.63

WELL CONCENTRATIONS
Shell Service Station
510 E. 14th Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
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Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8260B.

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

MTBE = Methyl tertiary butyl ether

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

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

TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B

TBA = Tertiary butyl alcohol or tertiary butanol, analyzed by EPA Method 8260B

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

EDB = Ethylene Dibromide, analyzed by EPA Method 8260B

TOC = Top of Casing Elevation

GW = Groundwater

ug/L = Parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

NA = Not applicable

Notes:

Site surveyed September 7, 2006 by Virgil Chavez of Vallejo, CA.

September 18, 2006

Client: Cambria Env. Tech. (Sonoma) / SHELL (13674)
270 Perkins Street
Sonoma, CA 95476
Attn: Dennis Baertschi

Work Order: NPI0165
Project Name: 510 E. 14th Street, Oakland, CA
Project Nbr: SAP 135695
P/O Nbr: 97601734
Date Received: 09/01/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1	NPI0165-01	08/29/06 11:05
MW-2	NPI0165-02	08/29/06 09:51
MW-3	NPI0165-03	08/29/06 10:40
MW-4	NPI0165-04	08/29/06 11:40
MW-5	NPI0165-05	08/29/06 10:50

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

California Certification Number: 01168CA

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:



Jim Hatfield
Project Management

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)
 270 Perkins Street
 Sonoma, CA 95476
 Attn Dennis Baertschi

Work Order: NPI0165
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 09/01/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPI0165-01 (MW-1 - Water) Sampled: 08/29/06 11:05								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/09/06 11:12	SW846 8260B	6091324
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	09/09/06 11:12	SW846 8260B	6091324
Benzene	ND		ug/L	0.500	1	09/09/06 11:12	SW846 8260B	6091324
1,2-Dichloroethane	ND		ug/L	0.500	1	09/09/06 11:12	SW846 8260B	6091324
Ethylbenzene	ND		ug/L	0.500	1	09/09/06 11:12	SW846 8260B	6091324
Toluene	ND		ug/L	0.500	1	09/09/06 11:12	SW846 8260B	6091324
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/09/06 11:12	SW846 8260B	6091324
Diisopropyl Ether	ND		ug/L	0.500	1	09/09/06 11:12	SW846 8260B	6091324
Methyl tert-Butyl Ether	255		ug/L	5.000	10	09/09/06 23:04	SW846 8260B	6091425
Xylenes, total	ND		ug/L	0.500	1	09/09/06 11:12	SW846 8260B	6091324
Tertiary Butyl Alcohol	54.1		ug/L	10.0	1	09/09/06 11:12	SW846 8260B	6091324
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>95 %</i>					<i>09/09/06 11:12</i>	<i>SW846 8260B</i>	<i>6091324</i>
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>93 %</i>					<i>09/09/06 23:04</i>	<i>SW846 8260B</i>	<i>6091425</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>96 %</i>					<i>09/09/06 11:12</i>	<i>SW846 8260B</i>	<i>6091324</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>95 %</i>					<i>09/09/06 23:04</i>	<i>SW846 8260B</i>	<i>6091425</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>98 %</i>					<i>09/09/06 11:12</i>	<i>SW846 8260B</i>	<i>6091324</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>95 %</i>					<i>09/09/06 23:04</i>	<i>SW846 8260B</i>	<i>6091425</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>108 %</i>					<i>09/09/06 11:12</i>	<i>SW846 8260B</i>	<i>6091324</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>110 %</i>					<i>09/09/06 23:04</i>	<i>SW846 8260B</i>	<i>6091425</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	242		ug/L	50.0	1	09/09/06 11:12	CA LUFT GC/MS	6091324
Sample ID: NPI0165-02 (MW-2 - Water) Sampled: 08/29/06 09:51								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/09/06 11:37	SW846 8260B	6091324
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	09/09/06 11:37	SW846 8260B	6091324
Benzene	1.18		ug/L	0.500	1	09/09/06 11:37	SW846 8260B	6091324
1,2-Dichloroethane	ND		ug/L	0.500	1	09/09/06 11:37	SW846 8260B	6091324
Ethylbenzene	1.67		ug/L	0.500	1	09/09/06 11:37	SW846 8260B	6091324
Toluene	0.660		ug/L	0.500	1	09/09/06 11:37	SW846 8260B	6091324
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/09/06 11:37	SW846 8260B	6091324
Diisopropyl Ether	ND		ug/L	0.500	1	09/09/06 11:37	SW846 8260B	6091324
Methyl tert-Butyl Ether	206		ug/L	0.500	1	09/09/06 11:37	SW846 8260B	6091324
Xylenes, total	0.960		ug/L	0.500	1	09/09/06 11:37	SW846 8260B	6091324
Tertiary Butyl Alcohol	55.5		ug/L	10.0	1	09/09/06 11:37	SW846 8260B	6091324
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>102 %</i>					<i>09/09/06 11:37</i>	<i>SW846 8260B</i>	<i>6091324</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>94 %</i>					<i>09/09/06 11:37</i>	<i>SW846 8260B</i>	<i>6091324</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>98 %</i>					<i>09/09/06 11:37</i>	<i>SW846 8260B</i>	<i>6091324</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>106 %</i>					<i>09/09/06 11:37</i>	<i>SW846 8260B</i>	<i>6091324</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	2130		ug/L	50.0	1	09/09/06 11:37	CA LUFT GC/MS	6091324

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)
 270 Perkins Street
 Sonoma, CA 95476
 Attn Dennis Baertschi

Work Order: NPI0165
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 09/01/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPI0165-03 (MW-3 - Water) Sampled: 08/29/06 10:40								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/09/06 12:01	SW846 8260B	6091324
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	09/09/06 12:01	SW846 8260B	6091324
Benzene	ND		ug/L	0.500	1	09/09/06 12:01	SW846 8260B	6091324
1,2-Dichloroethane	ND		ug/L	0.500	1	09/09/06 12:01	SW846 8260B	6091324
Ethylbenzene	ND		ug/L	0.500	1	09/09/06 12:01	SW846 8260B	6091324
Toluene	ND		ug/L	0.500	1	09/09/06 12:01	SW846 8260B	6091324
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/09/06 12:01	SW846 8260B	6091324
Diisopropyl Ether	ND		ug/L	0.500	1	09/09/06 12:01	SW846 8260B	6091324
Methyl tert-Butyl Ether	28.8		ug/L	0.500	1	09/09/06 12:01	SW846 8260B	6091324
Xylenes, total	ND		ug/L	0.500	1	09/09/06 12:01	SW846 8260B	6091324
Tertiary Butyl Alcohol	11.9		ug/L	10.0	1	09/09/06 12:01	SW846 8260B	6091324
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>96 %</i>					<i>09/09/06 12:01</i>	<i>SW846 8260B</i>	<i>6091324</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>96 %</i>					<i>09/09/06 12:01</i>	<i>SW846 8260B</i>	<i>6091324</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>98 %</i>					<i>09/09/06 12:01</i>	<i>SW846 8260B</i>	<i>6091324</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>108 %</i>					<i>09/09/06 12:01</i>	<i>SW846 8260B</i>	<i>6091324</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	09/09/06 12:01	CA LUFT GC/MS	6091324
Sample ID: NPI0165-04 (MW-4 - Water) Sampled: 08/29/06 11:40								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/09/06 12:25	SW846 8260B	6091324
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	09/09/06 12:25	SW846 8260B	6091324
Benzene	ND		ug/L	0.500	1	09/09/06 12:25	SW846 8260B	6091324
1,2-Dichloroethane	ND		ug/L	0.500	1	09/09/06 12:25	SW846 8260B	6091324
Ethylbenzene	3.10		ug/L	0.500	1	09/09/06 12:25	SW846 8260B	6091324
Toluene	ND		ug/L	0.500	1	09/09/06 12:25	SW846 8260B	6091324
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/09/06 12:25	SW846 8260B	6091324
Diisopropyl Ether	ND		ug/L	0.500	1	09/09/06 12:25	SW846 8260B	6091324
Methyl tert-Butyl Ether	6.53		ug/L	0.500	1	09/09/06 12:25	SW846 8260B	6091324
Xylenes, total	0.660		ug/L	0.500	1	09/09/06 12:25	SW846 8260B	6091324
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	09/09/06 12:25	SW846 8260B	6091324
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>97 %</i>					<i>09/09/06 12:25</i>	<i>SW846 8260B</i>	<i>6091324</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>96 %</i>					<i>09/09/06 12:25</i>	<i>SW846 8260B</i>	<i>6091324</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>96 %</i>					<i>09/09/06 12:25</i>	<i>SW846 8260B</i>	<i>6091324</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>110 %</i>					<i>09/09/06 12:25</i>	<i>SW846 8260B</i>	<i>6091324</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	375		ug/L	50.0	1	09/09/06 12:25	CA LUFT GC/MS	6091324

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)
 270 Perkins Street
 Sonoma, CA 95476
 Attn Dennis Baertschi

Work Order: NPI0165
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 09/01/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPI0165-05 (MW-5 - Water) Sampled: 08/29/06 10:50								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/09/06 12:49	SW846 8260B	6091324
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	09/09/06 12:49	SW846 8260B	6091324
Benzene	ND		ug/L	0.500	1	09/09/06 12:49	SW846 8260B	6091324
1,2-Dichloroethane	ND		ug/L	0.500	1	09/09/06 12:49	SW846 8260B	6091324
Ethylbenzene	ND		ug/L	0.500	1	09/09/06 12:49	SW846 8260B	6091324
Toluene	ND		ug/L	0.500	1	09/09/06 12:49	SW846 8260B	6091324
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/09/06 12:49	SW846 8260B	6091324
Diisopropyl Ether	ND		ug/L	0.500	1	09/09/06 12:49	SW846 8260B	6091324
Methyl tert-Butyl Ether	829		ug/L	5.000	10	09/12/06 20:34	SW846 8260B	6092057
Xylenes, total	ND		ug/L	0.500	1	09/09/06 12:49	SW846 8260B	6091324
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	09/09/06 12:49	SW846 8260B	6091324
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>98 %</i>					<i>09/09/06 12:49</i>	<i>SW846 8260B</i>	<i>6091324</i>
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>104 %</i>					<i>09/12/06 20:34</i>	<i>SW846 8260B</i>	<i>6092057</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>92 %</i>					<i>09/09/06 12:49</i>	<i>SW846 8260B</i>	<i>6091324</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>106 %</i>					<i>09/12/06 20:34</i>	<i>SW846 8260B</i>	<i>6092057</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>96 %</i>					<i>09/09/06 12:49</i>	<i>SW846 8260B</i>	<i>6091324</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>100 %</i>					<i>09/12/06 20:34</i>	<i>SW846 8260B</i>	<i>6092057</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>108 %</i>					<i>09/09/06 12:49</i>	<i>SW846 8260B</i>	<i>6091324</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>98 %</i>					<i>09/12/06 20:34</i>	<i>SW846 8260B</i>	<i>6092057</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	1260		ug/L	50.0	1	09/09/06 12:49	CA LUFT GC/MS	6091324

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)
 270 Perkins Street
 Sonoma, CA 95476
 Attn Dennis Baertschi

Work Order: NPI0165
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 09/01/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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Volatile Organic Compounds by EPA Method 8260B

6091324-BLK1

Tert-Amyl Methyl Ether	<0.200		ug/L	6091324	6091324-BLK1	09/09/06 08:22
1,2-Dibromoethane (EDB)	<0.250		ug/L	6091324	6091324-BLK1	09/09/06 08:22
Benzene	<0.200		ug/L	6091324	6091324-BLK1	09/09/06 08:22
1,2-Dichloroethane	<0.390		ug/L	6091324	6091324-BLK1	09/09/06 08:22
Ethylbenzene	<0.200		ug/L	6091324	6091324-BLK1	09/09/06 08:22
Toluene	<0.200		ug/L	6091324	6091324-BLK1	09/09/06 08:22
Ethyl tert-Butyl Ether	<0.200		ug/L	6091324	6091324-BLK1	09/09/06 08:22
Diisopropyl Ether	<0.200		ug/L	6091324	6091324-BLK1	09/09/06 08:22
Methyl tert-Butyl Ether	<0.200		ug/L	6091324	6091324-BLK1	09/09/06 08:22
Xylenes, total	<0.350		ug/L	6091324	6091324-BLK1	09/09/06 08:22
Tertiary Butyl Alcohol	<5.06		ug/L	6091324	6091324-BLK1	09/09/06 08:22
Surrogate: 1,2-Dichloroethane-d4	97%			6091324	6091324-BLK1	09/09/06 08:22
Surrogate: 1,2-Dichloroethane-d4	97%			6091324	6091324-BLK1	09/09/06 08:22
Surrogate: Dibromofluoromethane	93%			6091324	6091324-BLK1	09/09/06 08:22
Surrogate: Dibromofluoromethane	93%			6091324	6091324-BLK1	09/09/06 08:22
Surrogate: Toluene-d8	97%			6091324	6091324-BLK1	09/09/06 08:22
Surrogate: Toluene-d8	97%			6091324	6091324-BLK1	09/09/06 08:22
Surrogate: 4-Bromofluorobenzene	111%			6091324	6091324-BLK1	09/09/06 08:22
Surrogate: 4-Bromofluorobenzene	111%			6091324	6091324-BLK1	09/09/06 08:22

6091425-BLK1

Tert-Amyl Methyl Ether	<0.200		ug/L	6091425	6091425-BLK1	09/09/06 21:02
1,2-Dibromoethane (EDB)	<0.250		ug/L	6091425	6091425-BLK1	09/09/06 21:02
1,2-Dichloroethane	<0.390		ug/L	6091425	6091425-BLK1	09/09/06 21:02
Ethyl tert-Butyl Ether	<0.200		ug/L	6091425	6091425-BLK1	09/09/06 21:02
Diisopropyl Ether	<0.200		ug/L	6091425	6091425-BLK1	09/09/06 21:02
Methyl tert-Butyl Ether	<0.200		ug/L	6091425	6091425-BLK1	09/09/06 21:02
Tertiary Butyl Alcohol	<5.06		ug/L	6091425	6091425-BLK1	09/09/06 21:02
Surrogate: 1,2-Dichloroethane-d4	97%			6091425	6091425-BLK1	09/09/06 21:02
Surrogate: Dibromofluoromethane	95%			6091425	6091425-BLK1	09/09/06 21:02
Surrogate: Toluene-d8	93%			6091425	6091425-BLK1	09/09/06 21:02
Surrogate: 4-Bromofluorobenzene	109%			6091425	6091425-BLK1	09/09/06 21:02

6092057-BLK1

Tert-Amyl Methyl Ether	<0.200		ug/L	6092057	6092057-BLK1	09/12/06 19:45
1,2-Dibromoethane (EDB)	<0.250		ug/L	6092057	6092057-BLK1	09/12/06 19:45
1,2-Dichloroethane	<0.390		ug/L	6092057	6092057-BLK1	09/12/06 19:45
Ethyl tert-Butyl Ether	<0.200		ug/L	6092057	6092057-BLK1	09/12/06 19:45
Diisopropyl Ether	<0.200		ug/L	6092057	6092057-BLK1	09/12/06 19:45
Methyl tert-Butyl Ether	<0.200		ug/L	6092057	6092057-BLK1	09/12/06 19:45
Tertiary Butyl Alcohol	<5.06		ug/L	6092057	6092057-BLK1	09/12/06 19:45
Surrogate: 1,2-Dichloroethane-d4	104%			6092057	6092057-BLK1	09/12/06 19:45

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)
 270 Perkins Street
 Sonoma, CA 95476
 Attn Dennis Baertschi

Work Order: NPI0165
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 09/01/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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Volatile Organic Compounds by EPA Method 8260B

6092057-BLK1

Surrogate: Dibromofluoromethane	106%			6092057	6092057-BLK1	09/12/06 19:45
Surrogate: Toluene-d8	100%			6092057	6092057-BLK1	09/12/06 19:45
Surrogate: 4-Bromofluorobenzene	98%			6092057	6092057-BLK1	09/12/06 19:45

Purgeable Petroleum Hydrocarbons

6091324-BLK1

Gasoline Range Organics	<50.0		ug/L	6091324	6091324-BLK1	09/09/06 08:22
Surrogate: 1,2-Dichloroethane-d4	97%			6091324	6091324-BLK1	09/09/06 08:22
Surrogate: Dibromofluoromethane	93%			6091324	6091324-BLK1	09/09/06 08:22
Surrogate: Toluene-d8	97%			6091324	6091324-BLK1	09/09/06 08:22
Surrogate: 4-Bromofluorobenzene	111%			6091324	6091324-BLK1	09/09/06 08:22

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)
 270 Perkins Street
 Sonoma, CA 95476
 Attn Dennis Baertschi

Work Order: NPI0165
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 09/01/06 08:00

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6091324-BS1								
Tert-Amyl Methyl Ether	50.0	46.4		ug/L	93%	56 - 145	6091324	09/09/06 07:09
1,2-Dibromoethane (EDB)	50.0	48.2		ug/L	96%	75 - 128	6091324	09/09/06 07:09
Benzene	50.0	46.0		ug/L	92%	79 - 123	6091324	09/09/06 07:09
1,2-Dichloroethane	50.0	46.4		ug/L	93%	74 - 131	6091324	09/09/06 07:09
Ethylbenzene	50.0	51.4		ug/L	103%	79 - 125	6091324	09/09/06 07:09
Toluene	50.0	48.8		ug/L	98%	78 - 122	6091324	09/09/06 07:09
Ethyl tert-Butyl Ether	50.0	46.5		ug/L	93%	64 - 141	6091324	09/09/06 07:09
Diisopropyl Ether	50.0	44.5		ug/L	89%	73 - 135	6091324	09/09/06 07:09
Methyl tert-Butyl Ether	50.0	43.4		ug/L	87%	66 - 142	6091324	09/09/06 07:09
Xylenes, total	150	144		ug/L	96%	79 - 130	6091324	09/09/06 07:09
Tertiary Butyl Alcohol	500	391		ug/L	78%	42 - 154	6091324	09/09/06 07:09
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	47.9			96%	70 - 130	6091324	09/09/06 07:09
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	47.9			96%	70 - 130	6091324	09/09/06 07:09
<i>Surrogate: Dibromofluoromethane</i>	50.0	47.1			94%	79 - 122	6091324	09/09/06 07:09
<i>Surrogate: Dibromofluoromethane</i>	50.0	47.1			94%	79 - 122	6091324	09/09/06 07:09
<i>Surrogate: Toluene-d8</i>	50.0	47.8			96%	78 - 121	6091324	09/09/06 07:09
<i>Surrogate: Toluene-d8</i>	50.0	47.8			96%	78 - 121	6091324	09/09/06 07:09
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	55.0			110%	78 - 126	6091324	09/09/06 07:09
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	55.0			110%	78 - 126	6091324	09/09/06 07:09
6091425-BS1								
Tert-Amyl Methyl Ether	50.0	44.4		ug/L	89%	56 - 145	6091425	09/09/06 19:49
1,2-Dibromoethane (EDB)	50.0	43.2		ug/L	86%	75 - 128	6091425	09/09/06 19:49
1,2-Dichloroethane	50.0	44.8		ug/L	90%	74 - 131	6091425	09/09/06 19:49
Ethyl tert-Butyl Ether	50.0	46.9		ug/L	94%	64 - 141	6091425	09/09/06 19:49
Diisopropyl Ether	50.0	44.0		ug/L	88%	73 - 135	6091425	09/09/06 19:49
Methyl tert-Butyl Ether	50.0	42.0		ug/L	84%	66 - 142	6091425	09/09/06 19:49
Tertiary Butyl Alcohol	500	466		ug/L	93%	42 - 154	6091425	09/09/06 19:49
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	44.7			89%	70 - 130	6091425	09/09/06 19:49
<i>Surrogate: Dibromofluoromethane</i>	50.0	45.8			92%	79 - 122	6091425	09/09/06 19:49
<i>Surrogate: Toluene-d8</i>	50.0	48.0			96%	78 - 121	6091425	09/09/06 19:49
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	53.8			108%	78 - 126	6091425	09/09/06 19:49
6092057-BS1								
Tert-Amyl Methyl Ether	50.0	40.5		ug/L	81%	56 - 145	6092057	09/12/06 18:32
1,2-Dibromoethane (EDB)	50.0	46.7		ug/L	93%	75 - 128	6092057	09/12/06 18:32
1,2-Dichloroethane	50.0	48.7		ug/L	97%	74 - 131	6092057	09/12/06 18:32
Ethyl tert-Butyl Ether	50.0	38.6		ug/L	77%	64 - 141	6092057	09/12/06 18:32
Diisopropyl Ether	50.0	47.7		ug/L	95%	73 - 135	6092057	09/12/06 18:32
Methyl tert-Butyl Ether	50.0	41.1		ug/L	82%	66 - 142	6092057	09/12/06 18:32
Tertiary Butyl Alcohol	500	357		ug/L	71%	42 - 154	6092057	09/12/06 18:32
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	51.2			102%	70 - 130	6092057	09/12/06 18:32

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)
 270 Perkins Street
 Sonoma, CA 95476
 Attn Dennis Baertschi

Work Order: NPI0165
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 09/01/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6092057-BS1								
<i>Surrogate: Dibromofluoromethane</i>	50.0	53.1			106%	79 - 122	6092057	09/12/06 18:32
<i>Surrogate: Toluene-d8</i>	50.0	50.2			100%	78 - 121	6092057	09/12/06 18:32
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	48.8			98%	78 - 126	6092057	09/12/06 18:32
Purgeable Petroleum Hydrocarbons								
6091324-BS1								
Gasoline Range Organics	3050	3350		ug/L	110%	67 - 130	6091324	09/09/06 07:09
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	47.9			96%	70 - 130	6091324	09/09/06 07:09
<i>Surrogate: Dibromofluoromethane</i>	50.0	47.1			94%	70 - 130	6091324	09/09/06 07:09
<i>Surrogate: Toluene-d8</i>	50.0	47.8			96%	70 - 130	6091324	09/09/06 07:09
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	55.0			110%	70 - 130	6091324	09/09/06 07:09

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)
 270 Perkins Street
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Work Order: NPI0165
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 09/01/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6091324-MS1										
Tert-Amyl Methyl Ether	ND	50.7		ug/L	50.0	101%	45 - 155	6091324	NPI0161-01	09/09/06 13:38
1,2-Dibromoethane (EDB)	ND	50.0		ug/L	50.0	100%	71 - 138	6091324	NPI0161-01	09/09/06 13:38
Benzene	ND	52.0		ug/L	50.0	104%	71 - 137	6091324	NPI0161-01	09/09/06 13:38
1,2-Dichloroethane	ND	51.6		ug/L	50.0	103%	70 - 140	6091324	NPI0161-01	09/09/06 13:38
Ethylbenzene	ND	54.5		ug/L	50.0	109%	72 - 139	6091324	NPI0161-01	09/09/06 13:38
Toluene	ND	55.6		ug/L	50.0	111%	73 - 133	6091324	NPI0161-01	09/09/06 13:38
Ethyl tert-Butyl Ether	ND	53.4		ug/L	50.0	107%	57 - 148	6091324	NPI0161-01	09/09/06 13:38
Diisopropyl Ether	ND	49.9		ug/L	50.0	100%	67 - 143	6091324	NPI0161-01	09/09/06 13:38
Methyl tert-Butyl Ether	ND	48.4		ug/L	50.0	97%	55 - 152	6091324	NPI0161-01	09/09/06 13:38
Xylenes, total	ND	158		ug/L	150	105%	70 - 143	6091324	NPI0161-01	09/09/06 13:38
Tertiary Butyl Alcohol	ND	547		ug/L	500	109%	19 - 183	6091324	NPI0161-01	09/09/06 13:38
Surrogate: 1,2-Dichloroethane-d4		47.8		ug/L	50.0	96%	70 - 130	6091324	NPI0161-01	09/09/06 13:38
Surrogate: 1,2-Dichloroethane-d4		47.8		ug/L	50.0	96%	70 - 130	6091324	NPI0161-01	09/09/06 13:38
Surrogate: Dibromofluoromethane		46.5		ug/L	50.0	93%	79 - 122	6091324	NPI0161-01	09/09/06 13:38
Surrogate: Dibromofluoromethane		46.5		ug/L	50.0	93%	79 - 122	6091324	NPI0161-01	09/09/06 13:38
Surrogate: Toluene-d8		48.2		ug/L	50.0	96%	78 - 121	6091324	NPI0161-01	09/09/06 13:38
Surrogate: Toluene-d8		48.2		ug/L	50.0	96%	78 - 121	6091324	NPI0161-01	09/09/06 13:38
Surrogate: 4-Bromofluorobenzene		54.1		ug/L	50.0	108%	78 - 126	6091324	NPI0161-01	09/09/06 13:38
Surrogate: 4-Bromofluorobenzene		54.1		ug/L	50.0	108%	78 - 126	6091324	NPI0161-01	09/09/06 13:38

Purgeable Petroleum Hydrocarbons

6091324-MS1										
Gasoline Range Organics	ND	2940		ug/L	3050	96%	60 - 140	6091324	NPI0161-01	09/09/06 13:38
Surrogate: 1,2-Dichloroethane-d4		47.8		ug/L	50.0	96%	0 - 200	6091324	NPI0161-01	09/09/06 13:38
Surrogate: Dibromofluoromethane		46.5		ug/L	50.0	93%	0 - 200	6091324	NPI0161-01	09/09/06 13:38
Surrogate: Toluene-d8		48.2		ug/L	50.0	96%	0 - 200	6091324	NPI0161-01	09/09/06 13:38
Surrogate: 4-Bromofluorobenzene		54.1		ug/L	50.0	108%	0 - 200	6091324	NPI0161-01	09/09/06 13:38

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)
 270 Perkins Street
 Sonoma, CA 95476
 Attn Dennis Baertschi

Work Order: NPI0165
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 09/01/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6091324-MSD1												
Tert-Amyl Methyl Ether	ND	55.3		ug/L	50.0	111%	45 - 155	9	24	6091324	NPI0161-01	09/09/06 14:02
1,2-Dibromoethane (EDB)	ND	53.4		ug/L	50.0	107%	71 - 138	7	27	6091324	NPI0161-01	09/09/06 14:02
Benzene	ND	55.4		ug/L	50.0	111%	71 - 137	6	23	6091324	NPI0161-01	09/09/06 14:02
1,2-Dichloroethane	ND	56.6		ug/L	50.0	113%	70 - 140	9	21	6091324	NPI0161-01	09/09/06 14:02
Ethylbenzene	ND	57.9		ug/L	50.0	116%	72 - 139	6	23	6091324	NPI0161-01	09/09/06 14:02
Toluene	ND	59.1		ug/L	50.0	118%	73 - 133	6	25	6091324	NPI0161-01	09/09/06 14:02
Ethyl tert-Butyl Ether	ND	57.3		ug/L	50.0	115%	57 - 148	7	22	6091324	NPI0161-01	09/09/06 14:02
Diisopropyl Ether	ND	52.4		ug/L	50.0	105%	67 - 143	5	22	6091324	NPI0161-01	09/09/06 14:02
Methyl tert-Butyl Ether	ND	51.6		ug/L	50.0	103%	55 - 152	6	27	6091324	NPI0161-01	09/09/06 14:02
Xylenes, total	ND	166		ug/L	150	111%	70 - 143	5	27	6091324	NPI0161-01	09/09/06 14:02
Tertiary Butyl Alcohol	ND	662		ug/L	500	132%	19 - 183	19	39	6091324	NPI0161-01	09/09/06 14:02
Surrogate: 1,2-Dichloroethane-d4		47.2		ug/L	50.0	94%	70 - 130			6091324	NPI0161-01	09/09/06 14:02
Surrogate: 1,2-Dichloroethane-d4		47.2		ug/L	50.0	94%	70 - 130			6091324	NPI0161-01	09/09/06 14:02
Surrogate: Dibromofluoromethane		46.8		ug/L	50.0	94%	79 - 122			6091324	NPI0161-01	09/09/06 14:02
Surrogate: Dibromofluoromethane		46.8		ug/L	50.0	94%	79 - 122			6091324	NPI0161-01	09/09/06 14:02
Surrogate: Toluene-d8		49.0		ug/L	50.0	98%	78 - 121			6091324	NPI0161-01	09/09/06 14:02
Surrogate: Toluene-d8		49.0		ug/L	50.0	98%	78 - 121			6091324	NPI0161-01	09/09/06 14:02
Surrogate: 4-Bromofluorobenzene		52.9		ug/L	50.0	106%	78 - 126			6091324	NPI0161-01	09/09/06 14:02
Surrogate: 4-Bromofluorobenzene		52.9		ug/L	50.0	106%	78 - 126			6091324	NPI0161-01	09/09/06 14:02
Purgeable Petroleum Hydrocarbons												
6091324-MSD1												
Gasoline Range Organics	ND	3170		ug/L	3050	104%	60 - 140	8	40	6091324	NPI0161-01	09/09/06 14:02
Surrogate: 1,2-Dichloroethane-d4		47.2		ug/L	50.0	94%	0 - 200			6091324	NPI0161-01	09/09/06 14:02
Surrogate: Dibromofluoromethane		46.8		ug/L	50.0	94%	0 - 200			6091324	NPI0161-01	09/09/06 14:02
Surrogate: Toluene-d8		49.0		ug/L	50.0	98%	0 - 200			6091324	NPI0161-01	09/09/06 14:02
Surrogate: 4-Bromofluorobenzene		52.9		ug/L	50.0	106%	0 - 200			6091324	NPI0161-01	09/09/06 14:02

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)
 270 Perkins Street
 Sonoma, CA 95476
 Attn Dennis Baertschi

Work Order: NPI0165
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 09/01/06 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California
CA LUFT GC/MS	Water			X
NA	Water			
SW846 8260B	Water	N/A	X	X

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)
270 Perkins Street
Sonoma, CA 95476
Attn Dennis Baertschi

Work Order: NPI0165
Project Name: 510 E. 14th Street, Oakland, CA
Project Number: SAP 135695
Received: 09/01/06 08:00

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

<u>Method</u>	<u>Matrix</u>	<u>Analyte</u>
CA LUFT GC/MS	Water	Gasoline Range Organics

Nashville Division COOLER RECEIPT FORM



BC#

NPI0165

Cooler Received/Opened On September 1, 2006 @ 0800

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 5516

- Fedex UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: 0.1 Degrees Celsius (indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 Raynger ST

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: 1 (front)

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial)..... Jr

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other _____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... Jr

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO... NA

b. Did the bottle labels indicate that the correct preservatives were used?..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

14. Was residual chlorine present?..... YES...NO... NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial)..... Jr

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA


18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial)..... Jr

I certify that I attached a label with the unique LIMS number to each container (initial)..... Jr

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # _____

BIS = Broken in shipment
Cooler Receipt Form

- LAB: 
- TA - Irvine, California
 - TA - Morgan Hill, California
 - TA - Sacramento, California
 - TA - Nashville, Tennessee
 - Calscience
 - Other _____

SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Denis Brown

ENVIRONMENTAL SERVICES

NETWORK DEV / FE BILL CONSULTANT

COMPLIANCE RMT/CRMT

CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY)

9 7 6 0 1 7 3 4

SAP or CRMT #

DATE: 8/29/06

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112

PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata

TELEPHONE: 408-573-0555 **FAX:** 408-573-7771 **E-MAIL:** mninokata@blainetech.com

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):

STD 5 DAY 3 DAY 2 DAY 24 HOURS RESULTS NEEDED ON WEEKEND

LA - RWQCB REPORT FORMAT UST AGENCY:

SITE ADDRESS: Street and City 510 E. 14th Street, Oakland

State CA **GLOBAL ID NO.:** T0600112421

EDF DELIVERABLE TO (Name, Company, Office Location): Dennis Baertshi, Cambria, Eureka Office **PHONE NO.:** 707-268-3813

SAMPLER NAME(S) (Print): D. Ragna

E-MAIL: sonomaedf@cambria-env.com **CONSULTANT PROJECT NO.:** BTS # 060829-D*2

SPECIAL INSTRUCTIONS OR NOTES:

NPI0165
09/18/06 23:59

EDD NOT NEEDED

SHELL CONTRACT RATE APPLIES

STATE REIMB RATE APPLIES

RECEIPT VERIFICATION REQUESTED

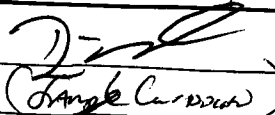
REQUESTED ANALYSIS

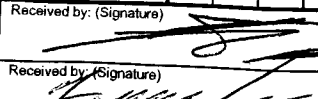
TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH-motor oil (8015M)	TDS (160.1)	Total Iron (6010B)	Total Lead (6010B)	Total Oil and Grease (1664A)
X	X	X	X						X	X							
X	X	X	X						X	X							
X	X	X	X						X	X							
X	X	X	X						X	X							
X	X	X	X						X	X							

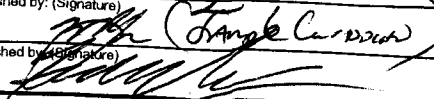
FIELD NOTES:

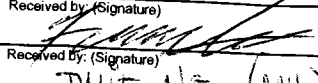
Container/Preservative or PID Readings or Laboratory Notes

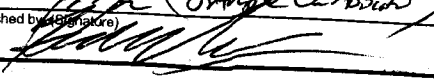
TEMPERATURE ON RECEIPT C°

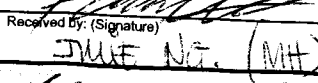
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Received by: (Signature)  Date: 8/30/06 Time: 1355

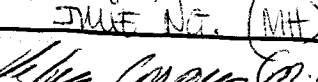
Relinquished by: (Signature)  Date: 8/30/06 Time: 1535 1430


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Received by: (Signature)  Date: 8/30/06 Time: 1535 1430


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Received by: (Signature)  Date: 8/30/06 Time: 1535 1430

Relinquished by: (Signature) Date: 8/30/06 Time: 1535 1430

Received by: (Signature) Date: 8/30/06 Time: 1535 1430

Blaine Tech Services (M.H.) 8.31.06 1700

Repair Data Sheet

Client Shell Date 9-7-06
 Site Address 510 E 14th Street, Oakland
 Job Number 060907A12 Technician Andrew Adinolfi

Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Check Indicates deficiency										Deficiency Logged on Repair Order	Deficiency Remains Uncorrected/Logged on Site Inspection Checklist	Partial Repair Completed/Outstanding Deficiency Logged on Repair Order	All Repairs Completed
					Casing	Annular Seal	Tabs / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Securable by Design (12" diameter or less)	Lid not marked with words "MONITORING WELL"	Other Deficiency				
MW-1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																
Notes:																		
MW-2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																
Notes:																		
MW-3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																
Notes:																		
MW-4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																
Notes:																		
MW-5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																
Notes:																		
Notes:																		

SITE INSPECTION CHECKLIST

Client Shell Date 9-7-06
 Site Address 510 E. 14th Street, Oakland
 Job Number 060407M2 Technician Andrew Adinolfi
 Site Status Shell Branded Station Vacant Lot Other _____

- Inspected / Labeled / Cleaned - All Wells on Scope Of Work
- Inspected / Cleaned Components - All Other Identifiable Wells (N/A)
- Inspected Site for Investigation Related Trip Hazards
- Addressed All Outstanding Wellhead Repair Order(s) (N/A)
- Completed Repair Data Sheets(s) N/A
- Inspected Treatment / Remediation System Compound For Security, Cleanliness and Appearance N/A
- Inspected Vacant Lot for Signs of Habitation, Hazardous Materials or Terrain, Overgrown Vegetation and Security (N/A)

PLEASE BE ADVISED THAT, UNLESS OTHERWISE INSTRUCTED, NO REPAIRS ARE PLANNED FOR THE ISSUES DESCRIBED BELOW

Outstanding Problems / Comments	(In addition to other issues, note all SOW wellboxes that, by design, are not securable)

PROJECT COORDINATOR ONLY

Checklist Reviewed	<u>AD</u> <u>9/11</u> <small>Initial/Date</small>	Notes
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WELLHEAD INSPECTION CHECKLIST

Page 1 of 1

Client 97601734 Date 8/29/06
 Site Address 510 E. 14th St. Oakland CA.
 Job Number 060829 - DR2 Technician DR

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12" or less)	WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12" or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-1	X									
MW-2	X									
MW-3	X									
MW-4	X									
MW-5	X									

NOTES: _____

WELLHEAD INSPECTION CHECKLIST

Client 97601734 Date 8/25/06
 Site Address 510 E. 14th St. Oakland CA.
 Job Number 060825-DR1 Technician DR

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12" or less)	WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12" or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-1	X									
MW-2	X									
MW-3	X									
MW-4	X									
MW-5	X									

NOTES: _____

WELL GAUGING DATA

Project # 060829-DP2 Date 8/29/06 Client 97601734

Site 510 E. 14th St. Oakland CA.

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOE	Notes
MW-1	905	4					10.98	20.76	↓	
MW-2	910	4				10.17	24.18			
MW-3	924	4				10.78	29.27			
MW-4	919	4				9.36	21.91			
MW-5	905	4				10.02	21.80			

WELL MONITORING DATA SHEET

Project #: 060829-DR2	Client: 77601734
Sampler: DR	Date: 8/29/06
Well I.D.: MW-1	Well Diameter: 2 3 4 6 8
Total Well Depth (TD): 20.76	Depth to Water (DTW): 10.98
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.94	

Purge Method: Bailer Waterra Sampling Method: **X**Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Extraction Pump Extraction Port
X Electric Submersible Other _____ Dedicated Tubing

Other: _____

6.4 (Gals.) X	3 Specified Volumes	= 19.2 Gals. Calculated Volume
---------------	---------------------	--------------------------------

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1001	67.5	7.1	708	203	6.4	clear
* well	dewatered	at	7.5 gal.			DTW = 18.49
1105	68.1	7.0	745	~1000	—	cloudy

Did well dewater? **Yes** No Gallons actually evacuated: 6.4

Sampling Date: 8/29/06 Sampling Time: 1105 Depth to Water: 11.47

Sample I.D.: MW-1 Laboratory: Kiff CalScience Other **(14)**

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See Col

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: <u>060829-DR2</u>	Client: <u>97601734</u>
Sampler: <u>DR</u>	Date: <u>8/29/06</u>
Well I.D.: <u>MW-2</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): <u>24.18</u>	Depth to Water (DTW): <u>10.17</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>12.97</u>	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible

Waterra Peristaltic Extraction Pump Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing

Other: _____

9.1 (Gals.) X 3 = 27.3 Gals.

I Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (F or °C)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
942	67.7	7.3	765	770	9.1	cloudy
944	69.0	7.2	725	306	18.2	"
946	68.7	7.1	724	275	27.3	"

Did well dewater? Yes No Gallons actually evacuated: 27.3

Sampling Date: 8/29/06 Sampling Time: 951 Depth to Water: 12.64

Sample I.D.: MW-2 Laboratory: Kiff CalScience Other IA

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: Σc CoC

EB I.D. (if applicable): @ _____ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: <u>060829-DR2</u>		Client: <u>97601734</u>	
Sampler: <u>DR</u>		Date: <u>8/29/06</u>	
Well I.D.: <u>MW-3</u>		Well Diameter: 2 3 <u>4</u> 6 8	
Total Well Depth (TD): <u>29.27</u>		Depth to Water (DTW): <u>10.78</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
Referenced to: <u>PVC</u> Grade		D.O. Meter (if req'd): YSI HACH	
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>14.48</u>			

Purge Method: Bailer Waterra Sampling Method: Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Extraction Pump Extraction Port
 Electric Submersible Other _____ Dedicated Tubing
Other: _____

<u>12.0</u> (Gals.) X <u>3</u> = <u>36.0</u> Gals. I Case Volume Specified Volumes Calculated Volume	<table border="1"><thead><tr><th>Well Diameter</th><th>Multiplier</th><th>Well Diameter</th><th>Multiplier</th></tr></thead><tbody><tr><td>1"</td><td>0.04</td><td>4"</td><td>0.65</td></tr><tr><td>2"</td><td>0.16</td><td>6"</td><td>1.47</td></tr><tr><td>3"</td><td>0.37</td><td>Other</td><td>radius² * 0.163</td></tr></tbody></table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (<input checked="" type="radio"/> °F or °C)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
<u>1024</u>	<u>65.8</u>	<u>7.0</u>	<u>737</u>	<u>21000</u>	<u>12.0</u>	<u>cloudy / brown</u>
<u>1027</u>	<u>68.7</u>	<u>7.0</u>	<u>749</u>	<u>662</u>	<u>24.0</u>	<u>" "</u>
<u>1029</u>	<u>68.0</u>	<u>7.0</u>	<u>793</u>	<u>479</u>	<u>36.0</u>	<u>" "</u>
			<u>* First recharge. waited for 80%</u>			<u>DTW = 16.90</u>

Did well dewater? Yes <input checked="" type="radio"/> No		Gallons actually evacuated: <u>36.0</u>	
Sampling Date: <u>8/29/06</u>		Sampling Time: <u>1040</u> Depth to Water: <u>14.41</u>	
Sample I.D.: <u>MW-3</u>		Laboratory: Kiff CalScience Other: <u>TA</u>	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: <u>See CoC</u>			
EB I.D. (if applicable): _____ @ _____ time		Duplicate I.D. (if applicable): _____	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:			
D.O. (if req'd): Pre-purge: _____	mg/L	Post-purge: _____	mg/L
O.R.P. (if req'd): Pre-purge: _____	mV	Post-purge: _____	mV

WELL MONITORING DATA SHEET

Project #: <u>0608 2A-D12</u>	Client: <u>97601734</u>
Sampler: <u>DR</u>	Date: <u>8/29/06</u>
Well I.D.: <u>MW-4</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): <u>21.91</u>	Depth to Water (DTW): <u>9.36</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>VCP</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>11.87</u>	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible

Waterra Peristaltic Extraction Pump Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing

Other: _____

<u>8.2</u> (Gals.) X <u>3</u> = <u>24.6</u> Gals. 1 Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F or °C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1013	69.1	6.8	524	61	8.2	clear
* Well	dewatered at		13.0	gal.	DTW:	19.48
1140	67.6	7.0	523	402	—	cloudy
	* Slow recharge					

Did well dewater? Yes No Gallons actually evacuated: 13.0

Sampling Date: 8/29/06 Sampling Time: 1140 Depth to Water: 11.85

Sample I.D.: MW-4 Laboratory: Kiff CalScience Other TH

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See Col

EB I.D. (if applicable): @ _____ Time _____ Duplicate I.D. (if applicable): _____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: _____

D.O. (if req'd):	Pre-purge:		mg/L	Post-purge:		mg/L
O.R.P. (if req'd):	Pre-purge:		mV	Post-purge:		mV

WELL MONITORING DATA SHEET

Project #: <u>0608 29-DR 2</u>	Client: <u>9760 1734</u>
Sampler: <u>DA</u>	Date: <u>8/29/06</u>
Well I.D.: <u>MW-5</u>	Well Diameter: 2 3 <input checked="" type="radio"/> 6 8
Total Well Depth (TD): <u>21.80</u>	Depth to Water (DTW): <u>10.02</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>12.38</u>	

Purge Method: Bailer Disposable Bailer Positive Air Displacement <input checked="" type="checkbox"/> Electric Submersible	Waterra Peristaltic Extraction Pump Other _____	Sampling Method: <input checked="" type="checkbox"/> Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: _____
--	--	---

<u>7.7</u> (Gals.) X	<u>3</u>	<u>=</u>	<u>23.1</u> Gals.	
1 Case Volume	Specified Volumes		Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
929	66.3	7.3	1364	120	7.7	clear
\downarrow Well	dewatered	at	8.0 gal.		DTW =	19.97
1050	68.7	7.0	1176	186	—	clear

Did well dewater? Yes No Gallons actually evacuated: 8.0

Sampling Date: 8/29/06 Sampling Time: 1050 Depth to Water: 10.24

Sample I.D.: MW-5 Laboratory: Kiff CalScience Other JA

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: Sec Col

EB I.D. (if applicable): @ _____ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
------------------	------------	------	-------------	------

O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV
--------------------	------------	----	-------------	----

WELL GAUGING DATA

Project # 060824-DR1 Date 8/25/06 Client 97601734

Site 510 E. 14th St. Oakland Ca.

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or <u>TOG</u>	Notes
MW-1	800	4					10.98	20.75		
MW-2	755	4				9.91	24.16			
MW-3	808	4				10.00	27.55			
MW-4	804	4				9.91	21.60			
MW-5	750	4				9.98	21.77			

WELL DEVELOPMENT DATA SHEET

Project #: <u>060825-DRI</u>	Client: <u>97601734</u>
Developer: <u>DR</u>	Date Developed: <u>8/25/06</u>
Well I.D. <u>MW-1</u>	Well Diameter: (circle one) 2 3 <u>4</u> 6
Total Well Depth: Before <u>10.75</u> After <u>20.77</u>	Depth to Water: Before <u>10.98</u> After <u>18.02</u>
Reason not developed:	If Free Product, thickness:
Additional Notations: <u>Had bottom from the beginning</u>	

Volume Conversion Factor (VCF):
 $(12 \times (d^2/4) \times \pi) / 231$
 where
 12 = in / foot
 d = diameter (in.)
 $\pi = 3.1416$
 231 = in³/gal

Well dia.	VCF
2"	= 0.16
3"	= 0.37
4"	= 0.65
6"	= 1.47
10"	= 4.08
12"	= 6.87

<u>6.4</u>	X	<u>10</u>	=	<u>64</u>
1 Case Volume		Specified Volumes		gallons

Purging Device: Bailer Electric Submersible
 Suction Pump Positive Air Displacement

Type of Installed Pump Middleburg
 Other equipment used _____

TIME	TEMP (F)	pH	Cond. (mS or μ S)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:	
1108	68.3	7.3	1044	7100	6.4	cloudy	11.72
1114	69.1	7.2	949	7100	12.8	"	12.12
1120	69.3	7.5	841	7100	19.2	" / adjusted pump speed	14.02
1126	69.4	7.6	812	7100	25.6	"	16.31
1132	68.3	7.7	778	735	32.0	"	17.37
1138	69.4	7.7	725	618	38.4	" / Adjusted Pump Speed	18.02
1148	69.7	7.8	723	507	44.8	"	18.29
1158	69.6	7.8	721	498	51.2	"	18.38
1207	70.1	7.8	717	377	57.6	"	18.37
1216	70.2	7.8	709	338	64.0	"	18.38
Did Well Dewater? <u>No</u>	If yes, note above.		Gallons Actually Evacuated:		<u>64.0</u>		

WELL DEVELOPMENT DATA SHEET

Project #: <u>060825-DR1</u>	Client: <u>97601734</u>
Developer: <u>DR</u>	Date Developed: <u>8/25/06</u>
Well I.D. <u>MW-2</u>	Well Diameter: (circle one) 2 3 <u>4</u> 6
Total Well Depth: Before <u>24.6</u> After <u>24.18</u>	Depth to Water: Before <u>9.91</u> After <u>11.86</u>
Reason not developed:	If Free Product, thickness:
Additional Notations: <u>Had a hard bottom from the beginning</u>	

Volume Conversion Factor (VCF):
 $(12 \times (d^2/4) \times \pi) / 231$
 where
 12 = in / foot
 d = diameter (in.)
 $\pi = 3.1416$
 231 = in³/gal

Well dia.	VCF
2"	= 0.16
3"	= 0.37
4"	= 0.65
6"	= 1.47
10"	= 4.08
12"	= 6.87

<u>9.3</u>	X	<u>10</u>	=	<u>93</u>
1 Case Volume		Specified Volumes		gallons

- Purging Device:
- | | |
|---------------------------------------|---|
| <input type="checkbox"/> Bailer | <input type="checkbox"/> Electric Submersible |
| <input type="checkbox"/> Suction Pump | <input checked="" type="checkbox"/> Positive Air Displacement |

Type of Installed Pump Middlebury
 Other equipment used _____

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:	DTW
937	65.8	7.6	930	>1000	9.3	cloudy	10.75
944	67.0	7.1	732	>1000	18.6	"	11.12
951	67.4	7.1	706	>1000	27.9	light cloudy	11.87
958	67.2	7.1	700	794	37.2	"	12.01
1005	65.5	7.0	696	646	46.5	"	12.03
1012	66.8	7.0	697	484	55.8	"	12.01
1019	67.0	7.1	698	345	65.1	"	12.02
1026	66.7	7.0	695	268	74.4	clear	12.02
1033	66.4	7.1	696	251	83.7	clear	12.03
1040	66.3	7.1	694	239	93.0	clear	12.02

Did Well Dewater? <u>No</u>	If yes, note above.	Gallons Actually Evacuated: <u>93.0</u>
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WELL DEVELOPMENT DATA SHEET

Project #: 060825-DR1	Client: 97601734
Developer: DR	Date Developed: 8/25/06
Well I.D. MW-3	Well Diameter: (circle one) 2 3 4 6
Total Well Depth: Before 27.55 After 29.33	Depth to Water: Before 10.00 After 18.36
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):
 $(12 \times (d^2/4) \times \pi) / 231$
 where
 12 = in / foot
 d = diameter (in.)
 $\pi = 3.1416$
 231 = in³/gal

Well dia.	VCF
2"	= 0.16
3"	= 0.37
4"	= 0.65
6"	= 1.47
10"	= 4.08
12"	= 6.87


<u>11.4</u>	X	<u>10</u>	=	<u>114</u>	gallons
1 Case Volume		Specified Volumes			

Purging Device: Bailer Electric Submersible
 Suction Pump Positive Air Displacement

Type of Installed Pump _____
 Other equipment used 4" surge block

TIME	TEMP (F)	pH	Cond. (mS or μ S)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
<u>1020-1025 Surge well</u>						
1049	65.9	8.34	890	>1000	11.4	Thick silt DTW-12.65
1105	66.7	7.45	865	>1000	22.8	DTW-12.96
1121	66.8	7.39	867	>1000	34.2	↑gpm DTW-13.21
1137	67.0	7.35	869	>1000	45.6	DTW-14.29 cleaning
1147	67.0	7.39	862	>1000	57.0	DTW-15.00 Had Bottom
1156	67.6	7.29	880	>1000	68.4	DTW-15.38 ↑GPM
1204	67.2	7.36	868	932	79.8	switch to 3" elect. sub pump
1210	67.9	7.31	844	913	91.2	
1212	67.8	7.34	878	891	102.6	
1214	68.0	7.36	858	959	114.0	

Did Well Dewater? N If yes, note above. Gallons Actually Evacuated: 114

5gal buckets


WELL DEVELOPMENT DATA SHEET

Project #: <u>060825-DR1</u>	Client: <u>97601734</u>
Developer: <u>DR</u>	Date Developed: <u>8/25/06</u>
Well I.D. <u>MW-4</u>	Well Diameter: (circle one) 2 3 <u>4</u> 6
Total Well Depth: Before <u>21.60</u> After <u>22.00</u>	Depth to Water: Before <u>9.91</u> After <u>19.85</u>
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):
 $(12 \times (d^2/4) \times \pi) / 231$
 where
 12 = in / foot
 d = diameter (in.)
 $\pi = 3.1416$
 231 = in³/gal

Well dia.	VCF
2" =	0.16
3" =	0.37
4" =	0.65
6" =	1.47
10" =	4.08
12" =	6.87

<u>7.6</u>	X	<u>10</u>	=	<u>76</u>
1 Case Volume		Specified Volumes		gallons

Purging Device: Bailer Electric Submersible
 Suction Pump Positive Air Displacement

Type of Installed Pump _____
 Other equipment used 4" surge block

TIME	TEMP (F)	pH	Cond. (mS or μ S)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
<u>0920-0935</u>						<u>surge well</u>
<u>0948</u>	<u>69.8</u>	<u>7.70</u>	<u>764.2</u>	<u>21000</u>	<u>7.6</u>	<u>DTW-1800</u>
<u>1000</u>	<u>68.4</u>	<u>7.54</u>	<u>661</u>	<u>21000</u>	<u>15.2</u>	<u>Used pump to agitate bottom + remove silt</u>
<u>1008</u>	<u>68.5</u>	<u>7.78</u>	<u>609</u>	<u>21000</u>	<u>22.8</u>	<u>slight odor</u>
						<u>well dewatered @ 23 gal</u> <u>DTW-19.71</u>
<u>1240</u>	<u>69.7</u>	<u>7.29</u>	<u>615</u>	<u>21000</u>	<u>30.4</u>	<u>Greyish DTW-19.11</u>
						<u>well dewatered @ 33 gal</u>
						<u>well dewatered @ 39 gal</u>
<u>1453</u>	<u>68.2</u>	<u>7.62</u>	<u>669</u>	<u>586</u>		<u>Grey, Odor</u>
Did Well Dewater? <u>yes</u> If yes, note above.				Gallons Actually Evacuated:		<u>39 gal</u>

5 gal buckets
HT 18

1348 - DTW - 14.31

WELL DEVELOPMENT DATA SHEET

Project #: <u>060825-DR1</u>	Client: <u>97601734</u>
Developer: <u>DR</u>	Date Developed: <u>8/25/06</u>
Well I.D. <u>MW-S</u>	Well Diameter: (circle one) 2 3 <u>4</u> 6
Total Well Depth: Before <u>21.77</u> After <u>21.81</u>	Depth to Water: Before <u>9.98</u> After <u>20.93</u>
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):
 $\frac{12 \times (d^2/4) \times \pi}{231}$
 where
 12 = in / foot
 d = diameter (in.)
 $\pi = 3.1416$
 231 = in³/gal

Well dia.	VCF
2"	= 0.16
3"	= 0.37
4"	= 0.65
6"	= 1.47
10"	= 4.08
12"	= 6.87

<u>7.7</u>	X	<u>10</u>	=	<u>77.0</u>
1 Case Volume		Specified Volumes		gallons

- Purging Device:
- Bailer
 - Suction Pump
 - Electric Submersible
 - Positive Air Displacement

Type of Installed Pump Middleborge
 Other equipment used _____

TIME	TEMP (F)	pH	Cond. (mS or μS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:	
830	66.2	9.9	1807	71000	7.7	cloudy	DW 18.39
840	67.8	10.25	1944	71000	15.4	* Hand bottom achieved	20.04
Well dewatered at 16.0 gal.							DW = 20.98
1235	71.7	7.2	1357	483	23.1	light cloudy	17.03
1241	73.3	8.1	1341	240	30.8	clear	20.52
Well dewatered at 31.0 gal.							DW = 21.03
1450	73.8	7.5	1312	231	38.5	clear	20.86
Well dewatered at 39.0 gal.							DW = 20.93
Stopped development due to lack of water. Per client.							
Did Well Dewater? <u>yes</u>					If yes, note above.		Gallons Actually Evacuated: <u>39.0</u>

11.62

Attachment F
Virgil Chavez Well Survey Report

Virgil Chavez Land Surveying

721 Tuolumne Street
 Vallejo, California 94590
 (707) 553-2476 • Fax (707) 553-8698

September 8, 2006
 Project No.: 2640-26

Dennis Baertschi
 Cambria Environmental
 270 Perkins St.
 Sonoma, CA. 95476

SEP 11 2006

Subject: Monitoring Well Survey
 506-510 International Blvd.
 Oakland, CA

Dear Dennis:

This is to confirm that we have proceeded at your request to survey the ground water monitoring wells located at the above referenced location. The survey was completed on September 7, 2006. The benchmark for this survey was a City of Oakland benchmark 25A, a brass pin in monument box in the sidewalk at the northeast corner of the intersection of 7th Street and Harrison. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone III (NAD83). Benchmark Elevation = 28.812 (NGVD 29)

<u>Latitude</u>	<u>Longitude</u>	<u>Northing</u>	<u>Easting</u>	<u>Elev.</u>	<u>Desc.</u>
37.7956758	-122.2535327	2116932.11	6055028.87	31.13	RIM MW-1
				30.85	TOC MW-1
				31.46	RIM MW-2
37.7957765	-122.2535256	2116968.72	6055031.62	30.96	TOC MW-2
				32.41	RIM MW-3
37.7956767	-122.2532633	2116930.97	6055106.71	32.02	TOC MW-3
				31.31	RIM MW-4
37.7955803	-122.2534129	2116896.67	6055062.82	31.10	TOC MW-4
				31.96	RIM MW-5
37.7958698	-122.2533643	2117001.82	6055078.83	31.61	TOC MW-5



Sincerely,

Virgil D. Chavez
 Virgil D. Chavez, PLS 6323

Attachment G
Certified Analytical Reports

August 15, 2006

Client: Cambria Env. Tech. (Emeryville) / SHELL (13675)
5900 Hollis Street, Suite A
Emeryville, CA 94608
Attn: Brenda Carter

Work Order: NPH0311
Project Name: 510 E. 14th Street, Oakland, CA
Project Nbr: SAP 135695
P/O Nbr: 97601734
Date Received: 08/01/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1-5	NPH0311-01	07/26/06 15:00
MW-1-10	NPH0311-02	07/28/06 07:30
MW-1-15	NPH0311-03	07/28/06 07:50
MW-1-20	NPH0311-04	07/28/06 08:00
MW-1W	NPH0311-05	07/28/06 07:15
MW-2-5	NPH0311-06	07/26/06 10:50
MW-2-10	NPH0311-07	07/27/06 13:05
MW-2-14	NPH0311-08	07/27/06 13:12
MW-3-5	NPH0311-09	07/26/06 12:00
MW-3-10	NPH0311-10	07/28/06 14:10
MW-3-15	NPH0311-11	07/28/06 14:20
MW-3-20	NPH0311-12	07/28/06 14:25
MW-4-5	NPH0311-13	07/28/06 10:50
MW-4-10	NPH0311-14	07/28/06 11:00
MW-4-15	NPH0311-15	07/28/06 11:05
MW-4-20	NPH0311-16	07/28/06 11:10
MW-4W	NPH0311-17	07/28/06 09:00
MW-5-5	NPH0311-18	07/26/06 08:10
MW-5-10	NPH0311-19	07/27/06 07:20
MW-5-15	NPH0311-20	07/27/06 07:30
MW-5-20	NPH0311-21	07/27/06 07:40

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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California Certification Number: 01168CA

The Chain(s) of Custody, 4 pages, are included and are an integral part of this report.

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Report Approved By:



Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
5900 Hollis Street, Suite A
Emeryville, CA 94608
Attn Brenda Carter

Work Order: NPH0311
Project Name: 510 E. 14th Street, Oakland, CA
Project Number: SAP 135695
Received: 08/01/06 07:50

Jim Hatfield
Project Management

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPH0311-01 (MW-1-5 - Soil) Sampled: 07/26/06 15:00								
General Chemistry Parameters								
% Dry Solids	85.5		%	0.500	1	08/11/06 08:54	SW-846	6081774
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	08/08/06 22:00	SW846 8260B	6081406
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	08/08/06 22:00	SW846 8260B	6081406
Ethylbenzene	ND	PX	mg/kg	0.00200	1	08/08/06 22:00	SW846 8260B	6081406
Methyl tert-Butyl Ether	ND	PX	mg/kg	0.00200	1	08/08/06 22:00	SW846 8260B	6081406
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	08/08/06 22:00	SW846 8260B	6081406
Toluene	ND	PX	mg/kg	0.00200	1	08/08/06 22:00	SW846 8260B	6081406
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	08/08/06 22:00	SW846 8260B	6081406
1,2-Dichloroethane	ND	PX	mg/kg	0.00200	1	08/08/06 22:00	SW846 8260B	6081406
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	08/08/06 22:00	SW846 8260B	6081406
Xylenes, total	ND	PX	mg/kg	0.00500	1	08/08/06 22:00	SW846 8260B	6081406
1,2-Dibromoethane (EDB)	ND	PX	mg/kg	0.00200	1	08/08/06 22:00	SW846 8260B	6081406
<i>Surr: 1,2-Dichloroethane-d4 (72-125%)</i>	<i>103 %</i>					<i>08/08/06 22:00</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: Dibromofluoromethane (73-124%)</i>	<i>101 %</i>					<i>08/08/06 22:00</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: Toluene-d8 (80-124%)</i>	<i>111 %</i>					<i>08/08/06 22:00</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: 4-Bromofluorobenzene (25-185%)</i>	<i>103 %</i>					<i>08/08/06 22:00</i>	<i>SW846 8260B</i>	<i>6081406</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND	PX	mg/kg	0.100	1	08/08/06 22:00	CA LUFT GC/MS	6081406
Sample ID: NPH0311-02 (MW-1-10 - Soil) Sampled: 07/28/06 07:30								
General Chemistry Parameters								
% Dry Solids	86.4		%	0.500	1	08/11/06 08:54	SW-846	6081774
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	08/08/06 22:31	SW846 8260B	6081406
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	08/08/06 22:31	SW846 8260B	6081406
Ethylbenzene	ND	PX	mg/kg	0.00200	1	08/08/06 22:31	SW846 8260B	6081406
Methyl tert-Butyl Ether	ND	PX	mg/kg	0.00200	1	08/08/06 22:31	SW846 8260B	6081406
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	08/08/06 22:31	SW846 8260B	6081406
Toluene	ND	PX	mg/kg	0.00200	1	08/08/06 22:31	SW846 8260B	6081406
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	08/08/06 22:31	SW846 8260B	6081406
1,2-Dichloroethane	ND	PX	mg/kg	0.00200	1	08/08/06 22:31	SW846 8260B	6081406
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	08/08/06 22:31	SW846 8260B	6081406
Xylenes, total	ND	PX	mg/kg	0.00500	1	08/08/06 22:31	SW846 8260B	6081406
1,2-Dibromoethane (EDB)	ND	PX	mg/kg	0.00200	1	08/08/06 22:31	SW846 8260B	6081406
<i>Surr: 1,2-Dichloroethane-d4 (72-125%)</i>	<i>103 %</i>					<i>08/08/06 22:31</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: Dibromofluoromethane (73-124%)</i>	<i>103 %</i>					<i>08/08/06 22:31</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: Toluene-d8 (80-124%)</i>	<i>110 %</i>					<i>08/08/06 22:31</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: 4-Bromofluorobenzene (25-185%)</i>	<i>101 %</i>					<i>08/08/06 22:31</i>	<i>SW846 8260B</i>	<i>6081406</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND	PX	mg/kg	0.100	1	08/08/06 22:31	CA LUFT GC/MS	6081406

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPH0311-03 (MW-1-15 - Soil) Sampled: 07/28/06 07:50								
General Chemistry Parameters								
% Dry Solids	81.3		%	0.500	1	08/11/06 08:54	SW-846	6081774
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	08/08/06 23:03	SW846 8260B	6081406
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	08/08/06 23:03	SW846 8260B	6081406
Ethylbenzene	ND	PX	mg/kg	0.00200	1	08/08/06 23:03	SW846 8260B	6081406
Methyl tert-Butyl Ether	ND	PX	mg/kg	0.00200	1	08/08/06 23:03	SW846 8260B	6081406
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	08/08/06 23:03	SW846 8260B	6081406
Toluene	ND	PX	mg/kg	0.00200	1	08/08/06 23:03	SW846 8260B	6081406
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	08/08/06 23:03	SW846 8260B	6081406
1,2-Dichloroethane	ND	PX	mg/kg	0.00200	1	08/08/06 23:03	SW846 8260B	6081406
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	08/08/06 23:03	SW846 8260B	6081406
Xylenes, total	ND	PX	mg/kg	0.00500	1	08/08/06 23:03	SW846 8260B	6081406
1,2-Dibromoethane (EDB)	ND	PX	mg/kg	0.00200	1	08/08/06 23:03	SW846 8260B	6081406
<i>Surr: 1,2-Dichloroethane-d4 (72-125%)</i>	<i>102 %</i>					<i>08/08/06 23:03</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: Dibromofluoromethane (73-124%)</i>	<i>103 %</i>					<i>08/08/06 23:03</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: Toluene-d8 (80-124%)</i>	<i>111 %</i>					<i>08/08/06 23:03</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: 4-Bromofluorobenzene (25-185%)</i>	<i>103 %</i>					<i>08/08/06 23:03</i>	<i>SW846 8260B</i>	<i>6081406</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND	PX	mg/kg	0.100	1	08/08/06 23:03	CA LUFT GC/MS	6081406
Sample ID: NPH0311-04 (MW-1-20 - Soil) Sampled: 07/28/06 08:00								
General Chemistry Parameters								
% Dry Solids	80.4		%	0.500	1	08/11/06 08:54	SW-846	6081774
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	08/08/06 23:35	SW846 8260B	6081406
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	08/08/06 23:35	SW846 8260B	6081406
Ethylbenzene	ND	PX	mg/kg	0.00200	1	08/08/06 23:35	SW846 8260B	6081406
Methyl tert-Butyl Ether	0.0114	PX	mg/kg	0.00200	1	08/08/06 23:35	SW846 8260B	6081406
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	08/08/06 23:35	SW846 8260B	6081406
Toluene	ND	PX	mg/kg	0.00200	1	08/08/06 23:35	SW846 8260B	6081406
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	08/08/06 23:35	SW846 8260B	6081406
1,2-Dichloroethane	ND	PX	mg/kg	0.00200	1	08/08/06 23:35	SW846 8260B	6081406
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	08/08/06 23:35	SW846 8260B	6081406
Xylenes, total	ND	PX	mg/kg	0.00500	1	08/08/06 23:35	SW846 8260B	6081406
1,2-Dibromoethane (EDB)	ND	PX	mg/kg	0.00200	1	08/08/06 23:35	SW846 8260B	6081406
<i>Surr: 1,2-Dichloroethane-d4 (72-125%)</i>	<i>106 %</i>					<i>08/08/06 23:35</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: Dibromofluoromethane (73-124%)</i>	<i>107 %</i>					<i>08/08/06 23:35</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: Toluene-d8 (80-124%)</i>	<i>109 %</i>					<i>08/08/06 23:35</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: 4-Bromofluorobenzene (25-185%)</i>	<i>101 %</i>					<i>08/08/06 23:35</i>	<i>SW846 8260B</i>	<i>6081406</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND	PX	mg/kg	0.100	1	08/08/06 23:35	CA LUFT GC/MS	6081406

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPH0311-05 (MW-1W - Water) Sampled: 07/28/06 07:15								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	08/11/06 12:38	SW846 8260B	6081748
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	08/11/06 12:38	SW846 8260B	6081748
Benzene	ND		ug/L	0.500	1	08/11/06 12:38	SW846 8260B	6081748
1,2-Dichloroethane	ND		ug/L	0.500	1	08/11/06 12:38	SW846 8260B	6081748
Ethylbenzene	ND		ug/L	0.500	1	08/11/06 12:38	SW846 8260B	6081748
Toluene	ND		ug/L	0.500	1	08/11/06 12:38	SW846 8260B	6081748
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	08/11/06 12:38	SW846 8260B	6081748
Diisopropyl Ether	ND		ug/L	0.500	1	08/11/06 12:38	SW846 8260B	6081748
Methyl tert-Butyl Ether	15.6		ug/L	0.500	1	08/11/06 12:38	SW846 8260B	6081748
Xylenes, total	ND		ug/L	0.500	1	08/11/06 12:38	SW846 8260B	6081748
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	08/11/06 12:38	SW846 8260B	6081748
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	93 %					08/11/06 12:38	SW846 8260B	6081748
<i>Surr: Dibromofluoromethane (79-122%)</i>	94 %					08/11/06 12:38	SW846 8260B	6081748
<i>Surr: Toluene-d8 (78-121%)</i>	87 %					08/11/06 12:38	SW846 8260B	6081748
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	96 %					08/11/06 12:38	SW846 8260B	6081748
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	145		ug/L	50.0	1	08/11/06 12:38	CA LUFT GC/MS	6081748
Sample ID: NPH0311-06 (MW-2-5 - Soil) Sampled: 07/26/06 10:50								
General Chemistry Parameters								
% Dry Solids	81.3		%	0.500	1	08/11/06 08:54	SW-846	6081774
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	08/09/06 00:07	SW846 8260B	6081406
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	08/09/06 00:07	SW846 8260B	6081406
Ethylbenzene	ND	PX	mg/kg	0.00200	1	08/09/06 00:07	SW846 8260B	6081406
Methyl tert-Butyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 00:07	SW846 8260B	6081406
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 00:07	SW846 8260B	6081406
Toluene	ND	PX	mg/kg	0.00200	1	08/09/06 00:07	SW846 8260B	6081406
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	08/09/06 00:07	SW846 8260B	6081406
1,2-Dichloroethane	ND	PX	mg/kg	0.00200	1	08/09/06 00:07	SW846 8260B	6081406
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 00:07	SW846 8260B	6081406
Xylenes, total	ND	PX	mg/kg	0.00500	1	08/09/06 00:07	SW846 8260B	6081406
1,2-Dibromoethane (EDB)	ND	PX	mg/kg	0.00200	1	08/09/06 00:07	SW846 8260B	6081406
<i>Surr: 1,2-Dichloroethane-d4 (72-125%)</i>	102 %					08/09/06 00:07	SW846 8260B	6081406
<i>Surr: Dibromofluoromethane (73-124%)</i>	106 %					08/09/06 00:07	SW846 8260B	6081406
<i>Surr: Toluene-d8 (80-124%)</i>	110 %					08/09/06 00:07	SW846 8260B	6081406
<i>Surr: 4-Bromofluorobenzene (25-185%)</i>	102 %					08/09/06 00:07	SW846 8260B	6081406
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND	PX	mg/kg	0.100	1	08/09/06 00:07	CA LUFT GC/MS	6081406

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPH0311-07 (MW-2-10 - Soil) Sampled: 07/27/06 13:05								
General Chemistry Parameters								
% Dry Solids	79.0		%	0.500	1	08/11/06 08:54	SW-846	6081774
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	08/09/06 00:39	SW846 8260B	6081406
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	08/09/06 00:39	SW846 8260B	6081406
Ethylbenzene	ND	PX	mg/kg	0.00200	1	08/09/06 00:39	SW846 8260B	6081406
Methyl tert-Butyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 00:39	SW846 8260B	6081406
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 00:39	SW846 8260B	6081406
Toluene	ND	PX	mg/kg	0.00200	1	08/09/06 00:39	SW846 8260B	6081406
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	08/09/06 00:39	SW846 8260B	6081406
1,2-Dichloroethane	ND	PX	mg/kg	0.00200	1	08/09/06 00:39	SW846 8260B	6081406
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 00:39	SW846 8260B	6081406
Xylenes, total	ND	PX	mg/kg	0.00500	1	08/09/06 00:39	SW846 8260B	6081406
1,2-Dibromoethane (EDB)	ND	PX	mg/kg	0.00200	1	08/09/06 00:39	SW846 8260B	6081406
<i>Surr: 1,2-Dichloroethane-d4 (72-125%)</i>	<i>106 %</i>					<i>08/09/06 00:39</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: Dibromofluoromethane (73-124%)</i>	<i>108 %</i>					<i>08/09/06 00:39</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: Toluene-d8 (80-124%)</i>	<i>111 %</i>					<i>08/09/06 00:39</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: 4-Bromofluorobenzene (25-185%)</i>	<i>102 %</i>					<i>08/09/06 00:39</i>	<i>SW846 8260B</i>	<i>6081406</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND	PX	mg/kg	0.100	1	08/09/06 00:39	CA LUFT GC/MS	6081406
Sample ID: NPH0311-08 (MW-2-14 - Soil) Sampled: 07/27/06 13:12								
General Chemistry Parameters								
% Dry Solids	89.2		%	0.500	1	08/11/06 08:54	SW-846	6081774
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	08/09/06 01:11	SW846 8260B	6081406
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	08/09/06 01:11	SW846 8260B	6081406
Ethylbenzene	ND	PX	mg/kg	0.00200	1	08/09/06 01:11	SW846 8260B	6081406
Methyl tert-Butyl Ether	0.00280	PX	mg/kg	0.00200	1	08/09/06 01:11	SW846 8260B	6081406
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 01:11	SW846 8260B	6081406
Toluene	ND	PX	mg/kg	0.00200	1	08/09/06 01:11	SW846 8260B	6081406
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	08/09/06 01:11	SW846 8260B	6081406
1,2-Dichloroethane	ND	PX	mg/kg	0.00200	1	08/09/06 01:11	SW846 8260B	6081406
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 01:11	SW846 8260B	6081406
Xylenes, total	ND	PX	mg/kg	0.00500	1	08/09/06 01:11	SW846 8260B	6081406
1,2-Dibromoethane (EDB)	ND	PX	mg/kg	0.00200	1	08/09/06 01:11	SW846 8260B	6081406
<i>Surr: 1,2-Dichloroethane-d4 (72-125%)</i>	<i>104 %</i>					<i>08/09/06 01:11</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: Dibromofluoromethane (73-124%)</i>	<i>106 %</i>					<i>08/09/06 01:11</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: Toluene-d8 (80-124%)</i>	<i>110 %</i>					<i>08/09/06 01:11</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: 4-Bromofluorobenzene (25-185%)</i>	<i>103 %</i>					<i>08/09/06 01:11</i>	<i>SW846 8260B</i>	<i>6081406</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	2.74	PX	mg/kg	0.100	1	08/09/06 01:11	CA LUFT GC/MS	6081406

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPH0311-09 (MW-3-5 - Soil) Sampled: 07/26/06 12:00								
General Chemistry Parameters								
% Dry Solids	76.0		%	0.500	1	08/11/06 08:54	SW-846	6081774
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	08/09/06 01:43	SW846 8260B	6081406
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	08/09/06 01:43	SW846 8260B	6081406
Ethylbenzene	ND	PX	mg/kg	0.00200	1	08/09/06 01:43	SW846 8260B	6081406
Methyl tert-Butyl Ether	0.155	PX	mg/kg	0.00200	1	08/09/06 01:43	SW846 8260B	6081406
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 01:43	SW846 8260B	6081406
Toluene	ND	PX	mg/kg	0.00200	1	08/09/06 01:43	SW846 8260B	6081406
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	08/09/06 01:43	SW846 8260B	6081406
1,2-Dichloroethane	ND	PX	mg/kg	0.00200	1	08/09/06 01:43	SW846 8260B	6081406
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 01:43	SW846 8260B	6081406
Xylenes, total	ND	PX	mg/kg	0.00500	1	08/09/06 01:43	SW846 8260B	6081406
1,2-Dibromoethane (EDB)	ND	PX	mg/kg	0.00200	1	08/09/06 01:43	SW846 8260B	6081406
<i>Surr: 1,2-Dichloroethane-d4 (72-125%)</i>	<i>105 %</i>					<i>08/09/06 01:43</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: Dibromofluoromethane (73-124%)</i>	<i>106 %</i>					<i>08/09/06 01:43</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: Toluene-d8 (80-124%)</i>	<i>112 %</i>					<i>08/09/06 01:43</i>	<i>SW846 8260B</i>	<i>6081406</i>
<i>Surr: 4-Bromofluorobenzene (25-185%)</i>	<i>105 %</i>					<i>08/09/06 01:43</i>	<i>SW846 8260B</i>	<i>6081406</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	0.403	PX	mg/kg	0.100	1	08/09/06 01:43	CA LUFT GC/MS	6081406
Sample ID: NPH0311-10 (MW-3-10 - Soil) Sampled: 07/28/06 14:10								
General Chemistry Parameters								
% Dry Solids	80.6		%	0.500	1	08/11/06 08:54	SW-846	6081774
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	0.00514	PX	mg/kg	0.00200	1	08/09/06 05:59	SW846 8260B	6081004
Tertiary Butyl Alcohol	0.0588	PX	mg/kg	0.0500	1	08/09/06 05:59	SW846 8260B	6081004
Ethylbenzene	ND	PX	mg/kg	0.00200	1	08/09/06 05:59	SW846 8260B	6081004
Methyl tert-Butyl Ether	0.0890	PX	mg/kg	0.00200	1	08/09/06 05:59	SW846 8260B	6081004
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 05:59	SW846 8260B	6081004
Toluene	ND	PX	mg/kg	0.00200	1	08/09/06 05:59	SW846 8260B	6081004
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	08/09/06 05:59	SW846 8260B	6081004
1,2-Dichloroethane	ND	PX	mg/kg	0.00200	1	08/09/06 05:59	SW846 8260B	6081004
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 05:59	SW846 8260B	6081004
Xylenes, total	ND	PX	mg/kg	0.00500	1	08/09/06 05:59	SW846 8260B	6081004
1,2-Dibromoethane (EDB)	ND	PX	mg/kg	0.00200	1	08/09/06 05:59	SW846 8260B	6081004
<i>Surr: 1,2-Dichloroethane-d4 (72-125%)</i>	<i>109 %</i>					<i>08/09/06 05:59</i>	<i>SW846 8260B</i>	<i>6081004</i>
<i>Surr: Dibromofluoromethane (73-124%)</i>	<i>105 %</i>					<i>08/09/06 05:59</i>	<i>SW846 8260B</i>	<i>6081004</i>
<i>Surr: Toluene-d8 (80-124%)</i>	<i>111 %</i>					<i>08/09/06 05:59</i>	<i>SW846 8260B</i>	<i>6081004</i>
<i>Surr: 4-Bromofluorobenzene (25-185%)</i>	<i>106 %</i>					<i>08/09/06 05:59</i>	<i>SW846 8260B</i>	<i>6081004</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	0.507	PX	mg/kg	0.100	1	08/09/06 05:59	CA LUFT GC/MS	6081004

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPH0311-11 (MW-3-15 - Soil) Sampled: 07/28/06 14:20								
General Chemistry Parameters								
% Dry Solids	80.8		%	0.500	1	08/11/06 08:54	SW-846	6081774
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	08/09/06 06:31	SW846 8260B	6081004
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	08/09/06 06:31	SW846 8260B	6081004
Ethylbenzene	0.00296	PX	mg/kg	0.00200	1	08/09/06 06:31	SW846 8260B	6081004
Methyl tert-Butyl Ether	0.0212	PX	mg/kg	0.00200	1	08/09/06 06:31	SW846 8260B	6081004
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 06:31	SW846 8260B	6081004
Toluene	0.0102	PX	mg/kg	0.00200	1	08/09/06 06:31	SW846 8260B	6081004
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	08/09/06 06:31	SW846 8260B	6081004
1,2-Dichloroethane	ND	PX	mg/kg	0.00200	1	08/09/06 06:31	SW846 8260B	6081004
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 06:31	SW846 8260B	6081004
Xylenes, total	0.0134	PX	mg/kg	0.00500	1	08/09/06 06:31	SW846 8260B	6081004
1,2-Dibromoethane (EDB)	ND	PX	mg/kg	0.00200	1	08/09/06 06:31	SW846 8260B	6081004
<i>Surr: 1,2-Dichloroethane-d4 (72-125%)</i>	<i>104 %</i>					<i>08/09/06 06:31</i>	<i>SW846 8260B</i>	<i>6081004</i>
<i>Surr: Dibromofluoromethane (73-124%)</i>	<i>104 %</i>					<i>08/09/06 06:31</i>	<i>SW846 8260B</i>	<i>6081004</i>
<i>Surr: Toluene-d8 (80-124%)</i>	<i>111 %</i>					<i>08/09/06 06:31</i>	<i>SW846 8260B</i>	<i>6081004</i>
<i>Surr: 4-Bromofluorobenzene (25-185%)</i>	<i>104 %</i>					<i>08/09/06 06:31</i>	<i>SW846 8260B</i>	<i>6081004</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	0.107	PX	mg/kg	0.100	1	08/09/06 06:31	CA LUFT GC/MS	6081004
Sample ID: NPH0311-12 (MW-3-20 - Soil) Sampled: 07/28/06 14:25								
General Chemistry Parameters								
% Dry Solids	84.6		%	0.500	1	08/11/06 08:54	SW-846	6081774
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	08/09/06 07:03	SW846 8260B	6081004
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	08/09/06 07:03	SW846 8260B	6081004
Ethylbenzene	ND	PX	mg/kg	0.00200	1	08/09/06 07:03	SW846 8260B	6081004
Methyl tert-Butyl Ether	0.00571	PX	mg/kg	0.00200	1	08/09/06 07:03	SW846 8260B	6081004
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 07:03	SW846 8260B	6081004
Toluene	ND	PX	mg/kg	0.00200	1	08/09/06 07:03	SW846 8260B	6081004
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	08/09/06 07:03	SW846 8260B	6081004
1,2-Dichloroethane	ND	PX	mg/kg	0.00200	1	08/09/06 07:03	SW846 8260B	6081004
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 07:03	SW846 8260B	6081004
Xylenes, total	ND	PX	mg/kg	0.00500	1	08/09/06 07:03	SW846 8260B	6081004
1,2-Dibromoethane (EDB)	ND	PX	mg/kg	0.00200	1	08/09/06 07:03	SW846 8260B	6081004
<i>Surr: 1,2-Dichloroethane-d4 (72-125%)</i>	<i>106 %</i>					<i>08/09/06 07:03</i>	<i>SW846 8260B</i>	<i>6081004</i>
<i>Surr: Dibromofluoromethane (73-124%)</i>	<i>106 %</i>					<i>08/09/06 07:03</i>	<i>SW846 8260B</i>	<i>6081004</i>
<i>Surr: Toluene-d8 (80-124%)</i>	<i>111 %</i>					<i>08/09/06 07:03</i>	<i>SW846 8260B</i>	<i>6081004</i>
<i>Surr: 4-Bromofluorobenzene (25-185%)</i>	<i>103 %</i>					<i>08/09/06 07:03</i>	<i>SW846 8260B</i>	<i>6081004</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND	PX	mg/kg	0.100	1	08/09/06 07:03	CA LUFT GC/MS	6081004

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPH0311-13 (MW-4-5 - Soil) Sampled: 07/28/06 10:50								
General Chemistry Parameters								
% Dry Solids	84.2		%	0.500	1	08/11/06 08:54	SW-846	6081774
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	08/09/06 07:35	SW846 8260B	6081004
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	08/09/06 07:35	SW846 8260B	6081004
Ethylbenzene	ND	PX	mg/kg	0.00200	1	08/09/06 07:35	SW846 8260B	6081004
Methyl tert-Butyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 07:35	SW846 8260B	6081004
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 07:35	SW846 8260B	6081004
Toluene	ND	PX	mg/kg	0.00200	1	08/09/06 07:35	SW846 8260B	6081004
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	08/09/06 07:35	SW846 8260B	6081004
1,2-Dichloroethane	ND	PX	mg/kg	0.00200	1	08/09/06 07:35	SW846 8260B	6081004
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 07:35	SW846 8260B	6081004
Xylenes, total	ND	PX	mg/kg	0.00500	1	08/09/06 07:35	SW846 8260B	6081004
1,2-Dibromoethane (EDB)	ND	PX	mg/kg	0.00200	1	08/09/06 07:35	SW846 8260B	6081004
<i>Surr: 1,2-Dichloroethane-d4 (72-125%)</i>	<i>129 %</i>	<i>Z10</i>				<i>08/09/06 07:35</i>	<i>SW846 8260B</i>	<i>6081004</i>
<i>Surr: Dibromofluoromethane (73-124%)</i>	<i>116 %</i>					<i>08/09/06 07:35</i>	<i>SW846 8260B</i>	<i>6081004</i>
<i>Surr: Toluene-d8 (80-124%)</i>	<i>107 %</i>					<i>08/09/06 07:35</i>	<i>SW846 8260B</i>	<i>6081004</i>
<i>Surr: 4-Bromofluorobenzene (25-185%)</i>	<i>104 %</i>					<i>08/09/06 07:35</i>	<i>SW846 8260B</i>	<i>6081004</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND	PX	mg/kg	0.100	1	08/09/06 07:35	CA LUFT GC/MS	6081004
Sample ID: NPH0311-14 (MW-4-10 - Soil) Sampled: 07/28/06 11:00								
General Chemistry Parameters								
% Dry Solids	82.2		%	0.500	1	08/11/06 08:54	SW-846	6081774
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	08/09/06 08:06	SW846 8260B	6081004
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	08/09/06 08:06	SW846 8260B	6081004
Ethylbenzene	0.137	PX	mg/kg	0.00200	1	08/09/06 08:06	SW846 8260B	6081004
Methyl tert-Butyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 08:06	SW846 8260B	6081004
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 08:06	SW846 8260B	6081004
Toluene	ND	PX	mg/kg	0.00200	1	08/09/06 08:06	SW846 8260B	6081004
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	08/09/06 08:06	SW846 8260B	6081004
1,2-Dichloroethane	ND	PX	mg/kg	0.00200	1	08/09/06 08:06	SW846 8260B	6081004
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 08:06	SW846 8260B	6081004
Xylenes, total	0.00505	PX	mg/kg	0.00500	1	08/09/06 08:06	SW846 8260B	6081004
1,2-Dibromoethane (EDB)	ND	PX	mg/kg	0.00200	1	08/09/06 08:06	SW846 8260B	6081004
<i>Surr: 1,2-Dichloroethane-d4 (72-125%)</i>	<i>100 %</i>					<i>08/09/06 08:06</i>	<i>SW846 8260B</i>	<i>6081004</i>
<i>Surr: Dibromofluoromethane (73-124%)</i>	<i>99 %</i>					<i>08/09/06 08:06</i>	<i>SW846 8260B</i>	<i>6081004</i>
<i>Surr: Toluene-d8 (80-124%)</i>	<i>118 %</i>					<i>08/09/06 08:06</i>	<i>SW846 8260B</i>	<i>6081004</i>
<i>Surr: 4-Bromofluorobenzene (25-185%)</i>	<i>140 %</i>					<i>08/09/06 08:06</i>	<i>SW846 8260B</i>	<i>6081004</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	339		mg/kg	10.0	100	08/11/06 21:26	CA LUFT GC/MS	6081468

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPH0311-15 (MW-4-15 - Soil) Sampled: 07/28/06 11:05								
General Chemistry Parameters								
% Dry Solids	82.1		%	0.500	1	08/11/06 08:54	SW-846	6081774
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	08/09/06 08:38	SW846 8260B	6081004
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	08/09/06 08:38	SW846 8260B	6081004
Ethylbenzene	ND	PX	mg/kg	0.00200	1	08/09/06 08:38	SW846 8260B	6081004
Methyl tert-Butyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 08:38	SW846 8260B	6081004
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 08:38	SW846 8260B	6081004
Toluene	ND	PX	mg/kg	0.00200	1	08/09/06 08:38	SW846 8260B	6081004
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	08/09/06 08:38	SW846 8260B	6081004
1,2-Dichloroethane	ND	PX	mg/kg	0.00200	1	08/09/06 08:38	SW846 8260B	6081004
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 08:38	SW846 8260B	6081004
Xylenes, total	ND	PX	mg/kg	0.00500	1	08/09/06 08:38	SW846 8260B	6081004
1,2-Dibromoethane (EDB)	ND	PX	mg/kg	0.00200	1	08/09/06 08:38	SW846 8260B	6081004
Surr: 1,2-Dichloroethane-d4 (72-125%)	102 %					08/09/06 08:38	SW846 8260B	6081004
Surr: Dibromofluoromethane (73-124%)	99 %					08/09/06 08:38	SW846 8260B	6081004
Surr: Toluene-d8 (80-124%)	110 %					08/09/06 08:38	SW846 8260B	6081004
Surr: 4-Bromofluorobenzene (25-185%)	101 %					08/09/06 08:38	SW846 8260B	6081004
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND	PX	mg/kg	0.100	1	08/10/06 20:25	CA LUFT GC/MS	6081533
Surr: 1,2-Dichloroethane-d4 (0-200%)	100 %					08/10/06 20:25	CA LUFT GC/MS	6081533
Surr: Dibromofluoromethane (0-200%)	99 %					08/10/06 20:25	CA LUFT GC/MS	6081533
Surr: Toluene-d8 (0-200%)	117 %					08/10/06 20:25	CA LUFT GC/MS	6081533
Surr: 4-Bromofluorobenzene (0-200%)	105 %					08/10/06 20:25	CA LUFT GC/MS	6081533
Sample ID: NPH0311-16 (MW-4-20 - Soil) Sampled: 07/28/06 11:10								
General Chemistry Parameters								
% Dry Solids	79.5		%	0.500	1	08/11/06 08:54	SW-846	6081774
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	08/09/06 09:10	SW846 8260B	6081004
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	08/09/06 09:10	SW846 8260B	6081004
Ethylbenzene	ND	PX	mg/kg	0.00200	1	08/09/06 09:10	SW846 8260B	6081004
Methyl tert-Butyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 09:10	SW846 8260B	6081004
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 09:10	SW846 8260B	6081004
Toluene	ND	PX	mg/kg	0.00200	1	08/09/06 09:10	SW846 8260B	6081004
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	08/09/06 09:10	SW846 8260B	6081004
1,2-Dichloroethane	ND	PX	mg/kg	0.00200	1	08/09/06 09:10	SW846 8260B	6081004
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 09:10	SW846 8260B	6081004
Xylenes, total	ND	PX	mg/kg	0.00500	1	08/09/06 09:10	SW846 8260B	6081004
1,2-Dibromoethane (EDB)	ND	PX	mg/kg	0.00200	1	08/09/06 09:10	SW846 8260B	6081004
Surr: 1,2-Dichloroethane-d4 (72-125%)	99 %					08/09/06 09:10	SW846 8260B	6081004
Surr: Dibromofluoromethane (73-124%)	101 %					08/09/06 09:10	SW846 8260B	6081004
Surr: Toluene-d8 (80-124%)	109 %					08/09/06 09:10	SW846 8260B	6081004
Surr: 4-Bromofluorobenzene (25-185%)	102 %					08/09/06 09:10	SW846 8260B	6081004

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPH0311-16 (MW-4-20 - Soil) - cont. Sampled: 07/28/06 11:10								
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND	PX	mg/kg	0.100	1	08/09/06 09:10	CA LUFT GC/MS	6081004
Sample ID: NPH0311-17 (MW-4W - Water) Sampled: 07/28/06 09:00								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	08/11/06 13:06	SW846 8260B	6081748
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	08/11/06 13:06	SW846 8260B	6081748
Benzene	ND		ug/L	0.500	1	08/11/06 13:06	SW846 8260B	6081748
1,2-Dichloroethane	ND		ug/L	0.500	1	08/11/06 13:06	SW846 8260B	6081748
Ethylbenzene	ND		ug/L	0.500	1	08/11/06 13:06	SW846 8260B	6081748
Toluene	ND		ug/L	0.500	1	08/11/06 13:06	SW846 8260B	6081748
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	08/11/06 13:06	SW846 8260B	6081748
Diisopropyl Ether	ND		ug/L	0.500	1	08/11/06 13:06	SW846 8260B	6081748
Methyl tert-Butyl Ether	1.49		ug/L	0.500	1	08/11/06 13:06	SW846 8260B	6081748
Xylenes, total	ND		ug/L	0.500	1	08/11/06 13:06	SW846 8260B	6081748
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	08/11/06 13:06	SW846 8260B	6081748
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>106 %</i>					<i>08/11/06 13:06</i>	<i>SW846 8260B</i>	<i>6081748</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>104 %</i>					<i>08/11/06 13:06</i>	<i>SW846 8260B</i>	<i>6081748</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>90 %</i>					<i>08/11/06 13:06</i>	<i>SW846 8260B</i>	<i>6081748</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>98 %</i>					<i>08/11/06 13:06</i>	<i>SW846 8260B</i>	<i>6081748</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	373		ug/L	50.0	1	08/11/06 13:06	CA LUFT GC/MS	6081748
Sample ID: NPH0311-18 (MW-5-5 - Soil) Sampled: 07/26/06 08:10								
General Chemistry Parameters								
% Dry Solids	70.1		%	0.500	1	08/11/06 08:54	SW-846	6081774
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	08/09/06 09:42	SW846 8260B	6081004
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	08/09/06 09:42	SW846 8260B	6081004
Ethylbenzene	ND	PX	mg/kg	0.00200	1	08/09/06 09:42	SW846 8260B	6081004
Methyl tert-Butyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 09:42	SW846 8260B	6081004
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 09:42	SW846 8260B	6081004
Toluene	ND	PX	mg/kg	0.00200	1	08/09/06 09:42	SW846 8260B	6081004
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	08/09/06 09:42	SW846 8260B	6081004
1,2-Dichloroethane	ND	PX	mg/kg	0.00200	1	08/09/06 09:42	SW846 8260B	6081004
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 09:42	SW846 8260B	6081004
Xylenes, total	ND	PX	mg/kg	0.00500	1	08/09/06 09:42	SW846 8260B	6081004
1,2-Dibromoethane (EDB)	ND	PX	mg/kg	0.00200	1	08/09/06 09:42	SW846 8260B	6081004
<i>Surr: 1,2-Dichloroethane-d4 (72-125%)</i>	<i>113 %</i>					<i>08/09/06 09:42</i>	<i>SW846 8260B</i>	<i>6081004</i>
<i>Surr: Dibromofluoromethane (73-124%)</i>	<i>107 %</i>					<i>08/09/06 09:42</i>	<i>SW846 8260B</i>	<i>6081004</i>
<i>Surr: Toluene-d8 (80-124%)</i>	<i>106 %</i>					<i>08/09/06 09:42</i>	<i>SW846 8260B</i>	<i>6081004</i>
<i>Surr: 4-Bromofluorobenzene (25-185%)</i>	<i>103 %</i>					<i>08/09/06 09:42</i>	<i>SW846 8260B</i>	<i>6081004</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND	PX	mg/kg	0.100	1	08/09/06 09:42	CA LUFT GC/MS	6081004

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
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Sample ID: NPH0311-18 (MW-5-5 - Soil) - cont. Sampled: 07/26/06 08:10

Sample ID: NPH0311-19 (MW-5-10 - Soil) Sampled: 07/27/06 07:20

General Chemistry Parameters

% Dry Solids	86.6		%	0.500	1	08/11/06 08:54	SW-846	6081774
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Selected Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	PX	mg/kg	0.00200	1	08/09/06 10:14	SW846 8260B	6081004
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	08/09/06 10:14	SW846 8260B	6081004
Ethylbenzene	ND	PX	mg/kg	0.00200	1	08/09/06 10:14	SW846 8260B	6081004
Methyl tert-Butyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 10:14	SW846 8260B	6081004
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 10:14	SW846 8260B	6081004
Toluene	ND	PX	mg/kg	0.00200	1	08/09/06 10:14	SW846 8260B	6081004
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	08/09/06 10:14	SW846 8260B	6081004
1,2-Dichloroethane	ND	PX	mg/kg	0.00200	1	08/09/06 10:14	SW846 8260B	6081004
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 10:14	SW846 8260B	6081004
Xylenes, total	ND	PX	mg/kg	0.00500	1	08/09/06 10:14	SW846 8260B	6081004
1,2-Dibromoethane (EDB)	ND	PX	mg/kg	0.00200	1	08/09/06 10:14	SW846 8260B	6081004
Surr: 1,2-Dichloroethane-d4 (72-125%)	102 %					08/09/06 10:14	SW846 8260B	6081004
Surr: Dibromofluoromethane (73-124%)	101 %					08/09/06 10:14	SW846 8260B	6081004
Surr: Toluene-d8 (80-124%)	109 %					08/09/06 10:14	SW846 8260B	6081004
Surr: 4-Bromofluorobenzene (25-185%)	102 %					08/09/06 10:14	SW846 8260B	6081004

Purgeable Petroleum Hydrocarbons

Gasoline Range Organics	ND	PX	mg/kg	0.100	1	08/09/06 10:14	CA LUFT GC/MS	6081004
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Sample ID: NPH0311-20 (MW-5-15 - Soil) Sampled: 07/27/06 07:30

General Chemistry Parameters

% Dry Solids	83.2		%	0.500	1	08/11/06 08:54	SW-846	6081774
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Selected Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	PX	mg/kg	0.00200	1	08/09/06 10:46	SW846 8260B	6081004
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	08/09/06 10:46	SW846 8260B	6081004
Ethylbenzene	ND	PX	mg/kg	0.00200	1	08/09/06 10:46	SW846 8260B	6081004
Methyl tert-Butyl Ether	0.0387	PX	mg/kg	0.00200	1	08/09/06 10:46	SW846 8260B	6081004
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 10:46	SW846 8260B	6081004
Toluene	ND	PX	mg/kg	0.00200	1	08/09/06 10:46	SW846 8260B	6081004
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	08/09/06 10:46	SW846 8260B	6081004
1,2-Dichloroethane	ND	PX	mg/kg	0.00200	1	08/09/06 10:46	SW846 8260B	6081004
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 10:46	SW846 8260B	6081004
Xylenes, total	ND	PX	mg/kg	0.00500	1	08/09/06 10:46	SW846 8260B	6081004
1,2-Dibromoethane (EDB)	ND	PX	mg/kg	0.00200	1	08/09/06 10:46	SW846 8260B	6081004
Surr: 1,2-Dichloroethane-d4 (72-125%)	101 %					08/09/06 10:46	SW846 8260B	6081004
Surr: Dibromofluoromethane (73-124%)	101 %					08/09/06 10:46	SW846 8260B	6081004
Surr: Toluene-d8 (80-124%)	111 %					08/09/06 10:46	SW846 8260B	6081004
Surr: 4-Bromofluorobenzene (25-185%)	103 %					08/09/06 10:46	SW846 8260B	6081004

Purgeable Petroleum Hydrocarbons

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPH0311-20 (MW-5-15 - Soil) - cont. Sampled: 07/27/06 07:30								
Purgeable Petroleum Hydrocarbons - cont.								
Gasoline Range Organics	0.136	PX	mg/kg	0.100	1	08/09/06 10:46	CA LUFT GC/MS	6081004
Sample ID: NPH0311-21 (MW-5-20 - Soil) Sampled: 07/27/06 07:40								
General Chemistry Parameters								
% Dry Solids	83.2		%	0.500	1	08/11/06 09:15	SW-846	6081775
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	08/09/06 11:18	SW846 8260B	6081004
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	08/09/06 11:18	SW846 8260B	6081004
Ethylbenzene	ND	PX	mg/kg	0.00200	1	08/09/06 11:18	SW846 8260B	6081004
Methyl tert-Butyl Ether	0.112	PX	mg/kg	0.00200	1	08/09/06 11:18	SW846 8260B	6081004
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 11:18	SW846 8260B	6081004
Toluene	ND	PX	mg/kg	0.00200	1	08/09/06 11:18	SW846 8260B	6081004
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	08/09/06 11:18	SW846 8260B	6081004
1,2-Dichloroethane	ND	PX	mg/kg	0.00200	1	08/09/06 11:18	SW846 8260B	6081004
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	08/09/06 11:18	SW846 8260B	6081004
Xylenes, total	ND	PX	mg/kg	0.00500	1	08/09/06 11:18	SW846 8260B	6081004
1,2-Dibromoethane (EDB)	ND	PX	mg/kg	0.00200	1	08/09/06 11:18	SW846 8260B	6081004
Surr: 1,2-Dichloroethane-d4 (72-125%)	104 %					08/09/06 11:18	SW846 8260B	6081004
Surr: Dibromofluoromethane (73-124%)	104 %					08/09/06 11:18	SW846 8260B	6081004
Surr: Toluene-d8 (80-124%)	110 %					08/09/06 11:18	SW846 8260B	6081004
Surr: 4-Bromofluorobenzene (25-185%)	104 %					08/09/06 11:18	SW846 8260B	6081004
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	0.222	PX	mg/kg	0.100	1	08/09/06 11:18	CA LUFT GC/MS	6081004

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Purgeable Petroleum Hydrocarbons							
CA LUFT GC/MS	6081406	NPH0311-01	5.00	5.00	08/04/06 09:00	SNN	EPA 5035
CA LUFT GC/MS	6081406	NPH0311-02	5.00	5.00	08/04/06 09:16	SNN	EPA 5035
CA LUFT GC/MS	6081406	NPH0311-03	5.00	5.00	08/04/06 09:19	SNN	EPA 5035
CA LUFT GC/MS	6081406	NPH0311-04	5.00	5.00	08/04/06 09:21	SNN	EPA 5035
CA LUFT GC/MS	6081406	NPH0311-06	5.00	5.00	08/04/06 09:27	SNN	EPA 5035
CA LUFT GC/MS	6081406	NPH0311-07	5.00	5.00	08/04/06 09:30	SNN	EPA 5035
CA LUFT GC/MS	6081406	NPH0311-08	5.00	5.00	08/04/06 09:33	SNN	EPA 5035
CA LUFT GC/MS	6081406	NPH0311-09	5.00	5.00	08/04/06 09:37	SNN	EPA 5035
CA LUFT GC/MS	6081004	NPH0311-10	5.00	5.00	08/04/06 09:40	SNN	EPA 5035
CA LUFT GC/MS	6081004	NPH0311-11	5.00	5.00	08/04/06 09:43	SNN	EPA 5035
CA LUFT GC/MS	6081004	NPH0311-12	5.00	5.00	08/04/06 09:48	SNN	EPA 5035
CA LUFT GC/MS	6081004	NPH0311-13	5.00	5.00	08/04/06 09:51	SNN	EPA 5035
CA LUFT GC/MS	6081004	NPH0311-14	5.00	5.00	08/04/06 09:57	SNN	EPA 5035
CA LUFT GC/MS	6081468	NPH0311-14RE1	5.00	5.00	08/04/06 09:57	SNN	EPA 5035
CA LUFT GC/MS	6081004	NPH0311-15	5.00	5.00	08/04/06 10:26	SNN	EPA 5035
CA LUFT GC/MS	6081533	NPH0311-15RE1	5.00	5.00	08/04/06 10:26	SNN	EPA 5035
CA LUFT GC/MS	6081004	NPH0311-16	5.00	5.00	08/04/06 10:32	SNN	EPA 5035
CA LUFT GC/MS	6081004	NPH0311-18	5.00	5.00	08/04/06 10:36	SNN	EPA 5035
CA LUFT GC/MS	6081004	NPH0311-19	5.00	5.00	08/04/06 10:42	SNN	EPA 5035
CA LUFT GC/MS	6081004	NPH0311-20	5.00	5.00	08/04/06 10:45	SNN	EPA 5035
CA LUFT GC/MS	6081004	NPH0311-21	5.00	5.00	08/04/06 10:48	SNN	EPA 5035
Selected Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	6081406	NPH0311-01	5.00	5.00	08/04/06 09:00	SNN	EPA 5035
SW846 8260B	6081406	NPH0311-02	5.00	5.00	08/04/06 09:16	SNN	EPA 5035
SW846 8260B	6081406	NPH0311-03	5.00	5.00	08/04/06 09:19	SNN	EPA 5035
SW846 8260B	6081406	NPH0311-04	5.00	5.00	08/04/06 09:21	SNN	EPA 5035
SW846 8260B	6081406	NPH0311-06	5.00	5.00	08/04/06 09:27	SNN	EPA 5035
SW846 8260B	6081406	NPH0311-07	5.00	5.00	08/04/06 09:30	SNN	EPA 5035
SW846 8260B	6081406	NPH0311-08	5.00	5.00	08/04/06 09:33	SNN	EPA 5035
SW846 8260B	6081406	NPH0311-09	5.00	5.00	08/04/06 09:37	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-10	5.00	5.00	08/04/06 09:40	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-11	5.00	5.00	08/04/06 09:43	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-12	5.00	5.00	08/04/06 09:48	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-13	5.00	5.00	08/04/06 09:51	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-14	5.00	5.00	08/04/06 09:57	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-15	5.00	5.00	08/04/06 10:26	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-16	5.00	5.00	08/04/06 10:32	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-18	5.00	5.00	08/04/06 10:36	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-19	5.00	5.00	08/04/06 10:42	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-20	5.00	5.00	08/04/06 10:45	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-21	5.00	5.00	08/04/06 10:48	SNN	EPA 5035
Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	6081406	NPH0311-01	5.00	5.00	08/04/06 09:00	SNN	EPA 5035
SW846 8260B	6081406	NPH0311-02	5.00	5.00	08/04/06 09:16	SNN	EPA 5035

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8260B	6081406	NPH0311-03	5.00	5.00	08/04/06 09:19	SNN	EPA 5035
SW846 8260B	6081406	NPH0311-04	5.00	5.00	08/04/06 09:21	SNN	EPA 5035
SW846 8260B	6081406	NPH0311-06	5.00	5.00	08/04/06 09:27	SNN	EPA 5035
SW846 8260B	6081406	NPH0311-07	5.00	5.00	08/04/06 09:30	SNN	EPA 5035
SW846 8260B	6081406	NPH0311-08	5.00	5.00	08/04/06 09:33	SNN	EPA 5035
SW846 8260B	6081406	NPH0311-09	5.00	5.00	08/04/06 09:37	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-10	5.00	5.00	08/04/06 09:40	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-11	5.00	5.00	08/04/06 09:43	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-12	5.00	5.00	08/04/06 09:48	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-13	5.00	5.00	08/04/06 09:51	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-14	5.00	5.00	08/04/06 09:57	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-15	5.00	5.00	08/04/06 10:26	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-16	5.00	5.00	08/04/06 10:32	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-18	5.00	5.00	08/04/06 10:36	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-19	5.00	5.00	08/04/06 10:42	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-20	5.00	5.00	08/04/06 10:45	SNN	EPA 5035
SW846 8260B	6081004	NPH0311-21	5.00	5.00	08/04/06 10:48	SNN	EPA 5035

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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Selected Volatile Organic Compounds by EPA Method 8260B

6081004-BLK1

Benzene	<0.000500		mg/kg	6081004	6081004-BLK1	08/09/06 05:27
Tertiary Butyl Alcohol	<0.0178		mg/kg	6081004	6081004-BLK1	08/09/06 05:27
Ethylbenzene	<0.000500		mg/kg	6081004	6081004-BLK1	08/09/06 05:27
Methyl tert-Butyl Ether	<0.000880		mg/kg	6081004	6081004-BLK1	08/09/06 05:27
Diisopropyl Ether	<0.000640		mg/kg	6081004	6081004-BLK1	08/09/06 05:27
Toluene	<0.000970		mg/kg	6081004	6081004-BLK1	08/09/06 05:27
Ethyl tert-Butyl Ether	<0.000520		mg/kg	6081004	6081004-BLK1	08/09/06 05:27
1,2-Dichloroethane	<0.000670		mg/kg	6081004	6081004-BLK1	08/09/06 05:27
Tert-Amyl Methyl Ether	<0.000670		mg/kg	6081004	6081004-BLK1	08/09/06 05:27
Xylenes, total	<0.00148		mg/kg	6081004	6081004-BLK1	08/09/06 05:27
1,2-Dibromoethane (EDB)	<0.000920		mg/kg	6081004	6081004-BLK1	08/09/06 05:27
Surrogate: 1,2-Dichloroethane-d4	108%			6081004	6081004-BLK1	08/09/06 05:27
Surrogate: 1,2-Dichloroethane-d4	108%			6081004	6081004-BLK1	08/09/06 05:27
Surrogate: Dibromofluoromethane	104%			6081004	6081004-BLK1	08/09/06 05:27
Surrogate: Dibromofluoromethane	104%			6081004	6081004-BLK1	08/09/06 05:27
Surrogate: Toluene-d8	110%			6081004	6081004-BLK1	08/09/06 05:27
Surrogate: Toluene-d8	110%			6081004	6081004-BLK1	08/09/06 05:27
Surrogate: 4-Bromofluorobenzene	104%			6081004	6081004-BLK1	08/09/06 05:27
Surrogate: 4-Bromofluorobenzene	104%			6081004	6081004-BLK1	08/09/06 05:27

6081406-BLK1

Benzene	<0.000500		mg/kg	6081406	6081406-BLK1	08/08/06 17:11
Tertiary Butyl Alcohol	<0.0178		mg/kg	6081406	6081406-BLK1	08/08/06 17:11
Ethylbenzene	<0.000500		mg/kg	6081406	6081406-BLK1	08/08/06 17:11
Methyl tert-Butyl Ether	<0.000880		mg/kg	6081406	6081406-BLK1	08/08/06 17:11
Diisopropyl Ether	<0.000640		mg/kg	6081406	6081406-BLK1	08/08/06 17:11
Toluene	<0.000970		mg/kg	6081406	6081406-BLK1	08/08/06 17:11
Ethyl tert-Butyl Ether	<0.000520		mg/kg	6081406	6081406-BLK1	08/08/06 17:11
1,2-Dichloroethane	<0.000670		mg/kg	6081406	6081406-BLK1	08/08/06 17:11
Tert-Amyl Methyl Ether	<0.000670		mg/kg	6081406	6081406-BLK1	08/08/06 17:11
Xylenes, total	<0.00148		mg/kg	6081406	6081406-BLK1	08/08/06 17:11
1,2-Dibromoethane (EDB)	<0.000920		mg/kg	6081406	6081406-BLK1	08/08/06 17:11
Surrogate: 1,2-Dichloroethane-d4	102%			6081406	6081406-BLK1	08/08/06 17:11
Surrogate: 1,2-Dichloroethane-d4	102%			6081406	6081406-BLK1	08/08/06 17:11
Surrogate: Dibromofluoromethane	95%			6081406	6081406-BLK1	08/08/06 17:11
Surrogate: Dibromofluoromethane	95%			6081406	6081406-BLK1	08/08/06 17:11
Surrogate: Toluene-d8	111%			6081406	6081406-BLK1	08/08/06 17:11
Surrogate: Toluene-d8	111%			6081406	6081406-BLK1	08/08/06 17:11
Surrogate: 4-Bromofluorobenzene	107%			6081406	6081406-BLK1	08/08/06 17:11
Surrogate: 4-Bromofluorobenzene	107%			6081406	6081406-BLK1	08/08/06 17:11

6081748-BLK1

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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Volatile Organic Compounds by EPA Method 8260B

6081748-BLK1

Tert-Amyl Methyl Ether	<0.200		ug/L	6081748	6081748-BLK1	08/11/06 11:43
1,2-Dibromoethane (EDB)	<0.250		ug/L	6081748	6081748-BLK1	08/11/06 11:43
Benzene	<0.200		ug/L	6081748	6081748-BLK1	08/11/06 11:43
1,2-Dichloroethane	<0.390		ug/L	6081748	6081748-BLK1	08/11/06 11:43
Ethylbenzene	<0.200		ug/L	6081748	6081748-BLK1	08/11/06 11:43
Toluene	<0.200		ug/L	6081748	6081748-BLK1	08/11/06 11:43
Ethyl tert-Butyl Ether	<0.200		ug/L	6081748	6081748-BLK1	08/11/06 11:43
Diisopropyl Ether	<0.200		ug/L	6081748	6081748-BLK1	08/11/06 11:43
Methyl tert-Butyl Ether	<0.200		ug/L	6081748	6081748-BLK1	08/11/06 11:43
Xylenes, total	<0.350		ug/L	6081748	6081748-BLK1	08/11/06 11:43
Tertiary Butyl Alcohol	<5.06		ug/L	6081748	6081748-BLK1	08/11/06 11:43
Surrogate: 1,2-Dichloroethane-d4	96%			6081748	6081748-BLK1	08/11/06 11:43
Surrogate: 1,2-Dichloroethane-d4	96%			6081748	6081748-BLK1	08/11/06 11:43
Surrogate: Dibromofluoromethane	94%			6081748	6081748-BLK1	08/11/06 11:43
Surrogate: Dibromofluoromethane	94%			6081748	6081748-BLK1	08/11/06 11:43
Surrogate: Toluene-d8	88%			6081748	6081748-BLK1	08/11/06 11:43
Surrogate: Toluene-d8	88%			6081748	6081748-BLK1	08/11/06 11:43
Surrogate: 4-Bromofluorobenzene	99%			6081748	6081748-BLK1	08/11/06 11:43
Surrogate: 4-Bromofluorobenzene	99%			6081748	6081748-BLK1	08/11/06 11:43

Purgeable Petroleum Hydrocarbons

6081004-BLK1

Gasoline Range Organics	<0.0500		mg/kg	6081004	6081004-BLK1	08/09/06 05:27
Surrogate: 1,2-Dichloroethane-d4	108%			6081004	6081004-BLK1	08/09/06 05:27
Surrogate: Dibromofluoromethane	104%			6081004	6081004-BLK1	08/09/06 05:27
Surrogate: Toluene-d8	110%			6081004	6081004-BLK1	08/09/06 05:27
Surrogate: 4-Bromofluorobenzene	104%			6081004	6081004-BLK1	08/09/06 05:27

6081406-BLK1

Gasoline Range Organics	<0.0500		mg/kg	6081406	6081406-BLK1	08/08/06 17:11
Surrogate: 1,2-Dichloroethane-d4	102%			6081406	6081406-BLK1	08/08/06 17:11
Surrogate: Dibromofluoromethane	95%			6081406	6081406-BLK1	08/08/06 17:11
Surrogate: Toluene-d8	111%			6081406	6081406-BLK1	08/08/06 17:11
Surrogate: 4-Bromofluorobenzene	107%			6081406	6081406-BLK1	08/08/06 17:11

6081468-BLK1

Gasoline Range Organics	<0.0500		mg/kg	6081468	6081468-BLK1	08/11/06 20:55
Surrogate: 1,2-Dichloroethane-d4	89%			6081468	6081468-BLK1	08/11/06 20:55
Surrogate: Dibromofluoromethane	95%			6081468	6081468-BLK1	08/11/06 20:55
Surrogate: Toluene-d8	92%			6081468	6081468-BLK1	08/11/06 20:55
Surrogate: 4-Bromofluorobenzene	96%			6081468	6081468-BLK1	08/11/06 20:55

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons						
6081533-BLK1						
Gasoline Range Organics	<0.0500		mg/kg	6081533	6081533-BLK1	08/10/06 19:53
Surrogate: 1,2-Dichloroethane-d4	102%			6081533	6081533-BLK1	08/10/06 19:53
Surrogate: Dibromofluoromethane	98%			6081533	6081533-BLK1	08/10/06 19:53
Surrogate: Toluene-d8	116%			6081533	6081533-BLK1	08/10/06 19:53
Surrogate: 4-Bromofluorobenzene	103%			6081533	6081533-BLK1	08/10/06 19:53
6081748-BLK1						
Gasoline Range Organics	<50.0		ug/L	6081748	6081748-BLK1	08/11/06 11:43
Surrogate: 1,2-Dichloroethane-d4	96%			6081748	6081748-BLK1	08/11/06 11:43
Surrogate: Dibromofluoromethane	94%			6081748	6081748-BLK1	08/11/06 11:43
Surrogate: Toluene-d8	88%			6081748	6081748-BLK1	08/11/06 11:43
Surrogate: 4-Bromofluorobenzene	99%			6081748	6081748-BLK1	08/11/06 11:43

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
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Selected Volatile Organic Compounds by EPA Method 8260B

6081004-BS1

Benzene	0.0500	0.0465		mg/kg	93%	76 - 123	6081004	08/09/06 04:55
Tertiary Butyl Alcohol	0.500	0.404		mg/kg	81%	38 - 150	6081004	08/09/06 04:55
Ethylbenzene	0.0500	0.0467		mg/kg	93%	77 - 125	6081004	08/09/06 04:55
Methyl tert-Butyl Ether	0.0500	0.0442		mg/kg	88%	63 - 140	6081004	08/09/06 04:55
Diisopropyl Ether	0.0500	0.0459		mg/kg	92%	68 - 133	6081004	08/09/06 04:55
Toluene	0.0500	0.0461		mg/kg	92%	79 - 122	6081004	08/09/06 04:55
Ethyl tert-Butyl Ether	0.0500	0.0468		mg/kg	94%	64 - 138	6081004	08/09/06 04:55
1,2-Dichloroethane	0.0500	0.0474		mg/kg	95%	67 - 131	6081004	08/09/06 04:55
Tert-Amyl Methyl Ether	0.0500	0.0462		mg/kg	92%	59 - 142	6081004	08/09/06 04:55
Xylenes, total	0.150	0.140		mg/kg	93%	76 - 126	6081004	08/09/06 04:55
1,2-Dibromoethane (EDB)	0.0500	0.0462		mg/kg	92%	54 - 147	6081004	08/09/06 04:55
Surrogate: 1,2-Dichloroethane-d4	50.0	52.6			105%	72 - 125	6081004	08/09/06 04:55
Surrogate: 1,2-Dichloroethane-d4	50.0	52.6			105%	72 - 125	6081004	08/09/06 04:55
Surrogate: Dibromofluoromethane	50.0	52.2			104%	73 - 124	6081004	08/09/06 04:55
Surrogate: Dibromofluoromethane	50.0	52.2			104%	73 - 124	6081004	08/09/06 04:55
Surrogate: Toluene-d8	50.0	55.7			111%	80 - 124	6081004	08/09/06 04:55
Surrogate: Toluene-d8	50.0	55.7			111%	80 - 124	6081004	08/09/06 04:55
Surrogate: 4-Bromofluorobenzene	50.0	53.4			107%	25 - 185	6081004	08/09/06 04:55
Surrogate: 4-Bromofluorobenzene	50.0	53.4			107%	25 - 185	6081004	08/09/06 04:55

6081406-BS1

Benzene	0.0500	0.0555		mg/kg	111%	76 - 123	6081406	08/08/06 16:07
Tertiary Butyl Alcohol	0.500	0.483		mg/kg	97%	38 - 150	6081406	08/08/06 16:07
Ethylbenzene	0.0500	0.0587		mg/kg	117%	77 - 125	6081406	08/08/06 16:07
Methyl tert-Butyl Ether	0.0500	0.0501		mg/kg	100%	63 - 140	6081406	08/08/06 16:07
Diisopropyl Ether	0.0500	0.0527		mg/kg	105%	68 - 133	6081406	08/08/06 16:07
Toluene	0.0500	0.0576		mg/kg	115%	79 - 122	6081406	08/08/06 16:07
Ethyl tert-Butyl Ether	0.0500	0.0536		mg/kg	107%	64 - 138	6081406	08/08/06 16:07
1,2-Dichloroethane	0.0500	0.0530		mg/kg	106%	67 - 131	6081406	08/08/06 16:07
Tert-Amyl Methyl Ether	0.0500	0.0538		mg/kg	108%	59 - 142	6081406	08/08/06 16:07
Xylenes, total	0.150	0.176		mg/kg	117%	76 - 126	6081406	08/08/06 16:07
1,2-Dibromoethane (EDB)	0.0500	0.0578		mg/kg	116%	54 - 147	6081406	08/08/06 16:07
Surrogate: 1,2-Dichloroethane-d4	50.0	49.9			100%	72 - 125	6081406	08/08/06 16:07
Surrogate: 1,2-Dichloroethane-d4	50.0	49.9			100%	72 - 125	6081406	08/08/06 16:07
Surrogate: Dibromofluoromethane	50.0	49.0			98%	73 - 124	6081406	08/08/06 16:07
Surrogate: Dibromofluoromethane	50.0	49.0			98%	73 - 124	6081406	08/08/06 16:07
Surrogate: Toluene-d8	50.0	55.7			111%	80 - 124	6081406	08/08/06 16:07
Surrogate: Toluene-d8	50.0	55.7			111%	80 - 124	6081406	08/08/06 16:07
Surrogate: 4-Bromofluorobenzene	50.0	52.9			106%	25 - 185	6081406	08/08/06 16:07
Surrogate: 4-Bromofluorobenzene	50.0	52.9			106%	25 - 185	6081406	08/08/06 16:07

6081748-BS1

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6081748-BS1								
Tert-Amyl Methyl Ether	50.0	46.8		ug/L	94%	56 - 145	6081748	08/11/06 10:47
1,2-Dibromoethane (EDB)	50.0	46.6		ug/L	93%	75 - 128	6081748	08/11/06 10:47
Benzene	50.0	50.8		ug/L	102%	79 - 123	6081748	08/11/06 10:47
1,2-Dichloroethane	50.0	53.1		ug/L	106%	74 - 131	6081748	08/11/06 10:47
Ethylbenzene	50.0	51.5		ug/L	103%	79 - 125	6081748	08/11/06 10:47
Toluene	50.0	48.2		ug/L	96%	78 - 122	6081748	08/11/06 10:47
Ethyl tert-Butyl Ether	50.0	46.2		ug/L	92%	64 - 141	6081748	08/11/06 10:47
Diisopropyl Ether	50.0	48.2		ug/L	96%	73 - 135	6081748	08/11/06 10:47
Methyl tert-Butyl Ether	50.0	47.0		ug/L	94%	66 - 142	6081748	08/11/06 10:47
Xylenes, total	150	164		ug/L	109%	79 - 130	6081748	08/11/06 10:47
Tertiary Butyl Alcohol	500	481		ug/L	96%	42 - 154	6081748	08/11/06 10:47
Surrogate: 1,2-Dichloroethane-d4	50.0	45.2			90%	70 - 130	6081748	08/11/06 10:47
Surrogate: 1,2-Dichloroethane-d4	50.0	45.2			90%	70 - 130	6081748	08/11/06 10:47
Surrogate: Dibromofluoromethane	50.0	45.3			91%	79 - 122	6081748	08/11/06 10:47
Surrogate: Dibromofluoromethane	50.0	45.3			91%	79 - 122	6081748	08/11/06 10:47
Surrogate: Toluene-d8	50.0	47.4			95%	78 - 121	6081748	08/11/06 10:47
Surrogate: Toluene-d8	50.0	47.4			95%	78 - 121	6081748	08/11/06 10:47
Surrogate: 4-Bromofluorobenzene	50.0	46.6			93%	78 - 126	6081748	08/11/06 10:47
Surrogate: 4-Bromofluorobenzene	50.0	46.6			93%	78 - 126	6081748	08/11/06 10:47
Purgeable Petroleum Hydrocarbons								
6081004-BS1								
Gasoline Range Organics	3.05	2.57		mg/kg	84%	67 - 130	6081004	08/09/06 04:55
Surrogate: 1,2-Dichloroethane-d4	50.0	52.6			105%	0 - 200	6081004	08/09/06 04:55
Surrogate: Dibromofluoromethane	50.0	52.2			104%	0 - 200	6081004	08/09/06 04:55
Surrogate: Toluene-d8	50.0	55.7			111%	0 - 200	6081004	08/09/06 04:55
Surrogate: 4-Bromofluorobenzene	50.0	53.4			107%	0 - 200	6081004	08/09/06 04:55
6081406-BS1								
Gasoline Range Organics	3.05	3.23		mg/kg	106%	67 - 130	6081406	08/08/06 16:07
Surrogate: 1,2-Dichloroethane-d4	50.0	49.9			100%	0 - 200	6081406	08/08/06 16:07
Surrogate: Dibromofluoromethane	50.0	49.0			98%	0 - 200	6081406	08/08/06 16:07
Surrogate: Toluene-d8	50.0	55.7			111%	0 - 200	6081406	08/08/06 16:07
Surrogate: 4-Bromofluorobenzene	50.0	52.9			106%	0 - 200	6081406	08/08/06 16:07
6081468-BS1								
Gasoline Range Organics	3.05	2.90		mg/kg	95%	67 - 130	6081468	08/11/06 18:14
Surrogate: 1,2-Dichloroethane-d4	50.0	46.5			93%	0 - 200	6081468	08/11/06 18:14
Surrogate: Dibromofluoromethane	50.0	46.5			93%	0 - 200	6081468	08/11/06 18:14
Surrogate: Toluene-d8	50.0	47.6			95%	0 - 200	6081468	08/11/06 18:14
Surrogate: 4-Bromofluorobenzene	50.0	48.1			96%	0 - 200	6081468	08/11/06 18:14

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons								
6081533-BS1								
Gasoline Range Organics	3.05	3.21		mg/kg	105%	67 - 130	6081533	08/10/06 18:49
Surrogate: 1,2-Dichloroethane-d4	50.0	48.0			96%	0 - 200	6081533	08/10/06 18:49
Surrogate: Dibromofluoromethane	50.0	47.0			94%	0 - 200	6081533	08/10/06 18:49
Surrogate: Toluene-d8	50.0	59.5			119%	0 - 200	6081533	08/10/06 18:49
Surrogate: 4-Bromofluorobenzene	50.0	53.6			107%	0 - 200	6081533	08/10/06 18:49
6081748-BS1								
Gasoline Range Organics	3050	2830		ug/L	93%	67 - 130	6081748	08/11/06 10:47
Surrogate: 1,2-Dichloroethane-d4	50.0	45.2			90%	70 - 130	6081748	08/11/06 10:47
Surrogate: Dibromofluoromethane	50.0	45.3			91%	70 - 130	6081748	08/11/06 10:47
Surrogate: Toluene-d8	50.0	47.4			95%	70 - 130	6081748	08/11/06 10:47
Surrogate: 4-Bromofluorobenzene	50.0	46.6			93%	70 - 130	6081748	08/11/06 10:47

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
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Selected Volatile Organic Compounds by EPA Method 8260B

6081004-BSD1

Benzene		0.0547		mg/kg	0.0500	109%	76 - 123	16	34	6081004		08/09/06 15:02
Tertiary Butyl Alcohol		0.485		mg/kg	0.500	97%	38 - 150	18	45	6081004		08/09/06 15:02
Ethylbenzene		0.0568		mg/kg	0.0500	114%	77 - 125	20	44	6081004		08/09/06 15:02
Methyl tert-Butyl Ether		0.0496		mg/kg	0.0500	99%	63 - 140	12	39	6081004		08/09/06 15:02
Diisopropyl Ether		0.0499		mg/kg	0.0500	100%	68 - 133	8	41	6081004		08/09/06 15:02
Toluene		0.0562		mg/kg	0.0500	112%	79 - 122	20	41	6081004		08/09/06 15:02
Ethyl tert-Butyl Ether		0.0506		mg/kg	0.0500	101%	64 - 138	8	37	6081004		08/09/06 15:02
1,2-Dichloroethane		0.0514		mg/kg	0.0500	103%	67 - 131	8	33	6081004		08/09/06 15:02
Tert-Amyl Methyl Ether		0.0523		mg/kg	0.0500	105%	59 - 142	12	39	6081004		08/09/06 15:02
Xylenes, total		0.171		mg/kg	0.150	114%	76 - 126	20	44	6081004		08/09/06 15:02
1,2-Dibromoethane (EDB)		0.0579		mg/kg	0.0500	116%	54 - 147	22	38	6081004		08/09/06 15:02
Surrogate: 1,2-Dichloroethane-d4		48.7		ug/kg	50.0	97%	72 - 125			6081004		08/09/06 15:02
Surrogate: 1,2-Dichloroethane-d4		48.7		ug/kg	50.0	97%	72 - 125			6081004		08/09/06 15:02
Surrogate: Dibromofluoromethane		46.4		ug/kg	50.0	93%	73 - 124			6081004		08/09/06 15:02
Surrogate: Dibromofluoromethane		46.4		ug/kg	50.0	93%	73 - 124			6081004		08/09/06 15:02
Surrogate: Toluene-d8		55.4		ug/kg	50.0	111%	80 - 124			6081004		08/09/06 15:02
Surrogate: Toluene-d8		55.4		ug/kg	50.0	111%	80 - 124			6081004		08/09/06 15:02
Surrogate: 4-Bromofluorobenzene		52.2		ug/kg	50.0	104%	25 - 185			6081004		08/09/06 15:02
Surrogate: 4-Bromofluorobenzene		52.2		ug/kg	50.0	104%	25 - 185			6081004		08/09/06 15:02

6081406-BSD1

Benzene		0.0553		mg/kg	0.0500	111%	76 - 123	0.4	34	6081406		08/08/06 16:39
Tertiary Butyl Alcohol		0.499		mg/kg	0.500	100%	38 - 150	3	45	6081406		08/08/06 16:39
Ethylbenzene		0.0603		mg/kg	0.0500	121%	77 - 125	3	44	6081406		08/08/06 16:39
Methyl tert-Butyl Ether		0.0514		mg/kg	0.0500	103%	63 - 140	3	39	6081406		08/08/06 16:39
Diisopropyl Ether		0.0508		mg/kg	0.0500	102%	68 - 133	4	41	6081406		08/08/06 16:39
Toluene		0.0583		mg/kg	0.0500	117%	79 - 122	1	41	6081406		08/08/06 16:39
Ethyl tert-Butyl Ether		0.0533		mg/kg	0.0500	107%	64 - 138	0.6	37	6081406		08/08/06 16:39
1,2-Dichloroethane		0.0537		mg/kg	0.0500	107%	67 - 131	1	33	6081406		08/08/06 16:39
Tert-Amyl Methyl Ether		0.0567		mg/kg	0.0500	113%	59 - 142	5	39	6081406		08/08/06 16:39
Xylenes, total		0.183		mg/kg	0.150	122%	76 - 126	4	44	6081406		08/08/06 16:39
1,2-Dibromoethane (EDB)		0.0594		mg/kg	0.0500	119%	54 - 147	3	38	6081406		08/08/06 16:39
Surrogate: 1,2-Dichloroethane-d4		51.6		ug/kg	50.0	103%	72 - 125			6081406		08/08/06 16:39
Surrogate: 1,2-Dichloroethane-d4		51.6		ug/kg	50.0	103%	72 - 125			6081406		08/08/06 16:39
Surrogate: Dibromofluoromethane		48.5		ug/kg	50.0	97%	73 - 124			6081406		08/08/06 16:39
Surrogate: Dibromofluoromethane		48.5		ug/kg	50.0	97%	73 - 124			6081406		08/08/06 16:39
Surrogate: Toluene-d8		56.1		ug/kg	50.0	112%	80 - 124			6081406		08/08/06 16:39
Surrogate: Toluene-d8		56.1		ug/kg	50.0	112%	80 - 124			6081406		08/08/06 16:39
Surrogate: 4-Bromofluorobenzene		53.0		ug/kg	50.0	106%	25 - 185			6081406		08/08/06 16:39
Surrogate: 4-Bromofluorobenzene		53.0		ug/kg	50.0	106%	25 - 185			6081406		08/08/06 16:39

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons												
6081004-BSD1												
Gasoline Range Organics		2.91		mg/kg	3.05	95%	67 - 130	12	40	6081004		08/09/06 15:02
Surrogate: 1,2-Dichloroethane-d4		48.7		ug/kg	50.0	97%	0 - 200			6081004		08/09/06 15:02
Surrogate: Dibromofluoromethane		46.4		ug/kg	50.0	93%	0 - 200			6081004		08/09/06 15:02
Surrogate: Toluene-d8		55.4		ug/kg	50.0	111%	0 - 200			6081004		08/09/06 15:02
Surrogate: 4-Bromofluorobenzene		52.2		ug/kg	50.0	104%	0 - 200			6081004		08/09/06 15:02
6081406-BSD1												
Gasoline Range Organics		3.28		mg/kg	3.05	108%	67 - 130	2	40	6081406		08/08/06 16:39
Surrogate: 1,2-Dichloroethane-d4		51.6		ug/kg	50.0	103%	0 - 200			6081406		08/08/06 16:39
Surrogate: Dibromofluoromethane		48.5		ug/kg	50.0	97%	0 - 200			6081406		08/08/06 16:39
Surrogate: Toluene-d8		56.1		ug/kg	50.0	112%	0 - 200			6081406		08/08/06 16:39
Surrogate: 4-Bromofluorobenzene		53.0		ug/kg	50.0	106%	0 - 200			6081406		08/08/06 16:39
6081533-BSD1												
Gasoline Range Organics		3.35		mg/kg	3.05	110%	67 - 130	4	40	6081533		08/10/06 19:21
Surrogate: 1,2-Dichloroethane-d4		48.6		ug/kg	50.0	97%	0 - 200			6081533		08/10/06 19:21
Surrogate: Dibromofluoromethane		48.0		ug/kg	50.0	96%	0 - 200			6081533		08/10/06 19:21
Surrogate: Toluene-d8		58.8		ug/kg	50.0	118%	0 - 200			6081533		08/10/06 19:21
Surrogate: 4-Bromofluorobenzene		52.5		ug/kg	50.0	105%	0 - 200			6081533		08/10/06 19:21

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B										
6081004-MS1										
Benzene	ND	0.0471		mg/kg	0.0500	94%	48 - 138	6081004	NPH0311-21	08/09/06 15:34
Tertiary Butyl Alcohol	ND	0.466		mg/kg	0.500	93%	16 - 179	6081004	NPH0311-21	08/09/06 15:34
Ethylbenzene	ND	0.0486		mg/kg	0.0500	97%	19 - 146	6081004	NPH0311-21	08/09/06 15:34
Methyl tert-Butyl Ether	0.112	0.148		mg/kg	0.0500	72%	47 - 148	6081004	NPH0311-21	08/09/06 15:34
Diisopropyl Ether	ND	0.0423		mg/kg	0.0500	85%	50 - 143	6081004	NPH0311-21	08/09/06 15:34
Toluene	ND	0.0481		mg/kg	0.0500	96%	40 - 143	6081004	NPH0311-21	08/09/06 15:34
Ethyl tert-Butyl Ether	ND	0.0429		mg/kg	0.0500	86%	48 - 145	6081004	NPH0311-21	08/09/06 15:34
1,2-Dichloroethane	ND	0.0438		mg/kg	0.0500	88%	45 - 143	6081004	NPH0311-21	08/09/06 15:34
Tert-Amyl Methyl Ether	ND	0.0453		mg/kg	0.0500	91%	43 - 150	6081004	NPH0311-21	08/09/06 15:34
Xylenes, total	ND	0.146		mg/kg	0.150	97%	19 - 143	6081004	NPH0311-21	08/09/06 15:34
1,2-Dibromoethane (EDB)	ND	0.0494		mg/kg	0.0500	99%	47 - 147	6081004	NPH0311-21	08/09/06 15:34
<i>Surrogate: 1,2-Dichloroethane-d4</i>		49.7		ug/kg	50.0	99%	72 - 125	6081004	NPH0311-21	08/09/06 15:34
<i>Surrogate: 1,2-Dichloroethane-d4</i>		49.7		ug/kg	50.0	99%	72 - 125	6081004	NPH0311-21	08/09/06 15:34
<i>Surrogate: Dibromofluoromethane</i>		47.7		ug/kg	50.0	95%	73 - 124	6081004	NPH0311-21	08/09/06 15:34
<i>Surrogate: Dibromofluoromethane</i>		47.7		ug/kg	50.0	95%	73 - 124	6081004	NPH0311-21	08/09/06 15:34
<i>Surrogate: Toluene-d8</i>		56.3		ug/kg	50.0	113%	80 - 124	6081004	NPH0311-21	08/09/06 15:34
<i>Surrogate: Toluene-d8</i>		56.3		ug/kg	50.0	113%	80 - 124	6081004	NPH0311-21	08/09/06 15:34
<i>Surrogate: 4-Bromofluorobenzene</i>		52.4		ug/kg	50.0	105%	25 - 185	6081004	NPH0311-21	08/09/06 15:34
<i>Surrogate: 4-Bromofluorobenzene</i>		52.4		ug/kg	50.0	105%	25 - 185	6081004	NPH0311-21	08/09/06 15:34
6081406-MS1										
Benzene	ND	0.0528		mg/kg	0.0500	106%	48 - 138	6081406	NPH0838-01	08/09/06 02:15
Tertiary Butyl Alcohol	ND	0.582		mg/kg	0.500	116%	16 - 179	6081406	NPH0838-01	08/09/06 02:15
Ethylbenzene	ND	0.0487		mg/kg	0.0500	97%	19 - 146	6081406	NPH0838-01	08/09/06 02:15
Methyl tert-Butyl Ether	0.00219	0.0634		mg/kg	0.0500	122%	47 - 148	6081406	NPH0838-01	08/09/06 02:15
Diisopropyl Ether	ND	0.0515		mg/kg	0.0500	103%	50 - 143	6081406	NPH0838-01	08/09/06 02:15
Toluene	ND	0.0514		mg/kg	0.0500	103%	40 - 143	6081406	NPH0838-01	08/09/06 02:15
Ethyl tert-Butyl Ether	ND	0.0528		mg/kg	0.0500	106%	48 - 145	6081406	NPH0838-01	08/09/06 02:15
1,2-Dichloroethane	ND	0.0540		mg/kg	0.0500	108%	45 - 143	6081406	NPH0838-01	08/09/06 02:15
Tert-Amyl Methyl Ether	ND	0.0503		mg/kg	0.0500	101%	43 - 150	6081406	NPH0838-01	08/09/06 02:15
Xylenes, total	ND	0.143		mg/kg	0.150	95%	19 - 143	6081406	NPH0838-01	08/09/06 02:15
1,2-Dibromoethane (EDB)	ND	0.0532		mg/kg	0.0500	106%	47 - 147	6081406	NPH0838-01	08/09/06 02:15
<i>Surrogate: 1,2-Dichloroethane-d4</i>		52.2		ug/kg	50.0	104%	72 - 125	6081406	NPH0838-01	08/09/06 02:15
<i>Surrogate: 1,2-Dichloroethane-d4</i>		52.2		ug/kg	50.0	104%	72 - 125	6081406	NPH0838-01	08/09/06 02:15
<i>Surrogate: Dibromofluoromethane</i>		52.8		ug/kg	50.0	106%	73 - 124	6081406	NPH0838-01	08/09/06 02:15
<i>Surrogate: Dibromofluoromethane</i>		52.8		ug/kg	50.0	106%	73 - 124	6081406	NPH0838-01	08/09/06 02:15
<i>Surrogate: Toluene-d8</i>		56.7		ug/kg	50.0	113%	80 - 124	6081406	NPH0838-01	08/09/06 02:15
<i>Surrogate: Toluene-d8</i>		56.7		ug/kg	50.0	113%	80 - 124	6081406	NPH0838-01	08/09/06 02:15

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6081406-MS1										
Surrogate: 4-Bromofluorobenzene		53.5		ug/kg	50.0	107%	25 - 185	6081406	NPH0838-01	08/09/06 02:15
Surrogate: 4-Bromofluorobenzene		53.5		ug/kg	50.0	107%	25 - 185	6081406	NPH0838-01	08/09/06 02:15
6081748-MS1										
Tert-Amyl Methyl Ether	ND	51.7		ug/L	50.0	103%	45 - 155	6081748	NPH0648-03	08/11/06 21:01
1,2-Dibromoethane (EDB)	ND	47.1		ug/L	50.0	94%	71 - 138	6081748	NPH0648-03	08/11/06 21:01
Benzene	8.38	65.6		ug/L	50.0	114%	71 - 137	6081748	NPH0648-03	08/11/06 21:01
1,2-Dichloroethane	ND	56.0		ug/L	50.0	112%	70 - 140	6081748	NPH0648-03	08/11/06 21:01
Ethylbenzene	1.79	54.4		ug/L	50.0	105%	72 - 139	6081748	NPH0648-03	08/11/06 21:01
Toluene	0.600	47.1		ug/L	50.0	93%	73 - 133	6081748	NPH0648-03	08/11/06 21:01
Ethyl tert-Butyl Ether	ND	52.4		ug/L	50.0	105%	57 - 148	6081748	NPH0648-03	08/11/06 21:01
Diisopropyl Ether	ND	52.6		ug/L	50.0	105%	67 - 143	6081748	NPH0648-03	08/11/06 21:01
Methyl tert-Butyl Ether	ND	52.0		ug/L	50.0	104%	55 - 152	6081748	NPH0648-03	08/11/06 21:01
Xylenes, total	ND	159		ug/L	150	106%	70 - 143	6081748	NPH0648-03	08/11/06 21:01
Tertiary Butyl Alcohol	ND	614		ug/L	500	123%	19 - 183	6081748	NPH0648-03	08/11/06 21:01
Surrogate: 1,2-Dichloroethane-d4		48.4		ug/L	50.0	97%	70 - 130	6081748	NPH0648-03	08/11/06 21:01
Surrogate: 1,2-Dichloroethane-d4		48.4		ug/L	50.0	97%	70 - 130	6081748	NPH0648-03	08/11/06 21:01
Surrogate: Dibromofluoromethane		49.3		ug/L	50.0	99%	79 - 122	6081748	NPH0648-03	08/11/06 21:01
Surrogate: Dibromofluoromethane		49.3		ug/L	50.0	99%	79 - 122	6081748	NPH0648-03	08/11/06 21:01
Surrogate: Toluene-d8		45.6		ug/L	50.0	91%	78 - 121	6081748	NPH0648-03	08/11/06 21:01
Surrogate: Toluene-d8		45.6		ug/L	50.0	91%	78 - 121	6081748	NPH0648-03	08/11/06 21:01
Surrogate: 4-Bromofluorobenzene		48.4		ug/L	50.0	97%	78 - 126	6081748	NPH0648-03	08/11/06 21:01
Surrogate: 4-Bromofluorobenzene		48.4		ug/L	50.0	97%	78 - 126	6081748	NPH0648-03	08/11/06 21:01
Purgeable Petroleum Hydrocarbons										
6081004-MS1										
Gasoline Range Organics	0.222	2.69		mg/kg	3.05	81%	60 - 140	6081004	NPH0311-21	08/09/06 15:34
Surrogate: 1,2-Dichloroethane-d4		49.7		ug/kg	50.0	99%	0 - 200	6081004	NPH0311-21	08/09/06 15:34
Surrogate: Dibromofluoromethane		47.7		ug/kg	50.0	95%	0 - 200	6081004	NPH0311-21	08/09/06 15:34
Surrogate: Toluene-d8		56.3		ug/kg	50.0	113%	0 - 200	6081004	NPH0311-21	08/09/06 15:34
Surrogate: 4-Bromofluorobenzene		52.4		ug/kg	50.0	105%	0 - 200	6081004	NPH0311-21	08/09/06 15:34
6081406-MS1										
Gasoline Range Organics	0.0889	2.84		mg/kg	3.05	90%	60 - 140	6081406	NPH0838-01	08/09/06 02:15
Surrogate: 1,2-Dichloroethane-d4		52.2		ug/kg	50.0	104%	0 - 200	6081406	NPH0838-01	08/09/06 02:15
Surrogate: Dibromofluoromethane		52.8		ug/kg	50.0	106%	0 - 200	6081406	NPH0838-01	08/09/06 02:15
Surrogate: Toluene-d8		56.7		ug/kg	50.0	113%	0 - 200	6081406	NPH0838-01	08/09/06 02:15
Surrogate: 4-Bromofluorobenzene		53.5		ug/kg	50.0	107%	0 - 200	6081406	NPH0838-01	08/09/06 02:15

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons										
6081468-MS1										
Gasoline Range Organics	ND	4.98	M7	mg/kg	3.05	163%	60 - 140	6081468	NPH1003-06	08/12/06 00:55
Surrogate: 1,2-Dichloroethane-d4		44.4		ug/kg	50.0	89%	0 - 200	6081468	NPH1003-06	08/12/06 00:55
Surrogate: Dibromofluoromethane		46.2		ug/kg	50.0	92%	0 - 200	6081468	NPH1003-06	08/12/06 00:55
Surrogate: Toluene-d8		51.8		ug/kg	50.0	104%	0 - 200	6081468	NPH1003-06	08/12/06 00:55
Surrogate: 4-Bromofluorobenzene		57.7		ug/kg	50.0	115%	0 - 200	6081468	NPH1003-06	08/12/06 00:55
6081748-MS1										
Gasoline Range Organics	1170	3790		ug/L	3050	86%	60 - 140	6081748	NPH0648-03	08/11/06 21:01
Surrogate: 1,2-Dichloroethane-d4		48.4		ug/L	50.0	97%	0 - 200	6081748	NPH0648-03	08/11/06 21:01
Surrogate: Dibromofluoromethane		49.3		ug/L	50.0	99%	0 - 200	6081748	NPH0648-03	08/11/06 21:01
Surrogate: Toluene-d8		45.6		ug/L	50.0	91%	0 - 200	6081748	NPH0648-03	08/11/06 21:01
Surrogate: 4-Bromofluorobenzene		48.4		ug/L	50.0	97%	0 - 200	6081748	NPH0648-03	08/11/06 21:01

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
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Selected Volatile Organic Compounds by EPA Method 8260B

6081004-MSD1

Benzene	ND	0.0490		mg/kg	0.0500	98%	48 - 138	4	34	6081004	NPH0311-21	08/09/06 16:06
Tertiary Butyl Alcohol	ND	0.450		mg/kg	0.500	90%	16 - 179	3	45	6081004	NPH0311-21	08/09/06 16:06
Ethylbenzene	ND	0.0500		mg/kg	0.0500	100%	19 - 146	3	44	6081004	NPH0311-21	08/09/06 16:06
Methyl tert-Butyl Ether	0.112	0.141		mg/kg	0.0500	58%	47 - 148	5	39	6081004	NPH0311-21	08/09/06 16:06
Diisopropyl Ether	ND	0.0449		mg/kg	0.0500	90%	50 - 143	6	41	6081004	NPH0311-21	08/09/06 16:06
Toluene	ND	0.0494		mg/kg	0.0500	99%	40 - 143	3	41	6081004	NPH0311-21	08/09/06 16:06
Ethyl tert-Butyl Ether	ND	0.0459		mg/kg	0.0500	92%	48 - 145	7	37	6081004	NPH0311-21	08/09/06 16:06
1,2-Dichloroethane	ND	0.0462		mg/kg	0.0500	92%	45 - 143	5	33	6081004	NPH0311-21	08/09/06 16:06
Tert-Amyl Methyl Ether	ND	0.0472		mg/kg	0.0500	94%	43 - 150	4	39	6081004	NPH0311-21	08/09/06 16:06
Xylenes, total	ND	0.150		mg/kg	0.150	100%	19 - 143	3	44	6081004	NPH0311-21	08/09/06 16:06
1,2-Dibromoethane (EDB)	ND	0.0503		mg/kg	0.0500	101%	47 - 147	2	38	6081004	NPH0311-21	08/09/06 16:06
<i>Surrogate: 1,2-Dichloroethane-d4</i>		49.3		ug/kg	50.0	99%	72 - 125			6081004	NPH0311-21	08/09/06 16:06
<i>Surrogate: 1,2-Dichloroethane-d4</i>		49.3		ug/kg	50.0	99%	72 - 125			6081004	NPH0311-21	08/09/06 16:06
<i>Surrogate: Dibromofluoromethane</i>		48.4		ug/kg	50.0	97%	73 - 124			6081004	NPH0311-21	08/09/06 16:06
<i>Surrogate: Dibromofluoromethane</i>		48.4		ug/kg	50.0	97%	73 - 124			6081004	NPH0311-21	08/09/06 16:06
<i>Surrogate: Toluene-d8</i>		56.4		ug/kg	50.0	113%	80 - 124			6081004	NPH0311-21	08/09/06 16:06
<i>Surrogate: Toluene-d8</i>		56.4		ug/kg	50.0	113%	80 - 124			6081004	NPH0311-21	08/09/06 16:06
<i>Surrogate: 4-Bromofluorobenzene</i>		51.9		ug/kg	50.0	104%	25 - 185			6081004	NPH0311-21	08/09/06 16:06
<i>Surrogate: 4-Bromofluorobenzene</i>		51.9		ug/kg	50.0	104%	25 - 185			6081004	NPH0311-21	08/09/06 16:06

6081406-MSD1

Benzene	ND	0.0481		mg/kg	0.0500	96%	48 - 138	9	34	6081406	NPH0838-01	08/09/06 02:47
Tertiary Butyl Alcohol	ND	0.507		mg/kg	0.500	101%	16 - 179	14	45	6081406	NPH0838-01	08/09/06 02:47
Ethylbenzene	ND	0.0455		mg/kg	0.0500	91%	19 - 146	7	44	6081406	NPH0838-01	08/09/06 02:47
Methyl tert-Butyl Ether	0.00219	0.0477		mg/kg	0.0500	91%	47 - 148	28	39	6081406	NPH0838-01	08/09/06 02:47
Diisopropyl Ether	ND	0.0468		mg/kg	0.0500	94%	50 - 143	10	41	6081406	NPH0838-01	08/09/06 02:47
Toluene	ND	0.0465		mg/kg	0.0500	93%	40 - 143	10	41	6081406	NPH0838-01	08/09/06 02:47
Ethyl tert-Butyl Ether	ND	0.0477		mg/kg	0.0500	95%	48 - 145	10	37	6081406	NPH0838-01	08/09/06 02:47
1,2-Dichloroethane	ND	0.0483		mg/kg	0.0500	97%	45 - 143	11	33	6081406	NPH0838-01	08/09/06 02:47
Tert-Amyl Methyl Ether	ND	0.0469		mg/kg	0.0500	94%	43 - 150	7	39	6081406	NPH0838-01	08/09/06 02:47
Xylenes, total	ND	0.135		mg/kg	0.150	90%	19 - 143	6	44	6081406	NPH0838-01	08/09/06 02:47
1,2-Dibromoethane (EDB)	ND	0.0478		mg/kg	0.0500	96%	47 - 147	11	38	6081406	NPH0838-01	08/09/06 02:47
<i>Surrogate: 1,2-Dichloroethane-d4</i>		51.4		ug/kg	50.0	103%	72 - 125			6081406	NPH0838-01	08/09/06 02:47
<i>Surrogate: 1,2-Dichloroethane-d4</i>		51.4		ug/kg	50.0	103%	72 - 125			6081406	NPH0838-01	08/09/06 02:47
<i>Surrogate: Dibromofluoromethane</i>		52.7		ug/kg	50.0	105%	73 - 124			6081406	NPH0838-01	08/09/06 02:47
<i>Surrogate: Dibromofluoromethane</i>		52.7		ug/kg	50.0	105%	73 - 124			6081406	NPH0838-01	08/09/06 02:47
<i>Surrogate: Toluene-d8</i>		56.2		ug/kg	50.0	112%	80 - 124			6081406	NPH0838-01	08/09/06 02:47
<i>Surrogate: Toluene-d8</i>		56.2		ug/kg	50.0	112%	80 - 124			6081406	NPH0838-01	08/09/06 02:47
<i>Surrogate: 4-Bromofluorobenzene</i>		53.3		ug/kg	50.0	107%	25 - 185			6081406	NPH0838-01	08/09/06 02:47
<i>Surrogate: 4-Bromofluorobenzene</i>		53.3		ug/kg	50.0	107%	25 - 185			6081406	NPH0838-01	08/09/06 02:47

6081748-MSD1

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6081748-MSD1												
Tert-Amyl Methyl Ether	ND	54.8		ug/L	50.0	110%	45 - 155	6	24	6081748	NPH0648-03	08/11/06 21:28
1,2-Dibromoethane (EDB)	ND	50.3		ug/L	50.0	101%	71 - 138	7	27	6081748	NPH0648-03	08/11/06 21:28
Benzene	8.38	68.6		ug/L	50.0	120%	71 - 137	4	23	6081748	NPH0648-03	08/11/06 21:28
1,2-Dichloroethane	ND	58.5		ug/L	50.0	117%	70 - 140	4	21	6081748	NPH0648-03	08/11/06 21:28
Ethylbenzene	1.79	57.6		ug/L	50.0	112%	72 - 139	6	23	6081748	NPH0648-03	08/11/06 21:28
Toluene	0.600	50.0		ug/L	50.0	99%	73 - 133	6	25	6081748	NPH0648-03	08/11/06 21:28
Ethyl tert-Butyl Ether	ND	56.5		ug/L	50.0	113%	57 - 148	8	22	6081748	NPH0648-03	08/11/06 21:28
Diisopropyl Ether	ND	56.1		ug/L	50.0	112%	67 - 143	6	22	6081748	NPH0648-03	08/11/06 21:28
Methyl tert-Butyl Ether	ND	55.4		ug/L	50.0	111%	55 - 152	6	27	6081748	NPH0648-03	08/11/06 21:28
Xylenes, total	ND	169		ug/L	150	113%	70 - 143	6	27	6081748	NPH0648-03	08/11/06 21:28
Tertiary Butyl Alcohol	ND	673		ug/L	500	135%	19 - 183	9	39	6081748	NPH0648-03	08/11/06 21:28
Surrogate: 1,2-Dichloroethane-d4		47.6		ug/L	50.0	95%	70 - 130			6081748	NPH0648-03	08/11/06 21:28
Surrogate: 1,2-Dichloroethane-d4		47.6		ug/L	50.0	95%	70 - 130			6081748	NPH0648-03	08/11/06 21:28
Surrogate: Dibromofluoromethane		47.9		ug/L	50.0	96%	79 - 122			6081748	NPH0648-03	08/11/06 21:28
Surrogate: Dibromofluoromethane		47.9		ug/L	50.0	96%	79 - 122			6081748	NPH0648-03	08/11/06 21:28
Surrogate: Toluene-d8		45.8		ug/L	50.0	92%	78 - 121			6081748	NPH0648-03	08/11/06 21:28
Surrogate: Toluene-d8		45.8		ug/L	50.0	92%	78 - 121			6081748	NPH0648-03	08/11/06 21:28
Surrogate: 4-Bromofluorobenzene		48.8		ug/L	50.0	98%	78 - 126			6081748	NPH0648-03	08/11/06 21:28
Surrogate: 4-Bromofluorobenzene		48.8		ug/L	50.0	98%	78 - 126			6081748	NPH0648-03	08/11/06 21:28
Purgeable Petroleum Hydrocarbons												
6081004-MSD1												
Gasoline Range Organics	0.222	2.78		mg/kg	3.05	84%	60 - 140	3	40	6081004	NPH0311-21	08/09/06 16:06
Surrogate: 1,2-Dichloroethane-d4		49.3		ug/kg	50.0	99%	0 - 200			6081004	NPH0311-21	08/09/06 16:06
Surrogate: Dibromofluoromethane		48.4		ug/kg	50.0	97%	0 - 200			6081004	NPH0311-21	08/09/06 16:06
Surrogate: Toluene-d8		56.4		ug/kg	50.0	113%	0 - 200			6081004	NPH0311-21	08/09/06 16:06
Surrogate: 4-Bromofluorobenzene		51.9		ug/kg	50.0	104%	0 - 200			6081004	NPH0311-21	08/09/06 16:06
6081406-MSD1												
Gasoline Range Organics	0.0889	2.55		mg/kg	3.05	81%	60 - 140	11	40	6081406	NPH0838-01	08/09/06 02:47
Surrogate: 1,2-Dichloroethane-d4		51.4		ug/kg	50.0	103%	0 - 200			6081406	NPH0838-01	08/09/06 02:47
Surrogate: Dibromofluoromethane		52.7		ug/kg	50.0	105%	0 - 200			6081406	NPH0838-01	08/09/06 02:47
Surrogate: Toluene-d8		56.2		ug/kg	50.0	112%	0 - 200			6081406	NPH0838-01	08/09/06 02:47
Surrogate: 4-Bromofluorobenzene		53.3		ug/kg	50.0	107%	0 - 200			6081406	NPH0838-01	08/09/06 02:47
6081468-MSD1												
Gasoline Range Organics	ND	4.74	M7	mg/kg	3.05	155%	60 - 140	5	40	6081468	NPH1003-06	08/12/06 01:27
Surrogate: 1,2-Dichloroethane-d4		45.5		ug/kg	50.0	91%	0 - 200			6081468	NPH1003-06	08/12/06 01:27
Surrogate: Dibromofluoromethane		45.9		ug/kg	50.0	92%	0 - 200			6081468	NPH1003-06	08/12/06 01:27
Surrogate: Toluene-d8		51.1		ug/kg	50.0	102%	0 - 200			6081468	NPH1003-06	08/12/06 01:27
Surrogate: 4-Bromofluorobenzene		55.8		ug/kg	50.0	112%	0 - 200			6081468	NPH1003-06	08/12/06 01:27

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons												
6081748-MSD1												
Gasoline Range Organics	1170	4010		ug/L	3050	93%	60 - 140	6	40	6081748	NPH0648-03	08/11/06 21:28
Surrogate: 1,2-Dichloroethane-d4		47.6		ug/L	50.0	95%	0 - 200			6081748	NPH0648-03	08/11/06 21:28
Surrogate: Dibromofluoromethane		47.9		ug/L	50.0	96%	0 - 200			6081748	NPH0648-03	08/11/06 21:28
Surrogate: Toluene-d8		45.8		ug/L	50.0	92%	0 - 200			6081748	NPH0648-03	08/11/06 21:28
Surrogate: 4-Bromofluorobenzene		48.8		ug/L	50.0	98%	0 - 200			6081748	NPH0648-03	08/11/06 21:28

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
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 Emeryville, CA 94608
 Attn Brenda Carter

Work Order: NPH0311
 Project Name: 510 E. 14th Street, Oakland, CA
 Project Number: SAP 135695
 Received: 08/01/06 07:50

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California
CA LUFT GC/MS	Soil			X
CA LUFT GC/MS	Water			X
NA	Soil			
NA	Water			
SW846 8260B	Soil	N/A	X	X
SW846 8260B	Water	N/A	X	X
SW-846	Soil			

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
5900 Hollis Street, Suite A
Emeryville, CA 94608
Attn Brenda Carter

Work Order: NPH0311
Project Name: 510 E. 14th Street, Oakland, CA
Project Number: SAP 135695
Received: 08/01/06 07:50

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

<u>Method</u>	<u>Matrix</u>	<u>Analyte</u>
CA LUFT GC/MS	Soil Water	Gasoline Range Organics Gasoline Range Organics
SW-846	Soil	% Dry Solids

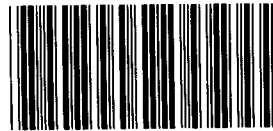
Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
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DATA QUALIFIERS AND DEFINITIONS

M7 The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
PX Sample for VOA analysis not received in preserved VOA vials or Encore or similar sampling device.
Z10 Surrogate outside laboratory historical limits but within method guidelines. No effect on data.

METHOD MODIFICATION NOTES



Nashville Division
COOLER RECEIPT FORM

BC#

NPH0311

Cooler Received/Opened On: 8/1/06@7:50

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 1014

Fed-EX

Temperature of representative sample or temperature blank when opened: 3.0 Degrees Celsius
(indicate IR Gun ID#)

101282

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: 2 Front

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial).....

6. Were custody seals on containers: YES NO and Intact YES NO NA
were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert
 Plastic bag Paper Other _____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial).....

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial).....

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial).....

I certify that I attached a label with the unique LIMS number to each container (initial).....

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # _____

LAB:

- TA - Irvine, California
- TA - Morgan Hill, California
- TA - Sacramento, California
- TA - Nashville, Tennessee
- Calscience
- Other _____



SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Dennis Baertschi

ENVIRONMENTAL SERVICES CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

NETWORK DEV / FE BILL CONSULTANT

COMPLIANCE RMT/CRMT

INCIDENT # (ES ONLY)
97601734

PO # _____ SAP or CRMT # _____

DATE: 7/28/04

PAGE: 1 of 3

SAMPLING COMPANY: **Cambria Environmental Technology, Inc.** LOG CODE: **CETO**

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

PROJECT CONTACT (Hardcopy or PDF Report to): **Dennis Baertschi**

TELEPHONE: **707.268.3813** FAX: **707.268.8180** E-MAIL: **dbaertschi@cambria-env.com**

SITE ADDRESS: Street and City **506-510 International Blvd. (510 E. 14th Street)** State **CA** GLOBAL ID NO.: **T0600112421**

EDF DELIVERABLE TO (Name, Company, Office Location): **Brenda Carter, Cambria, Emeryville** PHONE NO.: **510-420-3343** E-MAIL: **shell.em.edf@cambria-env.com** CONSULTANT PROJECT NO.: **248-0898-06**

SAMPLER NAME(S) (Print): **B. DeB...** LAB USE ONLY

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): STD 5 DAY 3 DAY 2 DAY 24 HOURS RESULTS NEEDED ON WEEKEND

LA - RWQCB REPORT FORMAT UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

EDD NOT NEEDED SHELL CONTRACT RATE APPLIES STATE REIMB RATE APPLIES RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS															FIELD NOTES:				
TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	VOCs by 8260B	Semi-Volatiles by 8270C	Lead <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TOLP	LUFT5 <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 (see attached)	Container/Preservative or PID Readings or Laboratory Notes
X	X	X							X	X									NPH0311
																			8/15/06 23:59
																			TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.
		DATE	TIME		
	MW-1-5	7/26	1500	Soil	1
	MW-1-10	7/28	730		
	MW-1-15	7/28	750		
	MW-1-20	7/28	800		
	MW-1-10 MW-1W	7/28	715	WATER	8
	MW-2-5	7/26	1050	Soil	1
	MW-2-10	7/27	1305		
	MW-2-14	7/27	1312		
	MW-3-5	7/26	1200		
	MW-3-10	7/28	1410		

Relinquished by: (Signature) <u>Walt DB</u>	Received by: (Signature) <u>SECURE COLLECTOR</u>	Date: <u>7/28/06</u>	Time: <u>1800</u>
Relinquished by: (Signature) _____	Received by: (Signature) <u>[Signature]</u>	Date: <u>07/31/06</u>	Time: <u>1125</u>
Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature) _____	Date: _____	Time: _____

July 7/31/06 14:30 8/1/04 7:50

LAB:

- TA - Irvine, California
- TA - Morgan Hill, California
- TA - Sacramento, California
- TA - Nashville, Tennessee
- Calscience
- Other _____



SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Dennis Baertschi

INCIDENT # (ES ONLY)

97601734

DATE: 7/28/06

ENVIRONMENTAL SERVICES

CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

NETWORK DEV / FE

BILL CONSULTANT

PO #

SAP or CRMT #

PAGE: 2 of 3

COMPLIANCE

RMT/CRMT

SAMPLING COMPANY:

Cambria Environmental Technology, Inc.

LOG CODE:

CETO

SITE ADDRESS: Street and City

506-510 International Blvd. (510 E. 14th Street)

State

CA

GLOBAL ID NO.:

T060011241

ADDRESS:

5900 Hollis Street, Suite A, Emeryville, CA 94608

EDF DELIVERABLE TO (Name, Company, Office Location):

PHONE NO.:

510-420-3343

E-MAIL:

shell.em.edf@cambria-env.com

CONSULTANT PROJECT NO.:

248-0898-0000

PROJECT CONTACT (Hardcopy or PDF Report to):

Dennis Baertschi

SAMPLER NAME(S) (Print):

B. De Boel

LAB USE ONLY

TELEPHONE:

707.268.3813

FAX:

707.268.8180

E-MAIL:

dbaertschi@cambria-env.com

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):

RESULTS NEEDED

STD 5 DAY 3 DAY 2 DAY 24 HOURS

ON WEEKEND

REQUESTED ANALYSIS

LA - RWQCB REPORT FORMAT UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

- EDD NOT NEEDED
- SHELL CONTRACT RATE APPLIES
- STATE REIMB RATE APPLIES
- RECEIPT VERIFICATION REQUESTED

FIELD NOTES:

Container/Preservative or PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification		SAMPLING		MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	VOCs by 8260B	Semi-Volatiles by 8270C	Lead <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	LUFT5 <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	CAM17 <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	Test for Disposal (see attached)	TEMPERATURE ON RECEIPT C°	FIELD NOTES	
			DATE	TIME																								
	MW-3-15		7/28	1420	SOIL	1	X	X	X							X	X											11
	MW-3-20		7/28	1425																								12
	MW-4-5		7/28	1050																								13
	MW-4-10		7/28	1100																								14
	MW-4-15		7/28	1105																								15
	MW-4-20		7/28	1110																								16
	MW-4W		7/28	900	WATER	8																					8 JARS HELD	17
	MW-5-5		7/26	810	SOIL	1																						18
	MW-5-10		7/27	720																								19
	MW-5-15		7/27	730																								20

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 7/28/06	Time: 1800
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 07/31/06	Time: 1125
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 8/1/06	Time: 7:10

[Handwritten notes and signatures]

LAB:

- TA - Irvine, California
- TA - Morgan Hill, California
- TA - Sacramento, California
- TA - Nashville, Tennessee
- Calscience
- Other _____



SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: DENNIS BAERTSCHI

ENVIRONMENTAL SERVICES CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

NETWORK DEV / FE BILL CONSULTANT

COMPLIANCE RMT/CRMT

INCIDENT # (ES ONLY) 9 7 6 0 1 7 3 4

PO # _____ **SAP or CRMT #** _____

DATE: 7/28/06 **PAGE:** 3 of 3

SAMPLING COMPANY: Cambria Environmental Technology, Inc. **LOG CODE:** CETO

ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608

PROJECT CONTACT (Hardcopy or PDF Report to): Dennis Baertschi

TELEPHONE: 707.268.3813 **FAX:** 707.268.8180 **E-MAIL:** dbaertschi@cambria-env.com

SITE ADDRESS: Street and City: 506-510 International Blvd. (510 E. 14th Street) **State:** CA **GLOBAL ID NO.:** T0600112421

EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, Cambria, Emeryville **PHONE NO.:** 510-420-3343 **E-MAIL:** shell.em.edf@cambria-env.com **CONSULTANT PROJECT NO.:** 248-2878-006

SAMPLER NAME(S) (Print): B. DeBoer **LAB USE ONLY**

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):

STD 5 DAY 3 DAY 2 DAY 24 HOURS

RESULTS NEEDED ON WEEKEND

LA - RWQCB REPORT FORMAT UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

- EDD NOT NEEDED
- SHELL CONTRACT RATE APPLIES
- STATE REIMB RATE APPLIES
- RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	VOCs by 8260B	Semi-Volatiles by 8270C	Lead <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	LUFT5 <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	CAM17 <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	Test for Disposal (see attached)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
																			TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification		SAMPLING		MATRIX	NO. OF CONT.
	DATE	TIME	DATE	TIME		
	MW-5-20		7/27	740	SOIL	1

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 7/28/06	Time: 1806
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 7-31-06	Time: 1125
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 8/1/06	Time: 7:50