Denis L. Brown

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June 12, 2006
Jerry Wickham
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Subsurface Investigation Report
Shell-branded Service Station
1800 ½ Powell Street
Emeryville, California
SAP Code 135266
Incident No. 98995349
RO0000254

Dear Mr. Wickham:

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

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

Sincerely,

Denis L. Brown
Sr. Environmental Engineer

CAMBRIA

June 12, 2006

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

Re: **Subsurface Investigation Report**
Shell-branded Service Station
1800½ Powell Street
Emeryville, California
Incident # 98995349
SAP Code 135266
Cambria Project #248-0894-006
RO0000254

Dear Mr. Wickham:

On behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell), Cambria Environmental Technology, Inc. (Cambria) has prepared this *Subsurface Investigation Report* to document the recent investigation activities at the referenced site. The work was performed in response to a September 23, 2005 letter from the Alameda County Health Care Services Agency (ACHCSA) to Shell requesting an investigation of the extent of petroleum hydrocarbon-impacted soil and groundwater at the site. Cambria attempted to follow the scope of work presented in the January 12, 2006 *Initial Site Conceptual Model*, which ACHCSA approved in a January 27, 2006 letter to Shell. However, Cambria was unable to obtain an encroachment permit from the State of California Department of Parks and Recreation to advance borings and install groundwater monitoring wells at locations SB-15 and SB-16. In addition, the locations of five of the six on-site borings were altered in response to the presence of underground utilities or buried debris. Cambria performed the work in accordance with ACHCSA and San Francisco Bay Regional Water Quality Control Board (RWQCB) guidelines.

In the January 27, 2006 letter to Shell, ACHCSA requested that this investigation report include geologic cross-sections. Because of the inability to install monitoring wells at locations SB-15 and SB-16, the shallow depth to which on-site borings were advanced, and the amount of fill encountered, Shell does not believe that geologic cross-sections would provide enough information to be of value at this time. Cambria informed ACHCSA of this decision in a May 23, 2006 phone conversation.

Cambria Environmental Technology, Inc.

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SITE LOCATION AND DESCRIPTION

The site is an operating Shell-branded service station located at the Powell Street and Frontage Road intersection in Emeryville, California. The area surrounding the site consists of commercial properties. Interstate 580 is located adjacent to Frontage Road (Figure 1). The San Francisco Bay is located approximately 750 feet to the south. The service station layout includes a station building, eight dispenser islands, a drive-through car wash, and a gasoline underground storage tank (UST) complex (Figures 2 and 3).

PREVIOUS INVESTIGATIONS

1982 Release: While installing new dispensers in September 1982, a leak from damaged fiberglass piping connected to a UST at the site was reported. The release was reported as approximately 3,200 gallons of super unleaded gasoline. In response to the release, five tank backfill wells (S-1 through S-4, and S-11) and six groundwater monitoring wells (S-5 through S-10) were installed at the site sometime prior to August 1983. Boring logs and well construction details are unavailable for these wells. Shell submitted an Unauthorized Release Report (URR) on September 10, 1982. No report documenting this activity is available.

1996 Subsurface Investigation: On May 20, 1996, Weiss and Associates (Weiss) of Emeryville, California advanced six off-site soil borings (B-1 through B-6) to determine if soil or groundwater downgradient of the site had been impacted by petroleum hydrocarbons. Boring depths ranged from 7 to 16 feet below grade (fbg). Up to 43 parts per million (ppm) of total petroleum hydrocarbons as gasoline (TPHg), 870 ppm of total extractable petroleum hydrocarbons (tabulated in this report as total petroleum hydrocarbons as diesel [TPHd]), and 1,500 ppm of total recoverable petroleum hydrocarbons (TRPH) were detected in soil collected from the borings. No analytes were detected in groundwater samples collected during this investigation. Weiss' August 14, 1996 *Subsurface Investigation Report* details the investigation. Historical soil and grab groundwater results are presented in Tables 1 and 2, respectively.

2004 Upgrade Activities: In September 2004, Toxichem Management Systems, Inc. (Toxichem) of San Carlos, California conducted soil sampling during station upgrade activities at the site. Toxichem collected soil samples from beneath each of the nine former product dispensers (MPD-1 through MPD-9). In addition, a section of piping was replaced, and two soil samples were collected on October 12, 2004 (sample location MPD-10). Samples MPD-8 and MPD-9 were reported to contain 3,500 ppm and 320 ppm TPHd, respectively, but were noted to be in the early diesel range and did not match the laboratory diesel standard. The maximum TPHg

concentrations were detected in samples from MPD-10: 7,900 ppm in the sample collected at 4.3 fbg and 5,600 ppm from 4.6 fbg. Due to newly installed piping, the vertical extent of impacted soil was not determined, and no excavation was performed. Based on the sampling results, Shell submitted a URR to the ASCHCSA on October 15, 2004.

Groundwater Characteristics and Monitoring Results: Groundwater has been monitored at the site since October 26, 1984. There are currently seven groundwater monitoring wells at the site. Due to the presence of separate phase hydrocarbons in S-9, this monitoring well has never been sampled. Depth to groundwater has historically ranged from approximately 5 to 23 fbg, and groundwater flow is primarily to the south. Groundwater is currently sampled annually in the fourth quarter. During the most recent groundwater sampling event in November 2005, depth to groundwater ranged from 7.22 to 10.46 fbg. During the November 2005 sampling event, TPHg was detected in three groundwater samples at concentrations ranging from 466 parts per billion (ppb) to 1,630 ppb. Benzene was detected in three groundwater samples at concentrations ranging from 4.33 ppb to 102 ppb. Methyl tertiary-butyl ether (MTBE) was detected in five groundwater samples at concentrations ranging from 1.02 ppb to 93.3 ppb.

INVESTIGATION SUMMARY

Cambria oversaw the advancement of six soil borings (SB-7 through SB-12) at the locations shown on Figures 2 and 3. All borings except SB-8 and SB-12 were cleared to 5 fbg for underground utilities using an air knife and then advanced using direct-push technology. Due to their proximity to product piping and USTs, borings SB-8 and SB-12 were hand augered to their total depth. All borings were continuously logged for lithologic description. Soil samples were collected at approximate 3-foot intervals to first-encountered groundwater. Temporary well casing was installed in each boring at the depth of first-encountered groundwater, and a grab groundwater sample was collected using a stainless steel bailer. Attachment A presents Cambria's standard field procedures for Geoprobe® soil and groundwater sampling.

Cambria Personnel Present: Working under the supervision of California Professional Geologist David Gibbs, Cambria Staff Geologist Ron Barone directed the field activities.

Permits: Cambria obtained monitoring well installation and soil boring permits (Permit #'s W2006-0181 through W2006-0183) from the Alameda County Public Works Agency (Attachment B).

Permits W2006-0181 and W2006-0182 for the off-site monitoring wells were cancelled prior to the field activities.

Drilling Company: Gregg Drilling and Testing, Inc. of Martinez, California (C57 License No. 485165).

Drilling Dates: April 18 and 19, 2006.

Drilling Methods: A 2-inch hydraulic push Geoprobe® was used to advance soil borings SB-7, SB-9, SB-10, and SB-11. Borings SB-8 and SB-12 were advanced by hand auger.

Number of Borings: Six soil borings (SB-7 through SB-12) were advanced. Table 3 presents boring data, and Figures 2 and 3 include the soil boring locations.

Boring Depths: Boring SB-12 was advanced to 9 fbg; boring SB-8 was advanced to 10 fbg; and borings SB-7, SB-9, SB-10, and SB-11 were advanced to 12 fbg.

Groundwater Depths: Groundwater was encountered in all borings at initial depths ranging from 6.5 to 10.5 fbg.

Soil Sampling Methods: Borings were logged continuously to provide detailed lithologic profiles. Cambria logged soil types using the Unified Soil Classification System, and described the encountered soils on the boring logs presented in Attachment C. Cambria collected soil samples continuously for soil description, headspace analysis, and possible chemical analyses. Cambria screened selected soil samples for the presence of organic vapors using a photo-ionization detector (PID) and recorded the PID readings on the boring logs.

Grab Groundwater Sampling: A grab sample of first-encountered groundwater was collected from each soil boring through temporary well casing using a stainless steel bailer. The bailer was properly decontaminated between locations, and new well casings were used at each location.

Soil Classification: Soils consisted primarily of silt, sand, clayey sand, gravel, and fill to the total explored depth of 12 fbg. The fill consisted primarily of roofing paper and wood debris.

Chemical Analyses: State-certified laboratory Test America Analytical Testing Corporation of Nashville, Tennessee analyzed soil and grab groundwater samples from the borings for TPHg, benzene, toluene, ethylbenzene, and total xylenes (BTEX), MTBE, di-isopropyl ether (DIPE), ethyl tertiary-butyl ether (ETBE), tertiary-amyl methyl ether (TAME), and tertiary-butanol (TBA) using EPA Method 8260B; and for TPHd by EPA Method 8015B. Certified laboratory analytical reports for soil and groundwater are included in Attachment D and summarized in Tables 1 and 2, respectively. Selected analyte concentrations are also included on Figure 3.

Soil Disposal: Investigation activities generated approximately 0.8 tons of soil. Cambria temporarily stockpiled the soil on site and profiled it for disposal (Attachment D includes the laboratory report). On May 18, 2006, Manley and Sons Trucking, Inc. of Sacramento, California transported the soil to Allied Waste Industries' Forward Landfill in Manteca, California for disposal as non-hazardous waste. The disposal confirmation is included as Attachment E.

INVESTIGATION RESULTS

Analytical Results in Soil: TPHg was detected in all soil samples at concentrations ranging from 0.237 ppm (SB-11-4) to 502 ppm (SB-12-3). TPHd was detected in all soil samples at concentrations ranging from 5.18 ppm (SB-10-4) to 6,060 ppm (SB-8-5). Benzene was detected in five soil samples at concentrations ranging from 0.00266 ppm (SB-8-5) to 0.0987 ppm (SB-10-4). Toluene was detected in seven soil samples at concentrations ranging from 0.00223 ppm (SB-7-3) to 0.0160 ppm (SB-7-5.5). Ethylbenzene was detected in six soil samples at concentrations ranging from 0.00205 ppm (SB-9-4) to 0.123 ppm (SB-10-4). Xylenes were detected in six soil samples at concentrations ranging from 0.00755 ppm (SB-9-4) to 0.328 ppm (SB-7-5.5). MTBE was detected in six soil samples at concentrations ranging from 0.00307 ppm (SB-8-8) to 0.0396 ppm (SB-12-3). No other analytes were detected in soil samples collected

during this investigation. Table 1 summarizes historical soil analytical data, and Figure 3 includes TPHg, benzene, and MTBE concentrations detected in soil samples collected during this investigation.

Analytical Results in Grab Groundwater: TPHg was detected in four groundwater samples with concentrations ranging from 305 ppb (SB-11-W) to 13,500 ppb (SB-7-W). TPHd was detected in all groundwater samples at concentrations ranging from 1,980 ppb (SB-12-W) to 66,000 ppb (SB-9-W). Benzene was detected in five groundwater samples at concentrations ranging from 0.620 ppb (SB-8-W) to 35.5 ppb (SB-10-W). Toluene was detected in three groundwater samples at concentrations ranging from 3.29 ppb (SB-7-W) to 10.2 ppb (SB-10-W). Ethylbenzene was detected in three groundwater samples at concentrations ranging from 0.850 ppb (SB-12-W) to 3.67 ppb (SB-10-W). Xylenes were detected in three groundwater samples at concentrations ranging from 1.55 ppb (SB-10-W) to 18.9 ppb (SB-7-W). MTBE was detected in five groundwater samples at concentrations ranging from 5.40 ppb (SB-11-W) to 72.7 ppb (SB-8-W). TBA was detected in groundwater sample SB-8-W at a concentration of 50.4 ppb. No other analytes were detected in groundwater samples collected during this investigation. Table 2 summarizes historical grab groundwater analytical data, and Figure 3 includes TPHg, benzene, and MTBE concentrations detected in groundwater samples collected during this investigation.

CONCLUSIONS AND RECOMMENDATIONS

Due to the site's location and the lack of known water supply wells in the vicinity, Cambria believes it is unlikely that groundwater in the area is or will be used for drinking water. Therefore, soil sampling results were compared to the San Francisco Bay RWQCB environmental screening levels (ESLs) at sites with commercial land uses and where groundwater is not used as drinking water.

Soil borings SB-7 and SB-9 were intended to provide delineation of the hydrocarbon impact to soil detected in the samples from 2004 upgrade boring MPD-10, but they were relocated due to underground utilities. Boring SB-7 was advanced adjacent to the location of MPD-10. Given the proximity of SB-7 to MPD-10 and the significantly lower concentrations in SB-7 than in MDP-10, Cambria concludes that natural attenuation processes have reduced the residual soil concentrations in the vicinity of the previous release, or, at a minimum, SB-7 delineates the southern extent of impact in soil. TPHg concentrations were minimal in the samples collected from boring SB-9, providing delineation of the extent of impact to the west of MPD-10. Due to the presence of underground utilities and the resultant inability to collect soil samples in the area between borings SB-7 and SB-9, the horizontal extent of impacted soil around the northern

service islands has not been precisely determined. However, the impacted soil is beneath active dispenser islands, appears to have shown significant attenuation over time, and has been adequately delineated in reference to on-site receptors (commercial workers). Therefore, Shell does not recommend further investigation in this area at this time.

Soil borings SB-10 and SB-12 were intended to provide delineation of the soil impact detected in 2004 upgrade boring MPD-9 (southern service islands), but were also relocated due to the presence of underground utilities and buried debris. SB-10 and SB-11 provide delineation of impacted soil to the west of the southern service islands, since all of the results were below the ESLs. Upgrade boring MPD-8 provides delineation to the east of MPD-9. TPHg was detected at a concentration just exceeding the 400 ppm ESL in the 3 fbg sample collected at SB-12, but no other constituents were detected above ESLs at this location. SB-12 is located some distance from the on-site receptor (the kiosk), and the BTEX are all below the ESLs; thus, the impacted soil near SB-12 poses no threat to the on-site receptor. Since there are two groundwater monitoring wells just downgradient of SB-12, Shell does not recommend further investigation in this area.

The ESL for TPHd in soil was exceeded in the 5 fbg and 8 fbg samples collected in boring SB-8. However, these samples were collected in fill that consisted of tar and roofing paper and wood debris, and the concentrations are unlikely to be a result of a release of diesel fuel from this site. No other analytes in soil exceeded their respective ESL.

Grab groundwater sampling results were compared to the ESLs for sites with commercial land uses and where groundwater is not used as drinking water. TPHd concentrations exceeded the ESL in each of the grab groundwater samples collected during this investigation. However, as detailed in Cambria's January 10, 2006 *Site Conceptual Model*, concentrations reported as diesel are likely the result of substances in the soil and groundwater related to prior activities at the site. Separate phase hydrocarbons detected in monitoring well S-9 have been analyzed on two occasions and identified as oil consisting predominantly of hydrocarbons heavier than diesel and a hydrocarbon mixture indicative of roofing material. This is consistent with the site's previous use of producing industrial products that included roofing and building materials.

TPHg concentrations exceeded the ESL in three of the grab groundwater samples collected during this investigation. The grab groundwater samples do confirm impact to groundwater in the areas around the northern and southern dispenser islands and downgradient of the UST complex, but Shell believes that the existing groundwater monitoring network provides adequate delineation of the extent of impact in reference to the primary off-site receptor, the San Francisco Bay. For this reason and because access to the off-site Regional Park property has been denied, installing off-site monitoring wells S-15 and S-16 is no longer proposed.

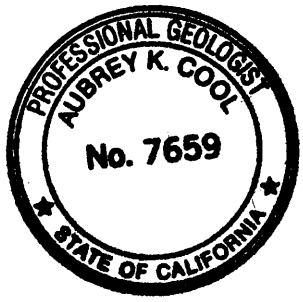
It appears that the soil and groundwater impact at this site have been delineated to the extent necessary to determine whether the residual contamination poses a threat to human health or the environment.

CLOSING

We appreciate your continued assistance with this project. Please call David Gibbs at (510) 420-3363 if you have any questions or comments regarding the contents of this report.

Sincerely,
Cambria Environmental Technology, Inc.

David M. Gibbs, P.G.
Project Geologist



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

Figures:
1 - Vicinity Map
2 - Site Plan
3 - Soil and Groundwater Concentration Map

Tables:
1 - Historical Soil Analytical Data
2 - Historical Grab Groundwater Analytical Data
3 - Boring Data

Attachments:
A - Standard Field Procedures for Geoprobe® Soil and Groundwater Sampling
B - Permits
C - Boring Logs
D - Laboratory Analytical Reports
E - Soil Disposal Confirmation

cc: Denis Brown, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810

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12/29/05

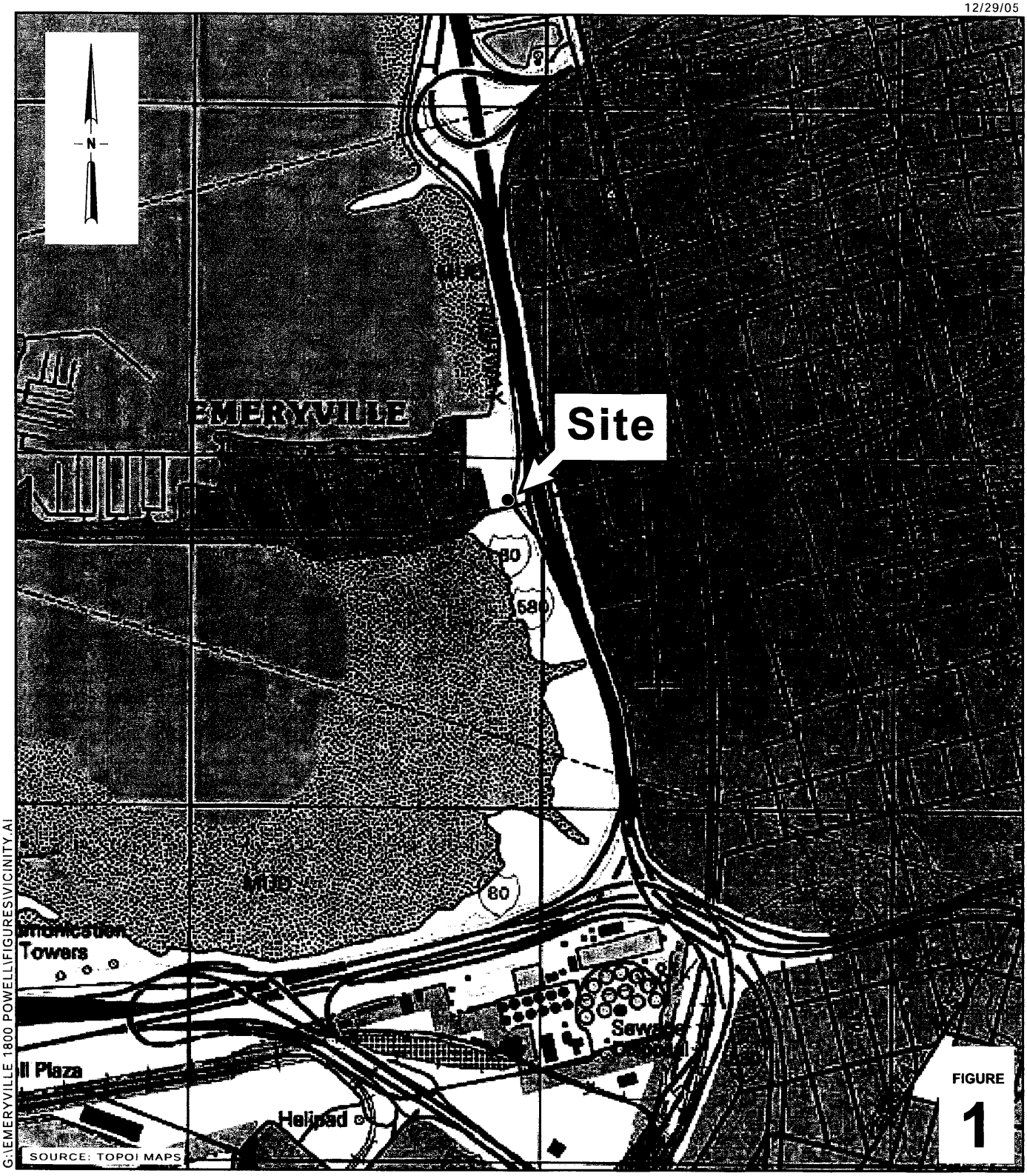

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FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Shell-branded Service Station
1800 1/2 Powell Street
Emeryville, California
Incident No.98995349

CAMBRIA

Vicinity Map

06/02/06

Site Plan

CAMBRIA

EXPLANATION

- S-15 — Proposed monitoring well location
- SB-7 — Soil boring location (4/18-19/06)
- S-5 — Monitoring well location
- S-6 — Destroyed monitoring well location
- S-1/A — Tank backfill well location
- MPD-1 — Soil sample location (9/23/04)
- D-9 — Soil sample location (3/19/98)
- B-1 — Soil boring location (5/20/96)
- Electrical line (E)
- Storm drain line (SD)
- Water line (W)
- Gas line (G)
- Telecommunications line (T)
- Storm drain catch basin

N

Groundwater Flow Direction
(3Q96 through 4Q05)

Holiday Inn
Hotel Building
1800 Powell

parking lot

parking lot

Shell Station
1800 1/2 Powell

Car Wash

Marketeer Building

Service islands

Air/ water

trash encl.

canopy

service islands

MPD-1 MPD-2 MPD-3 MPD-4 MPD-5 MPD-6 MPD-7 MPD-8 MPD-9 MPD-10

D-5 D-6 D-7 D-9

SB-7 SB-8 SB-9 SB-10 SB-11 SB-12

S-1/A S-2/E S-3/B S-4/C S-5 S-6 S-7 S-8 S-9 S-10 S-11/D S-12 S-13 S-14 S-15 S-16

USTs

planter

traffic island

FRONTAGE ROAD

I-80 ON-RAMP

POWELL STREET

B-1 B-2 B-3 B-4 B-5 B-6

East Bay Regional
Park District

0 20 40 80
Scale (ft)

FIGURE
2

Shell-branded Service Station
1800 1/2 Powell Street
Emeryville, California
Incident No.98995349

G:\EMERYVILLE 1800 POWELL\FIGURES\SITE PLAN.DWG

06/02/06

Soil and Groundwater Concentration Map

April 18-19, 2006

CAMBRIA

EXPLANATION

- S-15 — Proposed monitoring well location
- SB-7 — Soil boring location (4/18-19/06)
- S-5 — Monitoring well location
- S-6 — Destroyed monitoring well location
- S-1/A — Tank backfill well location

SB-7: SOIL (ppm)			
Depth	TPHg	Benzene	MTBE
3'	0.539	<0.00200	<0.00200
5.5'	4.41	<0.00200	<0.00200
SB-7: WATER (ppb)			
6.5	13,500	6.64	<0.500

- Soil Sample ID
- Soil sample depth and TPHg, benzene, and MTBE concentrations in soil, in ppm
- Grab groundwater sample depth and TPHg, benzene, and MTBE concentrations, in ppb

N

W E

S

Groundwater Flow Direction
(3Q96 through 4Q05)

Holiday Inn
Hotel Building
1800 Powell

parking lot

parking lot

SB-9: SOIL (ppm)			
Depth	TPHg	Benzene	MTBE
4'	0.876	<0.00200	0.00595
7.5'	0.500	<0.00200	0.0132
SB-9: WATER (ppb)			
8.5	<500	<5.00	32.7

SB-7: SOIL (ppm)			
Depth	TPHg	Benzene	MTBE
3'	0.539	<0.00200	<0.00200
5.5'	4.41	<0.00200	<0.00200
SB-7: WATER (ppb)			
6.5	13,500	6.64	<0.500

planter
planter
planter
planter
service islands
Car Wash
air/ water
trash encl.
Shell Station
1800 1/2 Powell
SB-9
SB-7
S-12
S-1/A
SB-8
Marketeer Building
service islands
USTs
S-2/E
S-11/D
S-3/B
canopy
service islands
S-4/C
SB-12
planter
S-6
SB-11
S-14
SB-10
S-7
S-5
S-8
S-9
S-13
S-10
planter
traffic island

FRONTAGE ROAD

SB-8: SOIL (ppm)			
Depth	TPHg	Benzene	MTBE
5'	6.27	0.00266	0.00513
8'	6.13	<0.00200	0.00307
SB-8: WATER (ppb)			
9	<50.0	0.620	72.7

SB-11: SOIL (ppm)			
Depth	TPHg	Benzene	MTBE
4'	0.237	<0.00200	<0.00200
6'	0.521	<0.00200	<0.00200
SB-11: WATER (ppb)			
10.5	305	1.80	5.40

SB-10: SOIL (ppm)			
Depth	TPHg	Benzene	MTBE
4'	307	0.0987	<0.00200
6'	8.40	0.0124	<0.00200
SB-10: WATER (ppb)			
10	914	35.5	8.07

SB-12: SOIL (ppm)			
Depth	TPHg	Benzene	MTBE
3'	502	0.0742	0.0396
6'	1.08	0.00570	0.00395
SB-12: WATER (ppb)			
9	3,270	8.14	48.7

POWELL STREET

S-16
S-15

I-80 ON-RAMP

0 20 40 80
Scale (ft)

East Bay Regional
Park District

FIGURE
3

Shell-branded Service Station
1800 1/2 Powell Street
Emeryville, California
Incident No.98995349

G:\EMERYVILLE 1800 POWELL\FIGURES\DATA 4-06.DWG

Table 1. Historical Soil Analytical Data - Shell-branded Service Station - 1800 1/2 Powell Street, Emeryville, California

Sample ID	Date	Depth (feet)	TPHg	TPHd	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	Lead	TRPH
			parts per million														
1996 Subsurface Investigation																	
B1-2.0	5/20/1996	2.0	<1.0	—	<0.005	<0.005	<0.005	<0.005	—	—	—	—	—	—	—	—	—
B1-7.0[a]	5/20/1996	7.0	<1.0	—	<0.005	<0.005	<0.005	<0.005	—	—	—	—	—	—	—	—	—
B1-13.0	5/20/1996	13.0	<1.0	160[b]	<0.005	<0.005	<0.005	<0.005	—	—	—	—	—	—	—	—	67
B1-15.0	5/20/1996	15.0	43	350[b]	<0.025	<0.025	0.072	0.19	—	—	—	—	—	—	—	—	1,100
B2-2.0	5/20/1996	2.0	<1.0	—	<0.005	<0.005	<0.005	<0.005	—	—	—	—	—	—	—	—	—
B2-7.5	5/20/1996	7.5	<1.0	—	<0.005	<0.005	<0.005	<0.005	—	—	—	—	—	—	—	—	—
B2-11.0	5/20/1996	11.0	<1.0	**870**[b]	<0.005	<0.005	<0.005	<0.005	—	—	—	—	—	—	—	—	1,500
B3-6.5	5/20/1996	6.5	<1.0	—	<0.005	<0.005	<0.005	<0.005	—	—	—	—	—	—	—	—	—
B3-10.5	5/20/1996	10.5	<1.0	31[b]	<0.005	<0.005	<0.005	<0.005	—	—	—	—	—	—	—	—	82
B4-6.5	5/20/1996	6.5	<1.0	—	<0.005	<0.005	<0.005	<0.005	—	—	—	—	—	—	—	—	—
B5-3.0	5/20/1996	3.0	<1.0	—	<0.005	<0.005	<0.005	**0.0054**	—	—	—	—	—	—	—	—	—
B6-3.5	5/20/1996	3.5	<1.0	—	<0.005	<0.005	<0.005	<0.005	—	—	—	—	—	—	—	—	—
B6-6.5	5/20/1996	6.5	<1.0	—	<0.005	<0.005	<0.005	<0.005	—	—	—	—	—	—	—	—	—
B6-11.0	5/20/1996	11.0	<1.0	40[b]	<0.005	<0.005	<0.005	<0.005	—	—	—	—	—	—	—	—	380
2004 Upgrade Soil Sampling																	
MPD-1	9/23/2004	4.5	<50	85	<0.50	<0.50	<0.50	<0.50	<2.5	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	150	—
MPD-2	9/23/2004	5.0	<50	33	<0.50	<0.50	<0.50	<0.50	<2.5	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	48	—
MPD-3	9/23/2004	5.0	<50	42	<0.50	<0.50	<0.50	<0.50	<2.5	0.64	<1.0	<0.50	<0.50	<0.50	<0.50	39	—
MPD-4	9/23/2004	5.0	<1.0	1.5	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	16	—
MPD-5	9/23/2004	5.0	<1.0	12	0.031	<0.005	<0.005	<0.005	0.011	0.0064	<0.010	<0.005	<0.005	<0.005	<0.005	15	—
MPD-6	9/23/2004	5.5	<1.0	3.6	<0.005	<0.005	<0.005	0.013	0.032	0.027	<0.010	<0.005	<0.005	<0.005	<0.005	5.7	—
MPD-7	9/23/2004	5.0	<50	54	<0.50	<0.50	<0.50	<0.50	<2.5	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	5.4	—
MPD-8	9/23/2004	5.0	54	**3,500**	<0.50	<0.50	<0.50	<0.50	<2.5	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	8.3	—

Table 1. Historical Soil Analytical Data - Shell-branded Service Station - 1800 1/2 Powell Street, Emeryville, California

Sample ID	Date	Depth (feet)	TPHg	TPHd	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	Lead	TRPH
			parts per million														
MPD-9	9/23/2004	5.0	**1,300**	320	<0.50	<0.50	7.1	**17**	<2.5	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	9.5	—
MPD-10	10/13/2004	4.3	**7,900**	**970**	<5.0	**32**	21	**630**	<25	<5.0	<10	<5.0	<5.0	<5.0	<5.0	4.2	—
MPD-10	10/13/2004	4.6	**5,600**	110	<5.0	**53**	26	**530**	<25	<5.0	<10	<5.0	<5.0	<5.0	<5.0	20	—
2006 Subsurface Investigation																	
SB-7-3	4/18/2006	3	0.539	32.3	<0.00200	0.00223	<0.00200	<0.00500	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	—	—	—	—
SB-7-5.5	4/19/2006	5.5	4.41	123[c]	<0.00200	0.0160	0.0805	0.328	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	—	—	—	—
SB-8-5	4/18/2006	5	6.27	**6,060[c]**	0.00266	0.00666	0.00426	0.0141	<0.0500	0.00513	<0.00200	<0.00500	<0.00200	—	—	—	—
SB-8-8	4/18/2006	8	6.13	**717[c]**	<0.00200	0.00582	<0.00200	<0.00500	<0.0500	0.00307	<0.00200	<0.00500	<0.00200	—	—	—	—
SB-9-4	4/18/2006	4	0.876	202[c]	<0.00200	<0.0020	0.00205	0.00755	<0.0500	0.00595	<0.00200	<0.00500	<0.00200	—	—	—	—
SB-9-7.5	4/19/2006	7.5	0.500	11.3	<0.00200	<0.0020	<0.00200	<0.00500	<0.0500	0.0132	<0.00200	<0.00500	<0.00200	—	—	—	—
SB-10-4	4/18/2006	4	307	5.18	0.0987	0.00264	0.123	0.0165	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	—	—	—	—
SB-10-6	4/19/2006	6	8.40	399[c]	0.0124	0.00462	0.0215	0.0140	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	—	—	—	—
SB-11-4	4/18/2006	4	0.237	37.0	<0.00200	<0.00200	<0.00200	<0.00500	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	—	—	—	—
SB-11-6	4/19/2006	6	0.521	14.1	<0.00200	<0.0020	<0.00200	<0.00500	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	—	—	—	—
SB-12-3	4/18/2006	3	**502**	277[c]	0.0742	0.0156	0.0279	0.150	<0.0500	0.0396	<0.00200	<0.00500	<0.00200	—	—	—	—
SB-12-6	4/18/2006	6	1.08	24.4	0.00570	<0.00200	<0.00200	<0.00500	<0.0500	0.00395	<0.00200	<0.00500	<0.00200	—	—	—	—
Shallow Soil (≤10 fbg) ESL[d]:			**400**	**640**	**0.38**	**9.3**	**32**	**11**	**110**	**5.6**	**NA**	**NA**	**NA**	**200**	**150**	**750**	**NA**
Deep Soil (>10 fbg) ESL[d]:			**400**	**640**	**0.51**	**9.3**	**32**	**11**	**110**	**5.6**	**NA**	**NA**	**NA**	**200**	**150**	**750**	**NA**

Table 1. Historical Soil Analytical Data - Shell-branded Service Station - 1800 1/2 Powell Street, Emeryville, California

Sample ID	Date	Depth (feet)	TPHg	TPHd	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	Lead	TRPH
			← parts per million →														

Abbreviations and Notes:

TPHg = Total petroleum hydrocarbons as gasoline by EPA Method 8015M (1996) and 8260B (2004 to present)

TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015B (2004 to present); samples prepared with silica gel cleanup

Benzene, ethylbenzene, toluene, total xylenes by EPA Method 8020 (1996) and 8260B (2004 to present)

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

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

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

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

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

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

EDB = 1,2-Dibromoethane by EPA Method 8260

Lead by EPA Method 6010B

TRPH = Total Recoverable Petroleum Hydrocarbons by Standard Method 5520

— = Not analyzed

[a] = Analyzed for Semi-Volatile Organic Compounds (VOCs) by EPA Method 8270; Phenol detected at 1.9 ppm

[b] = Fuel fingerprint between C_9 and C_{40} by Modified EPA Method 8015; sample results expressed as ppm of Extractable Hydrocarbons.

[c] = The sample required a dilution due to the nature of the sample matrix.

[d] = San Francisco Bay Regional Water Quality Control Board commercial/industrial Environmental Screening Level for soil where groundwater is not a source of drinking water

BOLD = Concentration exceeds RWQCB ESL

NA = Not available

Table 2. Historical Grab Groundwater Analytical Data - Shell-branded Service Station - 1800 1/2 Powell, Emeryville, California

Sample ID	Date	TPHg	TPHd	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TBA	MTBE	DIPE	ETBE	TAME
		← (parts per billion) →										
1996 Subsurface Investigation												
B1-Gwa	5/20/1996	<50	—	<0.50	<0.50	<0.50	<0.50	—	<2.5	—	—	—
B2-GW	5/20/1996	<50	—	<0.50	<0.50	<0.50	<0.50	—	<2.5	—	—	—
B6-GW	5/20/1996	<50	—	<0.50	<0.50	<0.50	<0.50	—	<2.5	—	—	—
2006 Subsurface Investigation												
SB-7-W	4/19/2006	**13,500**	**23,900**[b]	6.64	3.39	2.00	18.9	<10.0	<0.500	<0.500	<0.500	<0.500
SB-8-W	4/18/2006	<50.0	**30,400**[b]	0.620	<0.500	<0.500	<0.500	50.4	72.7	<0.500	<0.500	<0.500
SB-9-W	4/19/2006	<500	**66,000**[b]	<5.00	<5.00	<5.00	<5.00	<100	32.7	<5.00	<5.00	<5.00
SB-10-W	4/19/2006	**914**	**49,500**[b]	35.5	10.2	3.67	1.55	<10.0	8.07	<5.00	<5.00	<5.00
SB-11-W	4/19/2006	305	**31,500**[b]	1.80	<0.500	<0.500	0.500	<10.0	5.40	<0.500	<0.500	<0.500
SB-12-W	4/18/2006	**3,270**	**1,980**	8.14	5.11	0.850	12.2	<10.0	48.7	<0.500	<0.500	<0.500
Groundwater ESL[c]		**500**	**640**	**46**	**130**	**290**	**100**	**18,000**	**1,800**	**NA**	**NA**	**NA**

Abbreviations and Notes:

TPHg = Total petroleum hydrocarbons as gasoline by EPA Method 8015M (1996) or 8260B (2004 to present)

TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015B; samples prepared with silica gel cleanup

Benzene, ethylbenzene, toluene, total xylenes by EPA Method 8020 (1996) and 8260B (2004 to present)

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

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

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

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

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

— = Not analyzed

[a] = Analyzed for Volatile Organic Compounds (VOCs) by EPA Method 8240, Acetone concentration detected at 14 ppb.

[b] = The sample required a dilution due to the nature of the sample matrix.

[c] = San Francisco Bay Regional Water Quality Control Board commercial/industrial Environmental Screening Level where groundwater is not a source of drinking water

BOLD = Concentration exceeds RWQCB ESL

NA = Not available

Table 3. Boring Data, Shell-branded Service Station, 1800 1/2 Powell Street, Emeryville, California

Boring ID	Advancement Method	Date Completed	TOC (ft msl)	Total Depth (fbg)	Soil Sample Interval (ft)	First Encountered GW Depth (fbg)
SB-7	Direct Push	4/19/2006	NM	12	Continuous	6.5
SB-8	Hand Auger	4/18/2006	NM	10	Continuous	9.0
SB-9	Direct Push	4/19/2006	NM	12	Continuous	8.5
SB-10	Direct Push	4/19/2006	NM	12	Continuous	10.0
SB-11	Direct Push	4/19/2006	NM	12	Continuous	10.5
SB-12	Hand Auger	4/18/2006	NM	9	Continuous	9.0

Abbreviations:

TOC = Top of casing elevation

fbg = Feet below grade

NM = Not measured

ATTACHMENT A

Standard Field Procedures for Geoprobe® Soil and Groundwater Sampling

STANDARD FIELD PROCEDURES FOR GEOPROBE® SOIL AND GROUNDWATER SAMPLING

This document describes Cambria Environmental Technology, Inc.'s standard field methods for GeoProbe® soil and groundwater sampling. These procedures are designed to comply with Federal, State and local regulatory guidelines. Specific field procedures are summarized below.

Objectives

Soil samples are collected to characterize subsurface lithology, assess whether the soils exhibit obvious hydrocarbon or other compound vapor odor or staining, estimate ground water depth and quality and to submit samples for chemical analysis.

Soil Classification/Logging

All soil samples are classified according to the Unified Soil Classification System by a trained geologist or engineer working under the supervision of a California Professional Geologist (PG) or a Certified Engineering Geologist (CEG). The following soil properties are noted for each soil sample:

- Principal and secondary grain size category (i.e., sand, silt, clay or gravel)
- Approximate percentage of each grain size category,
- Color,
- Approximate water or separate-phase hydrocarbon saturation percentage,
- Observed odor and/or discoloration, and
- Other significant observations (i.e., cementation, presence of marker horizons, mineralogy)

Soil Sampling

GeoProbe® soil samples are collected from borings driven using hydraulic push technologies. A minimum of one and one half ft of the soil column is collected for every five ft of drilled depth. Additional soil samples can be collected near the water table and at lithologic changes. Samples are collected using samplers lined with polyethylene or brass tubes driven into undisturbed sediments at the bottom of the borehole. The ground surface immediately adjacent to the boring is used as a datum to measure sample depth. The horizontal location of each boring is measured in the field relative to a permanent on-site reference using a measuring wheel or tape measure.

Drilling and sampling equipment is steam-cleaned or washed prior to drilling and between borings to prevent cross-contamination. Sampling equipment is washed between samples with trisodium phosphate or an equivalent EPA-approved detergent.

Sample Storage, Handling and Transport

Sampling tubes chosen for analysis are trimmed of excess soil and capped with Teflon® tape and plastic end caps. Soil samples are labeled and stored at or below 4°C on either crushed or dry ice, depending upon local regulations. Samples are transported under chain-of-custody to a State-certified analytic laboratory.

Field Screening

After a soil sample has been collected, soil from the remaining tubing is placed inside a sealed plastic bag and set aside to allow hydrocarbons to volatilize from the soil. After ten to fifteen minutes, a portable GasTech® or photoionization detector measures volatile hydrocarbon vapor concentrations in the bag's headspace, extracting the vapor through a slit in the plastic bag. The measurements are used along with the field observations, odors, stratigraphy and ground water depth to select soil samples for analysis.

Grab Groundwater Sampling

Groundwater samples are collected from the open borehole using bailers, advancing disposable Tygon® tubing into the borehole and extracting ground water using a diaphragm pump, or using a hydro-punch style sampler with a bailer or tubing. The ground water samples are decanted into the appropriate containers supplied by the analytic laboratory. Samples are labeled, placed in protective foam sleeves, stored on crushed ice at or below 4° C, and transported under chain-of-custody to the laboratory.

Duplicates and Blanks

Blind duplicate water samples are usually collected only for monitoring well sampling programs, at a rate of one blind sample for every 10 wells sampled. Laboratory-supplied trip blanks accompany samples collected for all sampling programs to check for cross-contamination caused by sample handling and transport. These trip blanks are analyzed if the internal laboratory quality assurance/quality control (QA/QC) blanks contain the suspected field contaminants. An equipment blank may also be analyzed if non-dedicated sampling equipment is used.

Grouting

If the borings are not completed as wells, the borings are filled to the ground surface with cement grout poured or pumped through a tremie pipe.

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ATTACHMENT B

Permits

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: 03/09/2006 By jamesy **Receipt Number: WR2006-0111**
Permits Issued: W2006-0181 to W2006-0183 **Permits Valid from 04/18/2006 to 05/18/2006**

Application Id: 1141944212614 **City of Project Site:** Emeryville
Site Location: Shell Branded Gas Station
1800 Powell St, Emeryville, CA 94608
Project Start Date: 04/18/2006 **Completion Date:** 05/18/2006

Applicant: Cambria - Ron Barone **Phone:** 510-420-0700
5900 Hollis St., Emeryville, CA 94608
Property Owner: Shell Oil Oil Products **Phone:** 707-865-0251
20945 S Wilmington, Carson, CA 90810
Client: ** same as Property Owner **

Total Due: $200.00
Total Amount Paid: $800.00
Payer Name : Cambria Paid By: CHECK **PAYMENT DUE**

Works Requesting Permits:

Well Construction-Monitoring-Monitoring - 0 Wells
Driller: Gregg Drilling - Lic #: 485156 - Method: auger **Work Total: ** $0.00**

**** Cancelled Work. Total amount adjusted. ****

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2006-0181	03/09/2006	07/17/2006	S-15	10.00 in.	4.00 in.	0.50 ft	0.00 ft
W2006-0182	03/09/2006	07/17/2006	S-16	10.00 in.	4.00 in.	0.50 ft	0.00 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 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 Cashen for an inspection time at 510-670-6610 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.

Borehole(s) for Investigation-Geotechnical Study/CPT's - 0 Boreholes
Driller: Gregg Drilling - Lic #: 485156 - Method: auger **Work Total: $200.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2006-0183	03/09/2006	07/17/2006	6	2.00 in.	0.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. 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.

4. Applicant shall contact George Cashen for an inspection time at 510-670-6610 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.

5. 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.

6. Cuttings may also be left on site or spread out as long as the applicants has approval from the property owner and the

cuttings will not violate the State and County Clean Water laws (NPDES).

7. 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.

8. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

ATTACHMENT C

Boring Logs

Boring/Well Log Legend

KEY TO SYMBOLS/ABBREVIATIONS

- First encountered groundwater
- Static groundwater
- Soils logged by hand-auger or air-knife cuttings
- Soils logged by drill cuttings or disturbed sample
- Undisturbed soil sample interval
- Soil sample retained for submittal to analytical laboratory
- No recovery within interval
- Hydropunch screen interval

PID = Photo-ionization detector or organic vapor meter reading in parts per million (ppm)

fbg = Feet below grade

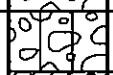
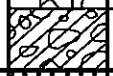
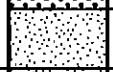
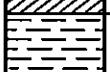
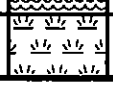
Blow Counts = Number of blows required to drive a California-modified split-spoon sampler using a 140-pound hammer falling freely 30 inches, recorded per 6-inch interval of a total 18-inch sample interval

(10YR 4/4) = Soil color according to Munsell Soil Color Charts

msl = Mean sea level

Soils logged according to the USCS.

UNIFIED SOILS CLASSIFICATION SYSTEM (USCS) SUMMARY

Major Divisions			Graphic	Group Symbol	Typical Description
Coarse-Grained Soils (>50% Sands and/or Gravels)	Gravel and Gravelly Soils	Clean Gravels (≤5% fines)		GW	Well-graded gravels, gravel-sand mixtures, little or no fines
				GP	Poorly-graded gravels, gravel-sand mixtures, little or no fines
		Gravels with Fines (≥15% fines)		GM	Silty gravels, gravel-sand-silt mixtures
				GC	Clayey gravels, gravel-sand-clay mixtures
	Sand and Sandy Soils	Clean Sands (≤5% fines)		SW	Well-graded sands, gravelly sands, little or no fines
				SP	Poorly-graded sands, gravelly sand, little or no fines
		Sands with Fines (≥15% fines)		SM	Silty sands, sand-silt mixtures
				SC	Clayey sands, sand-clay mixtures
Fine-Grained Soils (>50% Silts and/or Clays)	Silts and Clays			ML	Inorganic silts, very fine sands, silty or clayey fine sands, clayey silts with slight plasticity
				CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
				OL	Organic silts and organic silty clays of low plasticity
	Silts and Clays			MH	Inorganic silts, micaceous or diatomaceous fine sand or silty soils
				CH	Inorganic clays of high plasticity
				OH	Organic clays of medium to high plasticity, organic silts
Highly Organic Soils				PT	Peat, humus, swamp soils with high organic contents

M:\Templates & Forms\Boring Logs\Boring Log Legend

CAMBRIA

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**	SB-7
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	18-Apr-06
LOCATION	1800 1/2 Powell Street, Emeryville, CA	**DRILLING COMPLETED**	19-Apr-06
PROJECT NUMBER	248-0894-006	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVALS**	NA
LOGGED BY	Ron Barone	**DEPTH TO WATER (First Encountered)**	6.5 fbg (19-Apr-06) ▽
REVIEWED BY	David Gibbs PG 7804	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Airknife to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							CONCRETE	0.7	
					GM		**Silty GRAVEL**(GM); gray; moist; 10% clay, 25% silt, 65% medium gravel.	2.5	
1		SB-7-3					**Clayey SAND**(SC); greenish black; dry; 15% clay, 10% silt, 75% fine to medium sand.		
				5					
30		SB-7-5.5			SC		**Clayey SAND with gravel**(SC); black; dry; 15% clay, 10% silt, 60% fine to medium sand, 15% fine gravel. ▽		Portland Type I/II
							Clayey SAND(SC); black; wet; 15% clay, 85% fine to medium sand.		
				10				10.5	
					SP		**Poorly graded SAND**(SP); greenish gray; wet; 5% silt, 95% fine to medium sand.	12.0	Bottom of Boring @ 12 fbg

WELL LOG (PID) G:\EMERYV~1\GINT\1800 POWELL.GPJ DEFAULT.GDT 5/24/06

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**	SB-8
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	18-Apr-06
LOCATION	1800 1/2 Powell Street, Emeryville, CA	**DRILLING COMPLETED**	18-Apr-06
PROJECT NUMBER	248-0894-006	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	4"	**SCREENED INTERVALS**	NA
LOGGED BY	Ron Barone	**DEPTH TO WATER (First Encountered)**	9.0 fbg (18-Apr-06) ▽
REVIEWED BY	David Gibbs PG 7804	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Hand augered to 10 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							CONCRETE	0.7	
					SP SC		**Poorly graded SAND with clay and gravel**(SP-SC); black; moist to wet; 5% clay, 5% silt, 65% medium sand, 25% fine gravel.	3.0	
11		SB-8-5		5			**FILL**; black; moist to wet; 25% clay, 25% silt, 50% roofing and tar paper with wood debris.		Portland Type I/II
12		SB-8-8					**FILL**; brown; moist to wet; 10% clay, 25% silt, 65% roofing and tar paper with wood debris. ▽		
				10				10.0	Bottom of Boring @ 10 fbg

WELL LOG (PID) G:\EMERYV~1\GINT\1800 POWELL.GPJ DEFAULT.GDT 5/24/06

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-9
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	18-Apr-06
LOCATION	1800 1/2 Powell Street, Emeryville, CA	**DRILLING COMPLETED**	19-Apr-06
PROJECT NUMBER	248-0894-006	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVALS**	NA
LOGGED BY	Ron Barone	**DEPTH TO WATER (First Encountered)**	8.5 fbg (19-Apr-06) ▽
REVIEWED BY	David Gibbs PG 7804	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Airknife to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							CONCRETE	0.7	
							Silty GRAVEL(GM); brown; dry; 10% clay, 25% silt, 65% fine to coarse gravel.		
0		SB-9-4		5	GM		**Silty GRAVEL** (GM); brown; dry; 5% clay, 30% silt, 65% fine to coarse gravel.		Portland Type I/II
								7.0	
0		SB-9-7.5			ML		**SILT** (ML); dark brown; moist; 25% clay, 40% silt, 35% wood debris. ▽	8.5	
					SP SM		**Poorly graded SAND with silt and grave**(SP-SM); black; wet; 10% silt, 65% fine to medium sand, 25% fine gravel.	9.5	
				10			**FILL**; brownish black; wet; 100% roof and tar papers.		
								12.0	Bottom of Boring @ 12 fbg

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-10
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	18-Apr-06
LOCATION	1800 1/2 Powell Street, Emeryville, CA	**DRILLING COMPLETED**	19-Apr-06
PROJECT NUMBER	248-0894-006	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVALS**	NA
LOGGED BY	Ron Barone	**DEPTH TO WATER (First Encountered)**	10.0 fbg (19-Apr-06) ▽
REVIEWED BY	David Gibbs PG 7804	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Airknife to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							CONCRETE	0.7	
					GM		**Silty GRAVEL**(GM); greenish gray; moist; 5% clay, 35% silt, 60% fine to coarse gravel.	2.0	
					ML		**Gravelly SILT**(ML); grayish brown; dry; 5% clay, 50% silt, 45% coarse gravel.		
80		SB-10 -4		5			**Gravelly SILT**(ML); grayish brown; 5% clay, 50% silt, 10% fine sand, 35% coarse gravel.	5.0	
					GM		**Silty GRAVEL** (GM); grayish brown; dry; 5% clay, 35% silt, 10% fine sand, 50% medium to coarse gravel.	6.5	◄ Portland Type I/II
0		SB-10 -6.5					**FILL**; black; moist to wet; roofing and tar paper and wood debris.		
				10			▽		
								11.0	
					ML		**SILT with gravel**(ML); brown; moist; 10% clay, 75% silt, 15% fine gravel.	12.0	Bottom of Boring @ 12 fbg

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-11
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	18-Apr-06
LOCATION	1800 1/2 Powell Street, Emeryville, CA	**DRILLING COMPLETED**	19-Apr-06
PROJECT NUMBER	248-0894-006	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVALS**	NA
LOGGED BY	Ron Barone	**DEPTH TO WATER (First Encountered)**	10.5 fbg (19-Apr-06) ▽
REVIEWED BY	David Gibbs PG 7804	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Airknife to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							CONCRETE	0.8	
					GM		**Silty GRAVEL**(GM); greenish gray; dry; 5% clay, 25% silt, 70% fine gravel, trace cobbles.	3.5	
2		SB-11 -4		5	ML		**Gravelly SILT**(ML); grayish brown; moist; 10% clay, 50% silt, 40% fine gravel.		
3		SB-11 -6					**Gravelly SILT**(ML); dark brown; moist; 10% clay, 50%silt, 40% fine gravel.	7.0	◄ Portland Type I/II
							FILL; black; moist; roofing and tar paper and wood debris.		
				10			**FILL**; black; wet; roofing and tar paper and wood debris. ▽		
								12.0	Bottom of Boring @ 12 fbg

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-12
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	18-Apr-06
LOCATION	1800 1/2 Powell Street, Emeryville, CA	**DRILLING COMPLETED**	18-Apr-06
PROJECT NUMBER	248-0894-006	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	4"	**SCREENED INTERVALS**	NA
LOGGED BY	Ron Barone	**DEPTH TO WATER (First Encountered)**	9.0 fbg (18-Apr-06) ▽
REVIEWED BY	David Gibbs PG 7804	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Hand augered to 9 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							CONCRETE	0.7	Portland Type I/II
					SM		**Silty SAND with gravel** (SM); gray; dry; 20% silt, 60% fine and medium sand, 20% fine gravel.		
381		SB-12 -3					**Silty SAND** (SM); brownish gray; dry; 25% silt, 60% fine and medium sand, 15% wood debris.	4.5	
				5					
95		SB-12 -6			SP		**Poorly graded SAND** (SP); gray; dry; 5% silt, 95% fine to medium sand.		
							Poorly graded SAND (SP); gray; wet; 100% fine to medium sand. ▽	9.0	Bottom of Boring @ 9 fbg

WELL LOG (PID) G:\EMERYV~1\GINT\1800 POWELL.GPJ DEFAULT.GDT 5/24/06

ATTACHMENT D

Laboratory Analytical Reports

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

May 04, 2006

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

Work Order: NPD2911
Project Name: 1800 Powell Street, Emeryville, CA
Project Nbr: SAP 135266
P/O Nbr: 98995349
Date Received: 04/22/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
SB-7-3	NPD2911-01	04/18/06 11:45
SB-8-5	NPD2911-02	04/18/06 13:00
SB-8-8	NPD2911-03	04/18/06 13:15
SB-8-W	NPD2911-04	04/18/06 13:30
SB-9-4	NPD2911-05	04/18/06 14:30
SB-11-4	NPD2911-06	04/18/06 15:30
SB-10-4	NPD2911-07	04/18/06 17:00
SB-12-3	NPD2911-08	04/18/06 17:50
SB-12-6	NPD2911-09	04/18/06 18:10
SB-12-W	NPD2911-10	04/18/06 18:10
SB-7-5.5	NPD2911-11	04/19/06 08:00
SB-7-W	NPD2911-12	04/19/06 08:00
SB-9-7.5	NPD2911-13	04/19/06 08:50
SB-9-W	NPD2911-14	04/19/06 09:00
SB-11-6	NPD2911-15	04/19/06 09:45
SB-11-W	NPD2911-16	04/19/06 10:10
SB-10-6	NPD2911-17	04/19/06 10:45
SB-10-W	NPD2911-18	04/19/06 11:00

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 accredidation.

Additional Laboratory Comments:
Revised Report 05-03-06jh Sample NPD2911-15 The sample description was changed from G to a 6. Revised Report 05-04-06jh The sampling date was corrected for 4 samples SB-7-W, SB-9-W, SB-11-W and SB-10-W to 4/19/06.
California Certification Number: 01168CA

The Chain(s) of Custody, 5 pages, are included and are an integral part of this report.

Report Approved By:

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

Jim Hatfield
Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD2911-01 (SB-7-3 - Soil) Sampled: 04/18/06 11:45								
General Chemistry Parameters								
% Dry Solids	**85.0**		%	0.500	1	04/25/06 09:21	SW-846	6044320
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	05/01/06 15:25	SW846 8260B	6050154
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	05/01/06 15:25	SW846 8260B	6050154
Ethylbenzene	ND	PX	mg/kg	0.00200	1	05/01/06 15:25	SW846 8260B	6050154
Methyl tert-Butyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 15:25	SW846 8260B	6050154
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 15:25	SW846 8260B	6050154
Toluene	**0.00223**	PX	mg/kg	0.00200	1	05/01/06 15:25	SW846 8260B	6050154
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	05/01/06 15:25	SW846 8260B	6050154
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 15:25	SW846 8260B	6050154
Xylenes, total	ND	PX	mg/kg	0.00500	1	05/01/06 15:25	SW846 8260B	6050154
Surr: 1,2-Dichloroethane-d4 (72-125%)	*89 %*					*05/01/06 15:25*	*SW846 8260B*	*6050154*
Surr: Dibromofluoromethane (73-124%)	*90 %*					*05/01/06 15:25*	*SW846 8260B*	*6050154*
Surr: Toluene-d8 (80-124%)	*109 %*					*05/01/06 15:25*	*SW846 8260B*	*6050154*
Surr: 4-Bromofluorobenzene (25-185%)	*88 %*					*05/01/06 15:25*	*SW846 8260B*	*6050154*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**0.539**	PX	mg/kg	0.100	1	05/01/06 15:25	CA LUFT GC/MS	6050154
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**32.3**		mg/kg	3.93	1	04/26/06 20:34	SW846 8015B	6044156
Surr: o-Terphenyl (56-143%)	*81 %*					*04/26/06 20:34*	*SW846 8015B*	*6044156*
Sample ID: NPD2911-02 (SB-8-5 - Soil) Sampled: 04/18/06 13:00								
General Chemistry Parameters								
% Dry Solids	**72.0**		%	0.500	1	04/25/06 09:21	SW-846	6044320
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**0.00266**	PX	mg/kg	0.00200	1	05/01/06 15:56	SW846 8260B	6050154
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	05/01/06 15:56	SW846 8260B	6050154
Ethylbenzene	**0.00426**	PX	mg/kg	0.00200	1	05/01/06 15:56	SW846 8260B	6050154
Methyl tert-Butyl Ether	**0.00513**	PX	mg/kg	0.00200	1	05/01/06 15:56	SW846 8260B	6050154
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 15:56	SW846 8260B	6050154
Toluene	**0.00666**	PX	mg/kg	0.00200	1	05/01/06 15:56	SW846 8260B	6050154
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	05/01/06 15:56	SW846 8260B	6050154
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 15:56	SW846 8260B	6050154
Xylenes, total	**0.0141**	PX	mg/kg	0.00500	1	05/01/06 15:56	SW846 8260B	6050154
Surr: 1,2-Dichloroethane-d4 (72-125%)	*86 %*					*05/01/06 15:56*	*SW846 8260B*	*6050154*
Surr: Dibromofluoromethane (73-124%)	*89 %*					*05/01/06 15:56*	*SW846 8260B*	*6050154*
Surr: Toluene-d8 (80-124%)	*112 %*					*05/01/06 15:56*	*SW846 8260B*	*6050154*
Surr: 4-Bromofluorobenzene (25-185%)	*92 %*					*05/01/06 15:56*	*SW846 8260B*	*6050154*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**6.27**	PX	mg/kg	0.100	1	05/01/06 15:56	CA LUFT GC/MS	6050154
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD2911-02 (SB-8-5 - Soil) - cont. Sampled: 04/18/06 13:00								
Extractable Petroleum Hydrocarbons with Silica Gel Treatment - cont.								
Diesel	**6060**		mg/kg	1980	100	04/26/06 21:26	SW846 8015B	6044156
Surr: o-Terphenyl (56-143%)	*	*Z3*				*04/26/06 21:26*	*SW846 8015B*	*6044156*
Sample ID: NPD2911-03 (SB-8-8 - Soil) Sampled: 04/18/06 13:15								
General Chemistry Parameters								
% Dry Solids	**75.0**		%	0.500	1	04/25/06 09:21	SW-846	6044320
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	05/01/06 16:28	SW846 8260B	6050154
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	05/01/06 16:28	SW846 8260B	6050154
Ethylbenzene	ND	PX	mg/kg	0.00200	1	05/01/06 16:28	SW846 8260B	6050154
Methyl tert-Butyl Ether	**0.00307**	PX	mg/kg	0.00200	1	05/01/06 16:28	SW846 8260B	6050154
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 16:28	SW846 8260B	6050154
Toluene	**0.00582**	PX	mg/kg	0.00200	1	05/01/06 16:28	SW846 8260B	6050154
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	05/01/06 16:28	SW846 8260B	6050154
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 16:28	SW846 8260B	6050154
Xylenes, total	ND	PX	mg/kg	0.00500	1	05/01/06 16:28	SW846 8260B	6050154
Surr: 1,2-Dichloroethane-d4 (72-125%)	*83 %*					*05/01/06 16:28*	*SW846 8260B*	*6050154*
Surr: Dibromofluoromethane (73-124%)	*89 %*					*05/01/06 16:28*	*SW846 8260B*	*6050154*
Surr: Toluene-d8 (80-124%)	*109 %*					*05/01/06 16:28*	*SW846 8260B*	*6050154*
Surr: 4-Bromofluorobenzene (25-185%)	*94 %*					*05/01/06 16:28*	*SW846 8260B*	*6050154*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**6.13**	PX	mg/kg	0.100	1	05/01/06 16:28	CA LUFT GC/MS	6050154
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**717**		mg/kg	39.8	10	04/26/06 21:43	SW846 8015B	6044156
Surr: o-Terphenyl (56-143%)	*	*Z3*				*04/26/06 21:43*	*SW846 8015B*	*6044156*
Sample ID: NPD2911-04 (SB-8-W - Water) Sampled: 04/18/06 13:30								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	04/28/06 18:06	SW846 8260B	6045513
Benzene	**0.620**		ug/L	0.500	1	04/28/06 18:06	SW846 8260B	6045513
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	04/28/06 18:06	SW846 8260B	6045513
Diisopropyl Ether	ND		ug/L	0.500	1	04/28/06 18:06	SW846 8260B	6045513
Ethylbenzene	ND		ug/L	0.500	1	04/28/06 18:06	SW846 8260B	6045513
Methyl tert-Butyl Ether	**72.7**		ug/L	0.500	1	04/28/06 18:06	SW846 8260B	6045513
Toluene	ND		ug/L	0.500	1	04/28/06 18:06	SW846 8260B	6045513
Tertiary Butyl Alcohol	**50.4**		ug/L	10.0	1	04/28/06 18:06	SW846 8260B	6045513
Xylenes, total	ND		ug/L	0.500	1	04/28/06 18:06	SW846 8260B	6045513
Surr: 1,2-Dichloroethane-d4 (70-130%)	*93 %*					*04/28/06 18:06*	*SW846 8260B*	*6045513*
Surr: Dibromofluoromethane (79-122%)	*106 %*					*04/28/06 18:06*	*SW846 8260B*	*6045513*
Surr: Toluene-d8 (78-121%)	*101 %*					*04/28/06 18:06*	*SW846 8260B*	*6045513*
Surr: 4-Bromofluorobenzene (78-126%)	*103 %*					*04/28/06 18:06*	*SW846 8260B*	*6045513*
Purgeable Petroleum Hydrocarbons								

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD2911-04 (SB-8-W - Water) - cont. Sampled: 04/18/06 13:30								
Purgeable Petroleum Hydrocarbons - cont.								
Gasoline Range Organics	ND		ug/L	50.0	1	04/28/06 18:06	CA LUFT GC/MS	6045513
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**30400**		ug/L	3120	10	04/26/06 17:42	SW846 8015B	6044352
Surr: o-Terphenyl (55-150%)	*	*Z3*				*04/26/06 17:42*	*SW846 8015B*	*6044352*
Sample ID: NPD2911-05 (SB-9-4 - Soil) Sampled: 04/18/06 14:30								
General Chemistry Parameters								
% Dry Solids	**92.6**		%	0.500	1	04/25/06 09:21	SW-846	6044320
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	05/01/06 12:16	SW846 8260B	6050154
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	05/01/06 12:16	SW846 8260B	6050154
Ethylbenzene	**0.00205**	PX	mg/kg	0.00200	1	05/01/06 12:16	SW846 8260B	6050154
Methyl tert-Butyl Ether	**0.00595**	PX	mg/kg	0.00200	1	05/01/06 12:16	SW846 8260B	6050154
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 12:16	SW846 8260B	6050154
Toluene	ND	PX	mg/kg	0.00200	1	05/01/06 12:16	SW846 8260B	6050154
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	05/01/06 12:16	SW846 8260B	6050154
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 12:16	SW846 8260B	6050154
Xylenes, total	**0.00755**	PX	mg/kg	0.00500	1	05/01/06 12:16	SW846 8260B	6050154
Surr: 1,2-Dichloroethane-d4 (72-125%)	*92 %*					*05/01/06 12:16*	*SW846 8260B*	*6050154*
Surr: Dibromofluoromethane (73-124%)	*93 %*					*05/01/06 12:16*	*SW846 8260B*	*6050154*
Surr: Toluene-d8 (80-124%)	*98 %*					*05/01/06 12:16*	*SW846 8260B*	*6050154*
Surr: 4-Bromofluorobenzene (25-185%)	*99 %*					*05/01/06 12:16*	*SW846 8260B*	*6050154*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**0.876**	PX	mg/kg	0.100	1	05/01/06 12:16	CA LUFT GC/MS	6050154
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**202**		mg/kg	197	50	04/27/06 09:40	SW846 8015B	6044156
Surr: o-Terphenyl (56-143%)	*	*Z3*				*04/27/06 09:40*	*SW846 8015B*	*6044156*
Sample ID: NPD2911-06 (SB-11-4 - Soil) Sampled: 04/18/06 15:30								
General Chemistry Parameters								
% Dry Solids	**82.7**		%	0.500	1	04/25/06 09:21	SW-846	6044320
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	05/01/06 12:47	SW846 8260B	6050154
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	05/01/06 12:47	SW846 8260B	6050154
Ethylbenzene	ND	PX	mg/kg	0.00200	1	05/01/06 12:47	SW846 8260B	6050154
Methyl tert-Butyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 12:47	SW846 8260B	6050154
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 12:47	SW846 8260B	6050154
Toluene	ND	PX	mg/kg	0.00200	1	05/01/06 12:47	SW846 8260B	6050154
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	05/01/06 12:47	SW846 8260B	6050154
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 12:47	SW846 8260B	6050154
Xylenes, total	ND	PX	mg/kg	0.00500	1	05/01/06 12:47	SW846 8260B	6050154

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	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD2911-06 (SB-11-4 - Soil) - cont. Sampled: 04/18/06 15:30								
Selected Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 1,2-Dichloroethane-d4 (72-125%)	*91 %*					*05/01/06 12:47*	*SW846 8260B*	*6050154*
Surr: Dibromofluoromethane (73-124%)	*94 %*					*05/01/06 12:47*	*SW846 8260B*	*6050154*
Surr: Toluene-d8 (80-124%)	*98 %*					*05/01/06 12:47*	*SW846 8260B*	*6050154*
Surr: 4-Bromofluorobenzene (25-185%)	*99 %*					*05/01/06 12:47*	*SW846 8260B*	*6050154*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**0.237**	PX	mg/kg	0.100	1	05/01/06 12:47	CA LUFT GC/MS	6050154
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**37.0**		mg/kg	4.00	1	04/27/06 09:58	SW846 8015B	6044156
Surr: o-Terphenyl (56-143%)	*64 %*					*04/27/06 09:58*	*SW846 8015B*	*6044156*
Sample ID: NPD2911-07 (SB-10-4 - Soil) Sampled: 04/18/06 17:00								
General Chemistry Parameters								
% Dry Solids	**90.6**		%	0.500	1	04/25/06 09:21	SW-846	6044320
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**0.0987**	PX	mg/kg	0.00200	1	05/01/06 16:59	SW846 8260B	6050154
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	05/01/06 16:59	SW846 8260B	6050154
Ethylbenzene	**0.123**	PX	mg/kg	0.00200	1	05/01/06 16:59	SW846 8260B	6050154
Methyl tert-Butyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 16:59	SW846 8260B	6050154
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 16:59	SW846 8260B	6050154
Toluene	**0.00264**	PX	mg/kg	0.00200	1	05/01/06 16:59	SW846 8260B	6050154
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	05/01/06 16:59	SW846 8260B	6050154
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 16:59	SW846 8260B	6050154
Xylenes, total	**0.0165**	PX	mg/kg	0.00500	1	05/01/06 16:59	SW846 8260B	6050154
Surr: 1,2-Dichloroethane-d4 (72-125%)	*84 %*					*05/01/06 16:59*	*SW846 8260B*	*6050154*
Surr: Dibromofluoromethane (73-124%)	*89 %*					*05/01/06 16:59*	*SW846 8260B*	*6050154*
Surr: Toluene-d8 (80-124%)	*106 %*					*05/01/06 16:59*	*SW846 8260B*	*6050154*
Surr: 4-Bromofluorobenzene (25-185%)	*87 %*					*05/01/06 16:59*	*SW846 8260B*	*6050154*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**307**	PX	mg/kg	5.00	50	05/02/06 14:53	CA LUFT GC/MS	6044483
Surr: 1,2-Dichloroethane-d4 (0-200%)	*92 %*					*05/02/06 14:53*	*CA LUFT GC/MS*	*6044483*
Surr: Dibromofluoromethane (0-200%)	*89 %*					*05/02/06 14:53*	*CA LUFT GC/MS*	*6044483*
Surr: Toluene-d8 (0-200%)	*104 %*					*05/02/06 14:53*	*CA LUFT GC/MS*	*6044483*
Surr: 4-Bromofluorobenzene (0-200%)	*79 %*					*05/02/06 14:53*	*CA LUFT GC/MS*	*6044483*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**5.18**		mg/kg	3.94	1	04/27/06 10:15	SW846 8015B	6044156
Surr: o-Terphenyl (56-143%)	*56 %*					*04/27/06 10:15*	*SW846 8015B*	*6044156*
Sample ID: NPD2911-08 (SB-12-3 - Soil) Sampled: 04/18/06 17:50								
General Chemistry Parameters								
% Dry Solids	**78.7**		%	0.500	1	04/25/06 09:21	SW-846	6044320
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**0.0742**	PX	mg/kg	0.00200	1	05/02/06 15:24	SW846 8260B	6044483

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	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD2911-08 (SB-12-3 - Soil) - cont. Sampled: 04/18/06 17:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	05/02/06 15:24	SW846 8260B	6044483
Ethylbenzene	**0.0279**	PX	mg/kg	0.00200	1	05/02/06 15:24	SW846 8260B	6044483
Methyl tert-Butyl Ether	**0.0396**	PX	mg/kg	0.00200	1	05/02/06 15:24	SW846 8260B	6044483
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	05/02/06 15:24	SW846 8260B	6044483
Toluene	**0.0156**	PX	mg/kg	0.00200	1	05/02/06 15:24	SW846 8260B	6044483
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	05/02/06 15:24	SW846 8260B	6044483
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	05/02/06 15:24	SW846 8260B	6044483
Xylenes, total	**0.150**	PX	mg/kg	0.00500	1	05/02/06 15:24	SW846 8260B	6044483
Surr: 1,2-Dichloroethane-d4 (72-125%)	*82 %*					*05/02/06 15:24*	*SW846 8260B*	*6044483*
Surr: Dibromofluoromethane (73-124%)	*87 %*					*05/02/06 15:24*	*SW846 8260B*	*6044483*
Surr: Toluene-d8 (80-124%)	*109 %*					*05/02/06 15:24*	*SW846 8260B*	*6044483*
Surr: 4-Bromofluorobenzene (25-185%)	*87 %*					*05/02/06 15:24*	*SW846 8260B*	*6044483*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**502**	PX	mg/kg	5.00	50	05/02/06 15:56	CA LUFT GC/MS	6044483
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**277**		mg/kg	39.9	10	04/26/06 22:54	SW846 8015B	6044156
Surr: o-Terphenyl (56-143%)	*	*Z3*				*04/26/06 22:54*	*SW846 8015B*	*6044156*
Sample ID: NPD2911-09 (SB-12-6 - Soil) Sampled: 04/18/06 18:10								
General Chemistry Parameters								
% Dry Solids	**87.7**		%	0.500	1	04/25/06 09:21	SW-846	6044320
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**0.00570**	PX	mg/kg	0.00200	1	05/01/06 13:19	SW846 8260B	6050154
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	05/01/06 13:19	SW846 8260B	6050154
Ethylbenzene	ND	PX	mg/kg	0.00200	1	05/01/06 13:19	SW846 8260B	6050154
Methyl tert-Butyl Ether	**0.00395**	PX	mg/kg	0.00200	1	05/01/06 13:19	SW846 8260B	6050154
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 13:19	SW846 8260B	6050154
Toluene	ND	PX	mg/kg	0.00200	1	05/01/06 13:19	SW846 8260B	6050154
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	05/01/06 13:19	SW846 8260B	6050154
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 13:19	SW846 8260B	6050154
Xylenes, total	ND	PX	mg/kg	0.00500	1	05/01/06 13:19	SW846 8260B	6050154
Surr: 1,2-Dichloroethane-d4 (72-125%)	*91 %*					*05/01/06 13:19*	*SW846 8260B*	*6050154*
Surr: Dibromofluoromethane (73-124%)	*88 %*					*05/01/06 13:19*	*SW846 8260B*	*6050154*
Surr: Toluene-d8 (80-124%)	*103 %*					*05/01/06 13:19*	*SW846 8260B*	*6050154*
Surr: 4-Bromofluorobenzene (25-185%)	*82 %*					*05/01/06 13:19*	*SW846 8260B*	*6050154*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**1.08**	PX	mg/kg	0.100	1	05/01/06 13:19	CA LUFT GC/MS	6050154
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**24.4**		mg/kg	3.99	1	04/26/06 23:11	SW846 8015B	6044156
Surr: o-Terphenyl (56-143%)	*87 %*					*04/26/06 23:11*	*SW846 8015B*	*6044156*

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	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD2911-10 (SB-12-W - Water) Sampled: 04/18/06 18:10								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	04/28/06 18:28	SW846 8260B	6045513
Benzene	**8.14**		ug/L	0.500	1	04/28/06 18:28	SW846 8260B	6045513
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	04/28/06 18:28	SW846 8260B	6045513
Diisopropyl Ether	ND		ug/L	0.500	1	04/28/06 18:28	SW846 8260B	6045513
Ethylbenzene	**0.850**		ug/L	0.500	1	04/28/06 18:28	SW846 8260B	6045513
Methyl tert-Butyl Ether	**48.7**		ug/L	0.500	1	04/28/06 18:28	SW846 8260B	6045513
Toluene	**5.11**		ug/L	0.500	1	04/28/06 18:28	SW846 8260B	6045513
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	04/28/06 18:28	SW846 8260B	6045513
Xylenes, total	**12.2**		ug/L	0.500	1	04/28/06 18:28	SW846 8260B	6045513
Surr: 1,2-Dichloroethane-d4 (70-130%)	*90 %*					*04/28/06 18:28*	*SW846 8260B*	*6045513*
Surr: Dibromofluoromethane (79-122%)	*105 %*					*04/28/06 18:28*	*SW846 8260B*	*6045513*
Surr: Toluene-d8 (78-121%)	*99 %*					*04/28/06 18:28*	*SW846 8260B*	*6045513*
Surr: 4-Bromofluorobenzene (78-126%)	*101 %*					*04/28/06 18:28*	*SW846 8260B*	*6045513*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**3270**		ug/L	50.0	1	04/28/06 18:28	CA LUFT GC/MS	6045513
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**1980**		ug/L	312	1	04/26/06 18:00	SW846 8015B	6044352
Surr: o-Terphenyl (55-150%)	*99 %*					*04/26/06 18:00*	*SW846 8015B*	*6044352*
Sample ID: NPD2911-11 (SB-7-5.5 - Soil) Sampled: 04/19/06 08:00								
General Chemistry Parameters								
% Dry Solids	**81.2**		%	0.500	1	04/25/06 09:21	SW-846	6044320
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	05/01/06 18:34	SW846 8260B	6050154
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	05/01/06 18:34	SW846 8260B	6050154
Ethylbenzene	**0.0805**	PX	mg/kg	0.00200	1	05/01/06 18:34	SW846 8260B	6050154
Methyl tert-Butyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 18:34	SW846 8260B	6050154
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 18:34	SW846 8260B	6050154
Toluene	**0.0160**	PX	mg/kg	0.00200	1	05/01/06 18:34	SW846 8260B	6050154
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	05/01/06 18:34	SW846 8260B	6050154
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 18:34	SW846 8260B	6050154
Xylenes, total	**0.328**	PX	mg/kg	0.00500	1	05/01/06 18:34	SW846 8260B	6050154
Surr: 1,2-Dichloroethane-d4 (72-125%)	*86 %*					*05/01/06 18:34*	*SW846 8260B*	*6050154*
Surr: Dibromofluoromethane (73-124%)	*89 %*					*05/01/06 18:34*	*SW846 8260B*	*6050154*
Surr: Toluene-d8 (80-124%)	*106 %*					*05/01/06 18:34*	*SW846 8260B*	*6050154*
Surr: 4-Bromofluorobenzene (25-185%)	*89 %*					*05/01/06 18:34*	*SW846 8260B*	*6050154*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**4.41**	PX	mg/kg	0.100	1	05/01/06 18:34	CA LUFT GC/MS	6050154
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**123**		mg/kg	39.6	10	04/26/06 23:29	SW846 8015B	6044156
Surr: o-Terphenyl (56-143%)	*	*Z3*				*04/26/06 23:29*	*SW846 8015B*	*6044156*

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Attn	Anni Kreml	Received:	04/22/06 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD2911-12 (SB-7-W - Water) Sampled: 04/19/06 08:00								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	04/28/06 18:50	SW846 8260B	6045513
Benzene	**6.64**		ug/L	0.500	1	04/28/06 18:50	SW846 8260B	6045513
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	04/28/06 18:50	SW846 8260B	6045513
Diisopropyl Ether	ND		ug/L	0.500	1	04/28/06 18:50	SW846 8260B	6045513
Ethylbenzene	**2.00**		ug/L	0.500	1	04/28/06 18:50	SW846 8260B	6045513
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	04/28/06 18:50	SW846 8260B	6045513
Toluene	**3.39**		ug/L	0.500	1	04/28/06 18:50	SW846 8260B	6045513
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	04/28/06 18:50	SW846 8260B	6045513
Xylenes, total	**18.9**		ug/L	0.500	1	04/28/06 18:50	SW846 8260B	6045513
Surr: 1,2-Dichloroethane-d4 (70-130%)	*94 %*					*04/28/06 18:50*	*SW846 8260B*	*6045513*
Surr: Dibromofluoromethane (79-122%)	*105 %*					*04/28/06 18:50*	*SW846 8260B*	*6045513*
Surr: Toluene-d8 (78-121%)	*103 %*					*04/28/06 18:50*	*SW846 8260B*	*6045513*
Surr: 4-Bromofluorobenzene (78-126%)	*104 %*					*04/28/06 18:50*	*SW846 8260B*	*6045513*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**13500**		ug/L	2500	50	04/30/06 16:46	CA LUFT GC/MS	6050170
Surr: 1,2-Dichloroethane-d4 (0-200%)	*93 %*					*04/30/06 10:52*	*CA LUFT GC/MS*	*6050170*
Surr: Dibromofluoromethane (0-200%)	*106 %*					*04/30/06 10:52*	*CA LUFT GC/MS*	*6050170*
Surr: Toluene-d8 (0-200%)	*102 %*					*04/30/06 10:52*	*CA LUFT GC/MS*	*6050170*
Surr: 4-Bromofluorobenzene (0-200%)	*104 %*					*04/30/06 10:52*	*CA LUFT GC/MS*	*6050170*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**23900**		ug/L	2500	10	04/26/06 18:17	SW846 8015B	6044352
Surr: o-Terphenyl (55-150%)	*	*Z3*				*04/26/06 18:17*	*SW846 8015B*	*6044352*
Sample ID: NPD2911-13 (SB-9-7.5 - Soil) Sampled: 04/19/06 08:50								
General Chemistry Parameters								
% Dry Solids	**78.2**		%	0.500	1	04/25/06 09:21	SW-846	6044320
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	05/01/06 13:51	SW846 8260B	6050154
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	05/01/06 13:51	SW846 8260B	6050154
Ethylbenzene	ND	PX	mg/kg	0.00200	1	05/01/06 13:51	SW846 8260B	6050154
Methyl tert-Butyl Ether	**0.0132**	PX	mg/kg	0.00200	1	05/01/06 13:51	SW846 8260B	6050154
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 13:51	SW846 8260B	6050154
Toluene	ND	PX	mg/kg	0.00200	1	05/01/06 13:51	SW846 8260B	6050154
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	05/01/06 13:51	SW846 8260B	6050154
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 13:51	SW846 8260B	6050154
Xylenes, total	ND	PX	mg/kg	0.00500	1	05/01/06 13:51	SW846 8260B	6050154
Surr: 1,2-Dichloroethane-d4 (72-125%)	*91 %*					*05/01/06 13:51*	*SW846 8260B*	*6050154*
Surr: Dibromofluoromethane (73-124%)	*89 %*					*05/01/06 13:51*	*SW846 8260B*	*6050154*
Surr: Toluene-d8 (80-124%)	*111 %*					*05/01/06 13:51*	*SW846 8260B*	*6050154*
Surr: 4-Bromofluorobenzene (25-185%)	*92 %*					*05/01/06 13:51*	*SW846 8260B*	*6050154*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**0.500**	PX	mg/kg	0.100	1	05/01/06 13:51	CA LUFT GC/MS	6050154

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD2911-13 (SB-9-7.5 - Soil) - cont. Sampled: 04/19/06 08:50								
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**11.3**		mg/kg	3.94	1	04/26/06 23:47	SW846 8015B	6044156
Surr: o-Terphenyl (56-143%)	*86 %*					*04/26/06 23:47*	*SW846 8015B*	*6044156*
Sample ID: NPD2911-14 (SB-9-W - Water) Sampled: 04/19/06 09:00								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	5.00	10	04/25/06 16:48	SW846 8260B	6044541
Benzene	ND		ug/L	5.00	10	04/25/06 16:48	SW846 8260B	6044541
Ethyl tert-Butyl Ether	ND		ug/L	5.00	10	04/25/06 16:48	SW846 8260B	6044541
Diisopropyl Ether	ND		ug/L	5.00	10	04/25/06 16:48	SW846 8260B	6044541
Ethylbenzene	ND		ug/L	5.00	10	04/25/06 16:48	SW846 8260B	6044541
Methyl tert-Butyl Ether	**32.7**		ug/L	5.00	10	04/25/06 16:48	SW846 8260B	6044541
Toluene	ND		ug/L	5.00	10	04/25/06 16:48	SW846 8260B	6044541
Tertiary Butyl Alcohol	ND		ug/L	100	10	04/25/06 16:48	SW846 8260B	6044541
Xylenes, total	ND		ug/L	5.00	10	04/25/06 16:48	SW846 8260B	6044541
Surr: 1,2-Dichloroethane-d4 (70-130%)	*93 %*					*04/25/06 16:48*	*SW846 8260B*	*6044541*
Surr: Dibromofluoromethane (79-122%)	*82 %*					*04/25/06 16:48*	*SW846 8260B*	*6044541*
Surr: Toluene-d8 (78-121%)	*97 %*					*04/25/06 16:48*	*SW846 8260B*	*6044541*
Surr: 4-Bromofluorobenzene (78-126%)	*95 %*					*04/25/06 16:48*	*SW846 8260B*	*6044541*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	500	10	04/25/06 16:48	CA LUFT GC/MS	6044541
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**66000**		ug/L	12500	50	04/27/06 08:49	SW846 8015B	6044352
Surr: o-Terphenyl (55-150%)	*	*Z3*				*04/27/06 08:49*	*SW846 8015B*	*6044352*
Sample ID: NPD2911-15 (SB-11-6 - Soil) Sampled: 04/19/06 09:45								
General Chemistry Parameters								
% Dry Solids	**83.0**		%	0.500	1	04/25/06 09:21	SW-846	6044320
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	PX	mg/kg	0.00200	1	05/01/06 14:22	SW846 8260B	6050154
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	05/01/06 14:22	SW846 8260B	6050154
Ethylbenzene	ND	PX	mg/kg	0.00200	1	05/01/06 14:22	SW846 8260B	6050154
Methyl tert-Butyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 14:22	SW846 8260B	6050154
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 14:22	SW846 8260B	6050154
Toluene	ND	PX	mg/kg	0.00200	1	05/01/06 14:22	SW846 8260B	6050154
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	05/01/06 14:22	SW846 8260B	6050154
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 14:22	SW846 8260B	6050154
Xylenes, total	ND	PX	mg/kg	0.00500	1	05/01/06 14:22	SW846 8260B	6050154
Surr: 1,2-Dichloroethane-d4 (72-125%)	*91 %*					*05/01/06 14:22*	*SW846 8260B*	*6050154*
Surr: Dibromofluoromethane (73-124%)	*88 %*					*05/01/06 14:22*	*SW846 8260B*	*6050154*
Surr: Toluene-d8 (80-124%)	*107 %*					*05/01/06 14:22*	*SW846 8260B*	*6050154*
Surr: 4-Bromofluorobenzene (25-185%)	*89 %*					*05/01/06 14:22*	*SW846 8260B*	*6050154*
Purgeable Petroleum Hydrocarbons								

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD2911-15 (SB-11-6 - Soil) - cont. Sampled: 04/19/06 09:45								
Purgeable Petroleum Hydrocarbons - cont.								
Gasoline Range Organics	**0.521**	PX	mg/kg	0.100	1	05/01/06 14:22	CA LUFT GC/MS	6050154
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**14.1**		mg/kg	3.95	1	04/27/06 00:05	SW846 8015B	6044156
Surr: o-Terphenyl (56-143%)	*79 %*					*04/27/06 00:05*	*SW846 8015B*	*6044156*
Sample ID: NPD2911-16 (SB-11-W - Water) Sampled: 04/19/06 10:10								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	04/25/06 15:51	SW846 8260B	6044541
Benzene	**1.80**		ug/L	0.500	1	04/25/06 15:51	SW846 8260B	6044541
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	04/25/06 15:51	SW846 8260B	6044541
Diisopropyl Ether	ND		ug/L	0.500	1	04/25/06 15:51	SW846 8260B	6044541
Ethylbenzene	ND		ug/L	0.500	1	04/25/06 15:51	SW846 8260B	6044541
Methyl tert-Butyl Ether	**5.40**		ug/L	0.500	1	04/25/06 15:51	SW846 8260B	6044541
Toluene	ND		ug/L	0.500	1	04/25/06 15:51	SW846 8260B	6044541
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	04/25/06 15:51	SW846 8260B	6044541
Xylenes, total	**0.500**		ug/L	0.500	1	04/25/06 15:51	SW846 8260B	6044541
Surr: 1,2-Dichloroethane-d4 (70-130%)	*96 %*					*04/25/06 15:51*	*SW846 8260B*	*6044541*
Surr: Dibromofluoromethane (79-122%)	*102 %*					*04/25/06 15:51*	*SW846 8260B*	*6044541*
Surr: Toluene-d8 (78-121%)	*94 %*					*04/25/06 15:51*	*SW846 8260B*	*6044541*
Surr: 4-Bromofluorobenzene (78-126%)	*95 %*					*04/25/06 15:51*	*SW846 8260B*	*6044541*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**305**		ug/L	50.0	1	04/25/06 15:51	CA LUFT GC/MS	6044541
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**31500**		ug/L	2500	10	04/27/06 09:06	SW846 8015B	6044352
Surr: o-Terphenyl (55-150%)	*	*Z3*				*04/27/06 09:06*	*SW846 8015B*	*6044352*
Sample ID: NPD2911-17 (SB-10-6 - Soil) Sampled: 04/19/06 10:45								
General Chemistry Parameters								
% Dry Solids	**87.6**		%	0.500	1	04/25/06 09:21	SW-846	6044320
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**0.0124**	PX	mg/kg	0.00200	1	05/01/06 14:54	SW846 8260B	6050154
Tertiary Butyl Alcohol	ND	PX	mg/kg	0.0500	1	05/01/06 14:54	SW846 8260B	6050154
Ethylbenzene	**0.0215**	PX	mg/kg	0.00200	1	05/01/06 14:54	SW846 8260B	6050154
Methyl tert-Butyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 14:54	SW846 8260B	6050154
Diisopropyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 14:54	SW846 8260B	6050154
Toluene	**0.00462**	PX	mg/kg	0.00200	1	05/01/06 14:54	SW846 8260B	6050154
Ethyl tert-Butyl Ether	ND	PX	mg/kg	0.00500	1	05/01/06 14:54	SW846 8260B	6050154
Tert-Amyl Methyl Ether	ND	PX	mg/kg	0.00200	1	05/01/06 14:54	SW846 8260B	6050154
Xylenes, total	**0.0140**	PX	mg/kg	0.00500	1	05/01/06 14:54	SW846 8260B	6050154
Surr: 1,2-Dichloroethane-d4 (72-125%)	*86 %*					*05/01/06 14:54*	*SW846 8260B*	*6050154*
Surr: Dibromofluoromethane (73-124%)	*86 %*					*05/01/06 14:54*	*SW846 8260B*	*6050154*
Surr: Toluene-d8 (80-124%)	*106 %*					*05/01/06 14:54*	*SW846 8260B*	*6050154*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD2911-17 (SB-10-6 - Soil) - cont. Sampled: 04/19/06 10:45								
Selected Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 4-Bromofluorobenzene (25-185%)	*91 %*					*05/01/06 14:54*	*SW846 8260B*	*6050154*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**8.40**	PX	mg/kg	0.100	1	05/01/06 14:54	CA LUFT GC/MS	6050154
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**399**		mg/kg	39.7	10	04/27/06 00:22	SW846 8015B	6044156
Surr: o-Terphenyl (56-143%)	*	*Z3*				*04/27/06 00:22*	*SW846 8015B*	*6044156*
Sample ID: NPD2911-18 (SB-10-W - Water) Sampled: 04/19/06 11:00								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	04/25/06 16:22	SW846 8260B	6044541
Benzene	**35.5**		ug/L	0.500	1	04/25/06 16:22	SW846 8260B	6044541
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	04/25/06 16:22	SW846 8260B	6044541
Diisopropyl Ether	ND		ug/L	0.500	1	04/25/06 16:22	SW846 8260B	6044541
Ethylbenzene	**3.67**		ug/L	0.500	1	04/25/06 16:22	SW846 8260B	6044541
Methyl tert-Butyl Ether	**8.07**		ug/L	0.500	1	04/25/06 16:22	SW846 8260B	6044541
Toluene	**10.2**		ug/L	0.500	1	04/25/06 16:22	SW846 8260B	6044541
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	04/25/06 16:22	SW846 8260B	6044541
Xylenes, total	**1.55**		ug/L	0.500	1	04/25/06 16:22	SW846 8260B	6044541
Surr: 1,2-Dichloroethane-d4 (70-130%)	*90 %*					*04/25/06 16:22*	*SW846 8260B*	*6044541*
Surr: Dibromofluoromethane (79-122%)	*87 %*					*04/25/06 16:22*	*SW846 8260B*	*6044541*
Surr: Toluene-d8 (78-121%)	*94 %*					*04/25/06 16:22*	*SW846 8260B*	*6044541*
Surr: 4-Bromofluorobenzene (78-126%)	*96 %*					*04/25/06 16:22*	*SW846 8260B*	*6044541*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**914**		ug/L	50.0	1	04/25/06 16:22	CA LUFT GC/MS	6044541
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**49500**		ug/L	2500	10	04/27/06 09:23	SW846 8015B	6044352
Surr: o-Terphenyl (55-150%)	*	*Z3*				*04/27/06 09:23*	*SW846 8015B*	*6044352*

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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons with Silica Gel Treatment							
SW846 8015B	6044156	NPD2911-01	25.44	1.00	04/25/06 08:05	ACB	EPA 3550B
SW846 8015B	6044156	NPD2911-02	25.30	5.00	04/25/06 08:05	ACB	EPA 3550B
SW846 8015B	6044156	NPD2911-03	25.11	1.00	04/25/06 08:05	ACB	EPA 3550B
SW846 8015B	6044352	NPD2911-04	160.00	1.00	04/25/06 09:52	CEC	EPA 3510C
SW846 8015B	6044156	NPD2911-05	25.41	1.00	04/25/06 08:05	ACB	EPA 3550B
SW846 8015B	6044156	NPD2911-05RE1	25.41	1.00	04/25/06 08:05	ACB	EPA 3550B
SW846 8015B	6044156	NPD2911-06	25.03	1.00	04/25/06 08:05	ACB	EPA 3550B
SW846 8015B	6044156	NPD2911-06RE1	25.03	1.00	04/25/06 08:05	ACB	EPA 3550B
SW846 8015B	6044156	NPD2911-07	25.35	1.00	04/25/06 08:05	ACB	EPA 3550B
SW846 8015B	6044156	NPD2911-07RE1	25.35	1.00	04/25/06 08:05	ACB	EPA 3550B
SW846 8015B	6044156	NPD2911-08	25.07	1.00	04/25/06 08:05	ACB	EPA 3550B
SW846 8015B	6044156	NPD2911-09	25.08	1.00	04/25/06 08:05	ACB	EPA 3550B
SW846 8015B	6044352	NPD2911-10	160.00	1.00	04/25/06 09:52	CEC	EPA 3510C
SW846 8015B	6044156	NPD2911-11	25.26	1.00	04/25/06 08:05	ACB	EPA 3550B
SW846 8015B	6044352	NPD2911-12	200.00	1.00	04/25/06 09:52	CEC	EPA 3510C
SW846 8015B	6044156	NPD2911-13	25.40	1.00	04/25/06 08:05	ACB	EPA 3550B
SW846 8015B	6044352	NPD2911-14	200.00	1.00	04/25/06 09:52	CEC	EPA 3510C
SW846 8015B	6044352	NPD2911-14RE1	200.00	1.00	04/25/06 09:52	CEC	EPA 3510C
SW846 8015B	6044156	NPD2911-15	25.32	1.00	04/25/06 08:05	ACB	EPA 3550B
SW846 8015B	6044352	NPD2911-16	200.00	1.00	04/25/06 09:52	CEC	EPA 3510C
SW846 8015B	6044352	NPD2911-16RE1	200.00	1.00	04/25/06 09:52	CEC	EPA 3510C
SW846 8015B	6044156	NPD2911-17	25.17	1.00	04/25/06 08:05	ACB	EPA 3550B
SW846 8015B	6044352	NPD2911-18	200.00	1.00	04/25/06 09:52	CEC	EPA 3510C
SW846 8015B	6044352	NPD2911-18RE1	200.00	1.00	04/25/06 09:52	CEC	EPA 3510C
Purgeable Petroleum Hydrocarbons							
CA LUFT GC/MS	6050154	NPD2911-01	5.00	5.00	05/01/06 13:40	SNN	EPA 5035
CA LUFT GC/MS	6050154	NPD2911-02	5.00	5.00	04/01/06 13:42	SNN	EPA 5035
CA LUFT GC/MS	6050154	NPD2911-03	5.00	5.00	05/01/06 13:44	SNN	EPA 5035
CA LUFT GC/MS	6050154	NPD2911-05	5.00	5.00	04/22/06 16:22	SNN	EPA 5035
CA LUFT GC/MS	6050154	NPD2911-06	5.00	5.00	04/22/06 16:25	SNN	EPA 5035
CA LUFT GC/MS	6044483	NPD2911-07	5.00	5.00	04/22/06 16:27	SNN	EPA 5035
CA LUFT GC/MS	6044483	NPD2911-08	5.00	5.00	04/22/06 16:29	SNN	EPA 5035
CA LUFT GC/MS	6050154	NPD2911-09	5.00	5.00	04/22/06 16:32	SNN	EPA 5035
CA LUFT GC/MS	6050154	NPD2911-11	5.00	5.00	04/22/06 16:34	SNN	EPA 5035
CA LUFT GC/MS	6050154	NPD2911-13	5.00	5.00	04/22/06 16:37	SNN	EPA 5035
CA LUFT GC/MS	6050154	NPD2911-15	5.00	5.00	04/22/06 16:40	SNN	EPA 5035
CA LUFT GC/MS	6050154	NPD2911-17	5.00	5.00	04/22/06 16:43	SNN	EPA 5035
Selected Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	6050154	NPD2911-01	5.00	5.00	05/01/06 13:40	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-02	5.00	5.00	04/01/06 13:42	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-03	5.00	5.00	05/01/06 13:44	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-05	5.00	5.00	04/22/06 16:22	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-06	5.00	5.00	04/22/06 16:25	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-07	5.00	5.00	04/22/06 16:27	SNN	EPA 5035

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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8260B	6044483	NPD2911-08	5.00	5.00	05/02/06 13:58	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-09	5.00	5.00	04/22/06 16:32	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-11	5.00	5.00	04/22/06 16:34	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-13	5.00	5.00	04/22/06 16:37	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-15	5.00	5.00	04/22/06 16:40	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-17	5.00	5.00	04/22/06 16:43	SNN	EPA 5035
Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	6050154	NPD2911-01	5.00	5.00	05/01/06 13:40	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-02	5.00	5.00	04/01/06 13:42	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-03	5.00	5.00	05/01/06 13:44	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-05	5.00	5.00	04/22/06 16:22	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-06	5.00	5.00	04/22/06 16:25	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-07	5.00	5.00	04/22/06 16:27	SNN	EPA 5035
SW846 8260B	6044483	NPD2911-08	5.00	5.00	05/02/06 13:58	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-09	5.00	5.00	04/22/06 16:32	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-11	5.00	5.00	04/22/06 16:34	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-13	5.00	5.00	04/22/06 16:37	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-15	5.00	5.00	04/22/06 16:40	SNN	EPA 5035
SW846 8260B	6050154	NPD2911-17	5.00	5.00	04/22/06 16:43	SNN	EPA 5035

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B						
6044483-BLK1						
Benzene	<0.000500		mg/kg	6044483	6044483-BLK1	05/02/06 11:13
Tertiary Butyl Alcohol	<0.0178		mg/kg	6044483	6044483-BLK1	05/02/06 11:13
Ethylbenzene	<0.000500		mg/kg	6044483	6044483-BLK1	05/02/06 11:13
Methyl tert-Butyl Ether	<0.000880		mg/kg	6044483	6044483-BLK1	05/02/06 11:13
Diisopropyl Ether	<0.000640		mg/kg	6044483	6044483-BLK1	05/02/06 11:13
Toluene	<0.000970		mg/kg	6044483	6044483-BLK1	05/02/06 11:13
Ethyl tert-Butyl Ether	<0.000520		mg/kg	6044483	6044483-BLK1	05/02/06 11:13
Tert-Amyl Methyl Ether	<0.000670		mg/kg	6044483	6044483-BLK1	05/02/06 11:13
Xylenes, total	<0.00148		mg/kg	6044483	6044483-BLK1	05/02/06 11:13
Surrogate: 1,2-Dichloroethane-d4	95%			6044483	6044483-BLK1	05/02/06 11:13
Surrogate: Dibromofluoromethane	90%			6044483	6044483-BLK1	05/02/06 11:13
Surrogate: Toluene-d8	105%			6044483	6044483-BLK1	05/02/06 11:13
Surrogate: 4-Bromofluorobenzene	83%			6044483	6044483-BLK1	05/02/06 11:13
6044541-BLK1						
Tert-Amyl Methyl Ether	<0.200		ug/L	6044541	6044541-BLK1	04/25/06 09:55
Benzene	<0.200		ug/L	6044541	6044541-BLK1	04/25/06 09:55
Ethyl tert-Butyl Ether	<0.200		ug/L	6044541	6044541-BLK1	04/25/06 09:55
Diisopropyl Ether	<0.200		ug/L	6044541	6044541-BLK1	04/25/06 09:55
Ethylbenzene	<0.200		ug/L	6044541	6044541-BLK1	04/25/06 09:55
Methyl tert-Butyl Ether	<0.200		ug/L	6044541	6044541-BLK1	04/25/06 09:55
Toluene	<0.200		ug/L	6044541	6044541-BLK1	04/25/06 09:55
Tertiary Butyl Alcohol	<5.06		ug/L	6044541	6044541-BLK1	04/25/06 09:55
Xylenes, total	<0.350		ug/L	6044541	6044541-BLK1	04/25/06 09:55
Surrogate: 1,2-Dichloroethane-d4	97%			6044541	6044541-BLK1	04/25/06 09:55
Surrogate: Dibromofluoromethane	98%			6044541	6044541-BLK1	04/25/06 09:55
Surrogate: Toluene-d8	93%			6044541	6044541-BLK1	04/25/06 09:55
Surrogate: 4-Bromofluorobenzene	101%			6044541	6044541-BLK1	04/25/06 09:55
6045513-BLK1						
Tert-Amyl Methyl Ether	<0.200		ug/L	6045513	6045513-BLK1	04/28/06 10:24
Benzene	<0.200		ug/L	6045513	6045513-BLK1	04/28/06 10:24
Ethyl tert-Butyl Ether	<0.200		ug/L	6045513	6045513-BLK1	04/28/06 10:24
Diisopropyl Ether	<0.200		ug/L	6045513	6045513-BLK1	04/28/06 10:24
Ethylbenzene	<0.200		ug/L	6045513	6045513-BLK1	04/28/06 10:24
Methyl tert-Butyl Ether	<0.200		ug/L	6045513	6045513-BLK1	04/28/06 10:24
Toluene	<0.200		ug/L	6045513	6045513-BLK1	04/28/06 10:24
Tertiary Butyl Alcohol	<5.06		ug/L	6045513	6045513-BLK1	04/28/06 10:24
Xylenes, total	<0.350		ug/L	6045513	6045513-BLK1	04/28/06 10:24
Surrogate: 1,2-Dichloroethane-d4	94%			6045513	6045513-BLK1	04/28/06 10:24
Surrogate: Dibromofluoromethane	103%			6045513	6045513-BLK1	04/28/06 10:24
Surrogate: Toluene-d8	102%			6045513	6045513-BLK1	04/28/06 10:24

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6045513-BLK1						
Surrogate: 4-Bromofluorobenzene	102%			6045513	6045513-BLK1	04/28/06 10:24
6050154-BLK1						
Benzene	<0.000500		mg/kg	6050154	6050154-BLK1	05/01/06 11:13
Tertiary Butyl Alcohol	<0.0178		mg/kg	6050154	6050154-BLK1	05/01/06 11:13
Ethylbenzene	<0.000500		mg/kg	6050154	6050154-BLK1	05/01/06 11:13
Methyl tert-Butyl Ether	<0.000880		mg/kg	6050154	6050154-BLK1	05/01/06 11:13
Diisopropyl Ether	<0.000640		mg/kg	6050154	6050154-BLK1	05/01/06 11:13
Toluene	<0.000970		mg/kg	6050154	6050154-BLK1	05/01/06 11:13
Ethyl tert-Butyl Ether	<0.000520		mg/kg	6050154	6050154-BLK1	05/01/06 11:13
Tert-Amyl Methyl Ether	<0.000670		mg/kg	6050154	6050154-BLK1	05/01/06 11:13
Xylenes, total	<0.00148		mg/kg	6050154	6050154-BLK1	05/01/06 11:13
Surrogate: 1,2-Dichloroethane-d4	95%			6050154	6050154-BLK1	05/01/06 11:13
Surrogate: 1,2-Dichloroethane-d4	95%			6050154	6050154-BLK1	05/01/06 11:13
Surrogate: Dibromofluoromethane	92%			6050154	6050154-BLK1	05/01/06 11:13
Surrogate: Dibromofluoromethane	92%			6050154	6050154-BLK1	05/01/06 11:13
Surrogate: Toluene-d8	97%			6050154	6050154-BLK1	05/01/06 11:13
Surrogate: Toluene-d8	97%			6050154	6050154-BLK1	05/01/06 11:13
Surrogate: 4-Bromofluorobenzene	98%			6050154	6050154-BLK1	05/01/06 11:13
Surrogate: 4-Bromofluorobenzene	98%			6050154	6050154-BLK1	05/01/06 11:13
Purgeable Petroleum Hydrocarbons						
6044483-BLK1						
Gasoline Range Organics	<0.0500		mg/kg	6044483	6044483-BLK1	05/02/06 11:13
Surrogate: 1,2-Dichloroethane-d4	95%			6044483	6044483-BLK1	05/02/06 11:13
Surrogate: Dibromofluoromethane	90%			6044483	6044483-BLK1	05/02/06 11:13
Surrogate: Toluene-d8	105%			6044483	6044483-BLK1	05/02/06 11:13
Surrogate: 4-Bromofluorobenzene	83%			6044483	6044483-BLK1	05/02/06 11:13
6044541-BLK1						
Gasoline Range Organics	<50.0		ug/L	6044541	6044541-BLK1	04/25/06 09:55
Surrogate: 1,2-Dichloroethane-d4	97%			6044541	6044541-BLK1	04/25/06 09:55
Surrogate: Dibromofluoromethane	98%			6044541	6044541-BLK1	04/25/06 09:55
Surrogate: Toluene-d8	93%			6044541	6044541-BLK1	04/25/06 09:55
Surrogate: 4-Bromofluorobenzene	101%			6044541	6044541-BLK1	04/25/06 09:55
6045513-BLK1						
Gasoline Range Organics	<50.0		ug/L	6045513	6045513-BLK1	04/28/06 10:24
Surrogate: 1,2-Dichloroethane-d4	94%			6045513	6045513-BLK1	04/28/06 10:24
Surrogate: Dibromofluoromethane	103%			6045513	6045513-BLK1	04/28/06 10:24
Surrogate: Toluene-d8	102%			6045513	6045513-BLK1	04/28/06 10:24
Surrogate: 4-Bromofluorobenzene	102%			6045513	6045513-BLK1	04/28/06 10:24

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons						
6050154-BLK1						
Gasoline Range Organics	<0.0500		mg/kg	6050154	6050154-BLK1	05/01/06 11:13
Surrogate: 1,2-Dichloroethane-d4	95%			6050154	6050154-BLK1	05/01/06 11:13
Surrogate: Dibromofluoromethane	92%			6050154	6050154-BLK1	05/01/06 11:13
Surrogate: Toluene-d8	97%			6050154	6050154-BLK1	05/01/06 11:13
Surrogate: 4-Bromofluorobenzene	98%			6050154	6050154-BLK1	05/01/06 11:13
6050170-BLK1						
Gasoline Range Organics	<50.0		ug/L	6050170	6050170-BLK1	04/30/06 09:01
Surrogate: 1,2-Dichloroethane-d4	92%			6050170	6050170-BLK1	04/30/06 09:01
Surrogate: Dibromofluoromethane	104%			6050170	6050170-BLK1	04/30/06 09:01
Surrogate: Toluene-d8	104%			6050170	6050170-BLK1	04/30/06 09:01
Surrogate: 4-Bromofluorobenzene	105%			6050170	6050170-BLK1	04/30/06 09:01
Extractable Petroleum Hydrocarbons with Silica Gel Treatment						
6044156-BLK1						
Diesel	<2.38		mg/kg	6044156	6044156-BLK1	04/26/06 19:25
Surrogate: o-Terphenyl	102%			6044156	6044156-BLK1	04/26/06 19:25
6044352-BLK1						
Diesel	<33.0		ug/L	6044352	6044352-BLK1	04/26/06 17:08
Surrogate: o-Terphenyl	94%			6044352	6044352-BLK1	04/26/06 17:08

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B								
6044483-BS1								
Benzene	0.0500	0.0590		mg/kg	118%	76 - 123	6044483	05/02/06 10:41
Tertiary Butyl Alcohol	0.500	0.406		mg/kg	81%	38 - 150	6044483	05/02/06 10:41
Ethylbenzene	0.0500	0.0546		mg/kg	109%	77 - 125	6044483	05/02/06 10:41
Methyl tert-Butyl Ether	0.0500	0.0516		mg/kg	103%	63 - 140	6044483	05/02/06 10:41
Diisopropyl Ether	0.0500	0.0542		mg/kg	108%	68 - 133	6044483	05/02/06 10:41
Toluene	0.0500	0.0570		mg/kg	114%	79 - 122	6044483	05/02/06 10:41
Ethyl tert-Butyl Ether	0.0500	0.0507		mg/kg	101%	64 - 138	6044483	05/02/06 10:41
Tert-Amyl Methyl Ether	0.0500	0.0483		mg/kg	97%	59 - 142	6044483	05/02/06 10:41
Xylenes, total	0.150	0.163		mg/kg	109%	71 - 129	6044483	05/02/06 10:41
Surrogate: 1,2-Dichloroethane-d4	50.0	44.8			90%	72 - 125	6044483	05/02/06 10:41
Surrogate: 1,2-Dichloroethane-d4	50.0	44.8			90%	72 - 125	6044483	05/02/06 10:41
Surrogate: Dibromofluoromethane	50.0	43.8			88%	73 - 124	6044483	05/02/06 10:41
Surrogate: Dibromofluoromethane	50.0	43.8			88%	73 - 124	6044483	05/02/06 10:41
Surrogate: Toluene-d8	50.0	52.7			105%	80 - 124	6044483	05/02/06 10:41
Surrogate: Toluene-d8	50.0	52.7			105%	80 - 124	6044483	05/02/06 10:41
Surrogate: 4-Bromofluorobenzene	50.0	41.0			82%	25 - 185	6044483	05/02/06 10:41
Surrogate: 4-Bromofluorobenzene	50.0	41.0			82%	25 - 185	6044483	05/02/06 10:41
6044541-BS1								
Tert-Amyl Methyl Ether	50.0	47.3		ug/L	95%	56 - 145	6044541	04/25/06 09:04
Benzene	50.0	52.9		ug/L	106%	79 - 123	6044541	04/25/06 09:04
Ethyl tert-Butyl Ether	50.0	51.3		ug/L	103%	64 - 141	6044541	04/25/06 09:04
Diisopropyl Ether	50.0	55.1		ug/L	110%	73 - 135	6044541	04/25/06 09:04
Ethylbenzene	50.0	50.6		ug/L	101%	79 - 125	6044541	04/25/06 09:04
Methyl tert-Butyl Ether	50.0	52.4		ug/L	105%	66 - 142	6044541	04/25/06 09:04
Toluene	50.0	51.2		ug/L	102%	78 - 122	6044541	04/25/06 09:04
Tertiary Butyl Alcohol	500	497		ug/L	99%	42 - 154	6044541	04/25/06 09:04
Xylenes, total	150	158		ug/L	105%	79 - 130	6044541	04/25/06 09:04
Surrogate: 1,2-Dichloroethane-d4	50.0	48.1			96%	70 - 130	6044541	04/25/06 09:04
Surrogate: 1,2-Dichloroethane-d4	50.0	48.1			96%	70 - 130	6044541	04/25/06 09:04
Surrogate: Dibromofluoromethane	50.0	46.3			93%	79 - 122	6044541	04/25/06 09:04
Surrogate: Dibromofluoromethane	50.0	46.3			93%	79 - 122	6044541	04/25/06 09:04
Surrogate: Toluene-d8	50.0	47.4			95%	78 - 121	6044541	04/25/06 09:04
Surrogate: Toluene-d8	50.0	47.4			95%	78 - 121	6044541	04/25/06 09:04
Surrogate: 4-Bromofluorobenzene	50.0	42.1			84%	78 - 126	6044541	04/25/06 09:04
Surrogate: 4-Bromofluorobenzene	50.0	42.1			84%	78 - 126	6044541	04/25/06 09:04
6045513-BS1								
Tert-Amyl Methyl Ether	50.0	43.4		ug/L	87%	56 - 145	6045513	04/28/06 09:17
Benzene	50.0	48.0		ug/L	96%	79 - 123	6045513	04/28/06 09:17
Ethyl tert-Butyl Ether	50.0	43.6		ug/L	87%	64 - 141	6045513	04/28/06 09:17
Diisopropyl Ether	50.0	48.5		ug/L	97%	73 - 135	6045513	04/28/06 09:17

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

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								
6045513-BS1								
Ethylbenzene	50.0	42.2		ug/L	84%	79 - 125	6045513	04/28/06 09:17
Methyl tert-Butyl Ether	50.0	42.9		ug/L	86%	66 - 142	6045513	04/28/06 09:17
Toluene	50.0	42.8		ug/L	86%	78 - 122	6045513	04/28/06 09:17
Tertiary Butyl Alcohol	500	441		ug/L	88%	42 - 154	6045513	04/28/06 09:17
Xylenes, total	150	138		ug/L	92%	79 - 130	6045513	04/28/06 09:17
Surrogate: 1,2-Dichloroethane-d4	50.0	44.8			90%	70 - 130	6045513	04/28/06 09:17
Surrogate: 1,2-Dichloroethane-d4	50.0	44.8			90%	70 - 130	6045513	04/28/06 09:17
Surrogate: Dibromofluoromethane	50.0	48.2			96%	79 - 122	6045513	04/28/06 09:17
Surrogate: Dibromofluoromethane	50.0	48.2			96%	79 - 122	6045513	04/28/06 09:17
Surrogate: Toluene-d8	50.0	49.9			100%	78 - 121	6045513	04/28/06 09:17
Surrogate: Toluene-d8	50.0	49.9			100%	78 - 121	6045513	04/28/06 09:17
Surrogate: 4-Bromofluorobenzene	50.0	51.4			103%	78 - 126	6045513	04/28/06 09:17
Surrogate: 4-Bromofluorobenzene	50.0	51.4			103%	78 - 126	6045513	04/28/06 09:17
6050154-BS1								
Benzene	0.0500	0.0597		mg/kg	119%	76 - 123	6050154	05/01/06 10:41
Tertiary Butyl Alcohol	0.500	0.573		mg/kg	115%	38 - 150	6050154	05/01/06 10:41
Ethylbenzene	0.0500	0.0507		mg/kg	101%	77 - 125	6050154	05/01/06 10:41
Methyl tert-Butyl Ether	0.0500	0.0526		mg/kg	105%	63 - 140	6050154	05/01/06 10:41
Diisopropyl Ether	0.0500	0.0502		mg/kg	100%	68 - 133	6050154	05/01/06 10:41
Toluene	0.0500	0.0501		mg/kg	100%	79 - 122	6050154	05/01/06 10:41
Ethyl tert-Butyl Ether	0.0500	0.0509		mg/kg	102%	64 - 138	6050154	05/01/06 10:41
Tert-Amyl Methyl Ether	0.0500	0.0538		mg/kg	108%	59 - 142	6050154	05/01/06 10:41
Xylenes, total	0.150	0.151		mg/kg	101%	71 - 129	6050154	05/01/06 10:41
Surrogate: 1,2-Dichloroethane-d4	50.0	46.3			93%	72 - 125	6050154	05/01/06 10:41
Surrogate: 1,2-Dichloroethane-d4	50.0	46.3			93%	72 - 125	6050154	05/01/06 10:41
Surrogate: Dibromofluoromethane	50.0	45.4			91%	73 - 124	6050154	05/01/06 10:41
Surrogate: Dibromofluoromethane	50.0	45.4			91%	73 - 124	6050154	05/01/06 10:41
Surrogate: Toluene-d8	50.0	48.5			97%	80 - 124	6050154	05/01/06 10:41
Surrogate: Toluene-d8	50.0	48.5			97%	80 - 124	6050154	05/01/06 10:41
Surrogate: 4-Bromofluorobenzene	50.0	48.1			96%	25 - 185	6050154	05/01/06 10:41
Surrogate: 4-Bromofluorobenzene	50.0	48.1			96%	25 - 185	6050154	05/01/06 10:41
Purgeable Petroleum Hydrocarbons								
6044483-BS1								
Gasoline Range Organics	3.05	2.94		mg/kg	96%	67 - 130	6044483	05/02/06 10:41
Surrogate: 1,2-Dichloroethane-d4	50.0	44.8			90%	0 - 200	6044483	05/02/06 10:41
Surrogate: Dibromofluoromethane	50.0	43.8			88%	0 - 200	6044483	05/02/06 10:41
Surrogate: Toluene-d8	50.0	52.7			105%	0 - 200	6044483	05/02/06 10:41
Surrogate: 4-Bromofluorobenzene	50.0	41.0			82%	0 - 200	6044483	05/02/06 10:41
6044541-BS1								

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons								
6044541-BS1								
Gasoline Range Organics	3050	2630		ug/L	86%	67 - 130	6044541	04/25/06 09:04
Surrogate: 1,2-Dichloroethane-d4	50.0	48.1			96%	70 - 130	6044541	04/25/06 09:04
Surrogate: Dibromofluoromethane	50.0	46.3			93%	70 - 130	6044541	04/25/06 09:04
Surrogate: Toluene-d8	50.0	47.4			95%	70 - 130	6044541	04/25/06 09:04
Surrogate: 4-Bromofluorobenzene	50.0	42.1			84%	70 - 130	6044541	04/25/06 09:04
6045513-BS1								
Gasoline Range Organics	3050	2250		ug/L	74%	67 - 130	6045513	04/28/06 09:17
Surrogate: 1,2-Dichloroethane-d4	50.0	44.8			90%	70 - 130	6045513	04/28/06 09:17
Surrogate: Dibromofluoromethane	50.0	48.2			96%	70 - 130	6045513	04/28/06 09:17
Surrogate: Toluene-d8	50.0	49.9			100%	70 - 130	6045513	04/28/06 09:17
Surrogate: 4-Bromofluorobenzene	50.0	51.4			103%	70 - 130	6045513	04/28/06 09:17
6050154-BS1								
Gasoline Range Organics	3.05	3.13		mg/kg	103%	67 - 130	6050154	05/01/06 10:41
Surrogate: 1,2-Dichloroethane-d4	50.0	46.3			93%	0 - 200	6050154	05/01/06 10:41
Surrogate: Dibromofluoromethane	50.0	45.4			91%	0 - 200	6050154	05/01/06 10:41
Surrogate: Toluene-d8	50.0	48.5			97%	0 - 200	6050154	05/01/06 10:41
Surrogate: 4-Bromofluorobenzene	50.0	48.1			96%	0 - 200	6050154	05/01/06 10:41
6050170-BS1								
Gasoline Range Organics	3050	2890		ug/L	95%	67 - 130	6050170	04/30/06 07:54
Surrogate: 1,2-Dichloroethane-d4	50.0	46.9			94%	70 - 130	6050170	04/30/06 07:54
Surrogate: Dibromofluoromethane	50.0	50.6			101%	70 - 130	6050170	04/30/06 07:54
Surrogate: Toluene-d8	50.0	49.5			99%	70 - 130	6050170	04/30/06 07:54
Surrogate: 4-Bromofluorobenzene	50.0	52.4			105%	70 - 130	6050170	04/30/06 07:54
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
6044156-BS1								
Diesel	39.9	28.4		mg/kg	71%	59 - 134	6044156	04/26/06 19:43
Surrogate: o-Terphenyl	0.799	0.701			88%	56 - 143	6044156	04/26/06 19:43
6044352-BS1								
Diesel	1000	815		ug/L	82%	49 - 118	6044352	04/26/06 17:25
Surrogate: o-Terphenyl	20.0	19.7			98%	55 - 150	6044352	04/26/06 17:25

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

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										
6050154-MS1										
Benzene	0.00148	0.0517		mg/kg	0.0500	100%	48 - 138	6050154	NPD2911-01	05/01/06 20:08
Tertiary Butyl Alcohol	ND	0.437		mg/kg	0.500	87%	16 - 179	6050154	NPD2911-01	05/01/06 20:08
Ethylbenzene	ND	0.0393		mg/kg	0.0500	79%	19 - 146	6050154	NPD2911-01	05/01/06 20:08
Methyl tert-Butyl Ether	ND	0.0474		mg/kg	0.0500	95%	47 - 148	6050154	NPD2911-01	05/01/06 20:08
Diisopropyl Ether	ND	0.0433		mg/kg	0.0500	87%	50 - 143	6050154	NPD2911-01	05/01/06 20:08
Toluene	0.00223	0.0463		mg/kg	0.0500	88%	40 - 143	6050154	NPD2911-01	05/01/06 20:08
Ethyl tert-Butyl Ether	ND	0.0446		mg/kg	0.0500	89%	48 - 145	6050154	NPD2911-01	05/01/06 20:08
Tert-Amyl Methyl Ether	ND	0.0446		mg/kg	0.0500	89%	43 - 150	6050154	NPD2911-01	05/01/06 20:08
Xylenes, total	ND	0.107		mg/kg	0.150	71%	36 - 144	6050154	NPD2911-01	05/01/06 20:08
Surrogate: 1,2-Dichloroethane-d4		41.5		ug/L	50.0	83%	72 - 125	6050154	NPD2911-01	05/01/06 20:08
Surrogate: 1,2-Dichloroethane-d4		41.5		ug/L	50.0	83%	72 - 125	6050154	NPD2911-01	05/01/06 20:08
Surrogate: Dibromofluoromethane		43.5		ug/L	50.0	87%	73 - 124	6050154	NPD2911-01	05/01/06 20:08
Surrogate: Dibromofluoromethane		43.5		ug/L	50.0	87%	73 - 124	6050154	NPD2911-01	05/01/06 20:08
Surrogate: Toluene-d8		54.0		ug/L	50.0	108%	80 - 124	6050154	NPD2911-01	05/01/06 20:08
Surrogate: Toluene-d8		54.0		ug/L	50.0	108%	80 - 124	6050154	NPD2911-01	05/01/06 20:08
Surrogate: 4-Bromofluorobenzene		44.2		ug/L	50.0	88%	25 - 185	6050154	NPD2911-01	05/01/06 20:08
Surrogate: 4-Bromofluorobenzene		44.2		ug/L	50.0	88%	25 - 185	6050154	NPD2911-01	05/01/06 20:08
Purgeable Petroleum Hydrocarbons										
6050154-MS1										
Gasoline Range Organics	0.539	3.63		mg/kg	3.05	101%	60 - 140	6050154	NPD2911-01	05/01/06 20:08
Surrogate: 1,2-Dichloroethane-d4		41.5		ug/L	50.0	83%	0 - 200	6050154	NPD2911-01	05/01/06 20:08
Surrogate: Dibromofluoromethane		43.5		ug/L	50.0	87%	0 - 200	6050154	NPD2911-01	05/01/06 20:08
Surrogate: Toluene-d8		54.0		ug/L	50.0	108%	0 - 200	6050154	NPD2911-01	05/01/06 20:08
Surrogate: 4-Bromofluorobenzene		44.2		ug/L	50.0	88%	0 - 200	6050154	NPD2911-01	05/01/06 20:08
6050170-MS1										
Gasoline Range Organics	ND	2010		ug/L	3050	66%	60 - 140	6050170	NPD3241-02	04/30/06 17:09
Surrogate: 1,2-Dichloroethane-d4		47.8		ug/L	50.0	96%	0 - 200	6050170	NPD3241-02	04/30/06 17:09
Surrogate: Dibromofluoromethane		50.8		ug/L	50.0	102%	0 - 200	6050170	NPD3241-02	04/30/06 17:09
Surrogate: Toluene-d8		49.8		ug/L	50.0	100%	0 - 200	6050170	NPD3241-02	04/30/06 17:09
Surrogate: 4-Bromofluorobenzene		51.4		ug/L	50.0	103%	0 - 200	6050170	NPD3241-02	04/30/06 17:09
Extractable Petroleum Hydrocarbons with Silica Gel Treatment										
6044156-MS1										
Diesel	11.3	84.4	M1	mg/kg	39.9	183%	21 - 156	6044156	NPD2911-13	04/26/06 20:00
Surrogate: o-Terphenyl		0.687		mg/kg	0.797	86%	56 - 143	6044156	NPD2911-13	04/26/06 20:00

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

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
Selected Volatile Organic Compounds by EPA Method 8260B												
6050154-MSD1												
Benzene	0.00148	0.0473		mg/kg	0.0500	92%	48 - 138	9	34	6050154	NPD2911-01	05/01/06 20:39
Tertiary Butyl Alcohol	ND	0.384		mg/kg	0.500	77%	16 - 179	13	45	6050154	NPD2911-01	05/01/06 20:39
Ethylbenzene	ND	0.0360		mg/kg	0.0500	72%	19 - 146	9	44	6050154	NPD2911-01	05/01/06 20:39
Methyl tert-Butyl Ether	ND	0.0430		mg/kg	0.0500	86%	47 - 148	10	39	6050154	NPD2911-01	05/01/06 20:39
Diisopropyl Ether	ND	0.0400		mg/kg	0.0500	80%	50 - 143	8	41	6050154	NPD2911-01	05/01/06 20:39
Toluene	0.00223	0.0422		mg/kg	0.0500	80%	40 - 143	9	41	6050154	NPD2911-01	05/01/06 20:39
Ethyl tert-Butyl Ether	ND	0.0405		mg/kg	0.0500	81%	48 - 145	10	37	6050154	NPD2911-01	05/01/06 20:39
Tert-Amyl Methyl Ether	ND	0.0402		mg/kg	0.0500	80%	43 - 150	10	39	6050154	NPD2911-01	05/01/06 20:39
Xylenes, total	ND	0.0980		mg/kg	0.150	65%	36 - 144	9	35	6050154	NPD2911-01	05/01/06 20:39
Surrogate: 1,2-Dichloroethane-d4		41.3		ug/L	50.0	83%	72 - 125			6050154	NPD2911-01	05/01/06 20:39
Surrogate: 1,2-Dichloroethane-d4		41.3		ug/L	50.0	83%	72 - 125			6050154	NPD2911-01	05/01/06 20:39
Surrogate: Dibromofluoromethane		44.0		ug/L	50.0	88%	73 - 124			6050154	NPD2911-01	05/01/06 20:39
Surrogate: Dibromofluoromethane		44.0		ug/L	50.0	88%	73 - 124			6050154	NPD2911-01	05/01/06 20:39
Surrogate: Toluene-d8		54.0		ug/L	50.0	108%	80 - 124			6050154	NPD2911-01	05/01/06 20:39
Surrogate: Toluene-d8		54.0		ug/L	50.0	108%	80 - 124			6050154	NPD2911-01	05/01/06 20:39
Surrogate: 4-Bromofluorobenzene		44.1		ug/L	50.0	88%	25 - 185			6050154	NPD2911-01	05/01/06 20:39
Surrogate: 4-Bromofluorobenzene		44.1		ug/L	50.0	88%	25 - 185			6050154	NPD2911-01	05/01/06 20:39
Purgeable Petroleum Hydrocarbons												
6050154-MSD1												
Gasoline Range Organics	0.539	3.31		mg/kg	3.05	91%	60 - 140	9	40	6050154	NPD2911-01	05/01/06 20:39
Surrogate: 1,2-Dichloroethane-d4		41.3		ug/L	50.0	83%	0 - 200			6050154	NPD2911-01	05/01/06 20:39
Surrogate: Dibromofluoromethane		44.0		ug/L	50.0	88%	0 - 200			6050154	NPD2911-01	05/01/06 20:39
Surrogate: Toluene-d8		54.0		ug/L	50.0	108%	0 - 200			6050154	NPD2911-01	05/01/06 20:39
Surrogate: 4-Bromofluorobenzene		44.1		ug/L	50.0	88%	0 - 200			6050154	NPD2911-01	05/01/06 20:39
6050170-MSD1												
Gasoline Range Organics	ND	2390		ug/L	3050	78%	60 - 140	17	40	6050170	NPD3241-02	04/30/06 17:31
Surrogate: 1,2-Dichloroethane-d4		47.8		ug/L	50.0	96%	0 - 200			6050170	NPD3241-02	04/30/06 17:31
Surrogate: Dibromofluoromethane		52.9		ug/L	50.0	106%	0 - 200			6050170	NPD3241-02	04/30/06 17:31
Surrogate: Toluene-d8		51.8		ug/L	50.0	104%	0 - 200			6050170	NPD3241-02	04/30/06 17:31
Surrogate: 4-Bromofluorobenzene		53.4		ug/L	50.0	107%	0 - 200			6050170	NPD3241-02	04/30/06 17:31
Extractable Petroleum Hydrocarbons with Silica Gel Treatment												
6044156-MSD1												
Diesel	11.3	43.2	M1	mg/kg	40.0	80%	21 - 156	65	50	6044156	NPD2911-13	04/26/06 20:17
Surrogate: o-Terphenyl		0.684		mg/kg	0.800	86%	56 - 143			6044156	NPD2911-13	04/26/06 20:17

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville

Method	Matrix	AIHA	Nelac	California
CA LUFT GC/MS	Soil			X
CA LUFT GC/MS	Water			X
NA	Soil			
NA	Water			
SW846 8015B	Soil			
SW846 8015B	Water			
SW846 8260B	Soil	N/A	X	X
SW846 8260B	Water	N/A	X	X
SW-846	Soil			

TestAmerica
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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

NELAC CERTIFICATION SUMMARY

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

Method	Matrix	Analyte
CA LUFT GC/MS	Soil	Gasoline Range Organics
	Water	Gasoline Range Organics
SW-846	Soil	% Dry Solids
SW846 8015B	Soil	Diesel
	Water	Diesel
SW846 8260B	Soil	Diisopropyl Ether
	Water	Diisopropyl Ether

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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD2911
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	SAP 135266
Attn	Anni Kreml	Received:	04/22/06 08:10

DATA QUALIFIERS AND DEFINITIONS

M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

PX Sample for VOA analysis not received in preserved VOA vials or Encore or similar sampling device.

Z3 The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM BC#

NPD2911

Cooler Received/Opened On: 4/22/06@8:10

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 2386

Fed-Ex

Temperature of representative sample or temperature blank when opened: 2.0 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: 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 (intial)..... MR

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 (intial)..... DV

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 (intial)..... DV

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 (intial)..... DV

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

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

BIS = Broken in shipment

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM BC#

Cooler Received/Opened On 4/22/06 8:10

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 3912

Fed-Ex UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: 2.5 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 (intial)..... 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 (intial)..... DZ

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 (intial)..... DZ

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 (intial)..... KW

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

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

BIS = Broken in shipment

SHELL Chain Of Custody Record

LAB: (Test America) STL Other________

Lab Identification (if necessary):
- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, C
- ☐ TA - Nashville, Te
- ☐ STL
- ☐ Other (location)________

NPD2911
05/02/06 23:59

Shell Project Manager to be Invoiced:

☑ ENVIRONMENTAL SERVICES — Denis Brown
☐ TECHNICAL SERVICES
☐ CRMT HOUSTON
☐ NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

INCIDENT NUMBER (ES ONLY): 9 8 9 9 5 3 4 9

SAP or CRMT NUMBER (TS/CRMT):

DATE: 4/18/2006
PAGE: 1 of 3

SAMPLING COMPANY: Cambria Environmental Technology, Inc.	LOG CODE: CETO	SITE ADDRESS: Street and City: 1800 Powell, Emeryville, CA	State: CA
GLOBAL ID NO.: T0600101231			
ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608	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.: 248-0894-6			
PROJECT CONTACT (Hardcopy or PDF Report to): David Gibbs PG	SAMPLER NAME(S) (Print): BARONE	LAB USE ONLY	
TELEPHONE: 510.420.3363	FAX: 510.420.9170	E-MAIL: dgibbs@cambria-env.com	

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: ________

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

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

cc lab report to: rbarone@cambria-env.com

RECEIPT VERIFICATION REQUESTED ☑

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)		5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	Test for Disposal (see attached)			FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes / TEMPERATURE ON RECEIPT C°
	SB-7-3	4/18	1145	SO	1	x	x	x		x		NPD2911 -	1	
	SB-8-5	4/18	1300	SO	1	X	X	X		X			2	
	SB-8-8	4/18	1315	SO	1	X	X	X		X			3	
	SB-8-W	4/18	1330	W	4	X		X		X			4	HCl
	SB-8-W	4/18	1330	W	4		X							NON
	SB-9-4	4/18	1430	S	1	X	X	X		X			5	
	SB-11-4	4/18	1530	S	1	X	X	X		X			6	
	SB-10-4	4/18	1700	S	1	X	X	X		X			7	
	SB-12-3	↓	1750	S	1	X	X	X		X			8	
	SB-12-6	↓	1810	S	1	X	X	X		X			9	

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature] Sam Conkin	4/15/2006	1900
[signature]	[signature] Ambage	4-21-2006	1035
[signature] Ambage	[signature]	4-21-06	1200
[signature] 4/21/04 1500	[signature]	04/22/06	0910

11/18/05 Revision

Q&Q Graphic (714) 898-9702

LAB: (Test America) STL Other______

Lab Identification (if necessary):

- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Nashville, Tennesee
- ☐ STL
- ☐ Other (location)______

SHELL Chain Of Custody Record

Shell Project Manager to be Invoiced:

☑ ENVIRONMENTAL SERVICES Denis Brown
☐ TECHNICAL SERVICES
☐ CRMT HOUSTON ☐ NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

INCIDENT NUMBER (ES ONLY): 9 8 9 9 5 3 4 9

SAP or CRMT NUMBER (TS/CRMT): [redacted]

DATE: 18-19 4/ /2006

PAGE: 2 of 3

SAMPLING COMPANY: Cambria Environmental Technology, Inc.	LOG CODE: CETO	SITE ADDRESS: Street and City: 1800 Powell, Emeryville, CA	State: CA	GLOBAL ID NO.: T0600101231
ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608		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.: 248-0894-6
PROJECT CONTACT (Hardcopy or PDF Report to): David Gibbs PG		SAMPLER NAME(S) (Print): BARONE		LAB USE ONLY
TELEPHONE: 510.420.3363	FAX: 510.420.9170	E-MAIL: dgibbs@cambria-env.com		

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: ______

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

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

cc lab report to: rbarone@cambria-env.com

RECEIPT VERIFICATION REQUESTED ☑

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	Test for Disposal (see attached)		FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	SB-12-W	4/18	1930	W	4	x		x	x	NPD2911	10	HCl
	SB-12-W	4/18	1930	W	4		X					NON Preserved
	SB-7-5.5	4/19	800	S	1	X	X	X	X		11	
	SB-7-W	4/19	800	W	5	X		X	X		12	HCl
	SB-7-W	4/19	800	W	5		X					NON Preserved
	SB-9-7.5	4/19	850	S	1	X	X	X	X		13	
	SB-9-W	4/19	900	W	10	X	X	X	X		14	NON Preserved
	SB-11-6	4/19	945	S	1	X	X	X	X		15	
	SB-11-W	4/19	1010	W	10	X	X	X	X		16	NON Preserved

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature]	4/19/2006	1900
[signature]	[signature]	4-21-06	1035
[signature]	[signature]	4-21-05	1200

[signature] 4/21/06 1530 [signature] 04/22/06 0810

11/18/05 Revision

Q&Q Graphic (714) 898-9702

SHELL Chain Of Custody Record

LAB: Test America STL Other_____

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

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

INCIDENT NUMBER (ES ONLY): 98995349

SAP or CRMT NUMBER (TS/CRMT):

DATE: 4/19/2006

PAGE: 3 of 3

SAMPLING COMPANY: Cambria Environmental Technology, Inc.	LOG CODE: CETO	SITE ADDRESS: Street and City: 1800 Powell, Emeryville, CA	State: CA
GLOBAL ID NO.: T0600101231			
ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608		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.: 248-0894-6		
PROJECT CONTACT (Hardcopy or PDF Report to): David Gibbs PG		SAMPLER NAME(S) (Print): BARONE	
TELEPHONE: 510.420.3363	FAX: 510.420.9170	E-MAIL: dgibbs@cambria-env.com	

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

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

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

cc lab report to: rbarone@cambria-env.com

RECEIPT VERIFICATION REQUESTED ☑

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	Test for Disposal (see attached)										TEMPERATURE ON RECEIPT C°
	SB-10-6	4/19	1045	S	7	X	X	X	X								NPD2911 -		18	
	SB-10-W	4/19	1100	W	9	X	X	X	X								L		18	NON PRESERVE

Relinquished by: (Signature)	Received by: (Signature)	Date: 4/19/2006	Time: 1400
Relinquished by: (Signature)	Received by: (Signature)	Date: 4/21/2006	Time: 0935
Relinquished by: (Signature)	Received by: (Signature)	Date: 4/21/2006	Time: 1200

4/21/06 1500 — 04/22/06 — 0810

11/18/05 Revision

Q&Q Graphic (714) 898-9702

SEVERN TRENT STL

ANALYTICAL REPORT

Job Number: 720-3228-1

Job Description: 1800 Powell, Emeryville, CA

For:
Cambria Environmental Tech
5900 Hollis Street, Suite A
Emeryville, CA 94508

Attention: David Gibbs

Melissa Brewer

Melissa Brewer
Project Manager I
mbrewer@stl-inc.com
05/31/2006
Revision: 2

cc: Ron Barone

Project Manager: Melissa Brewer

METHOD SUMMARY

Client: Cambria Environmental Tech

Job Number: 720-3228-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL-SF	SW846 8260B	
Purge and Trap for Solids	STL-SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL-SF	SW846 8015B	
Ultrasonic Extraction	STL-SF		SW846 3550B
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL-SF	SW846 6010B	
Acid Digestion of Waters for Total Recoverable or	STL-SF		SW846 3005A
Acid Digestion of Sediments, Sludges, and Soils	STL-SF		SW846 3050B
California WET Citrate Leach	STL-SF		CA-WET CA WET Citrate
General Sub Contract Method	STL-SF	Subcontract	

LAB REFERENCES:

STL-SF = STL-San Francisco

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Cambria Environmental Tech

Job Number: 720-3228-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-3228-5	SP-1	Solid	04/19/2006 1200	04/19/2006 1400

Client: Cambria Environmental Tech

Job Number: 720-3228-1

Client Sample ID: **SP-1**

Lab Sample ID: 720-3228-5
Client Matrix: Solid

Date Sampled: 04/19/2006 1200
Date Received: 04/19/2006 1400

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/24/2006 1110
Date Prepared: 04/24/2006 1110

Analysis Batch: 720-8133

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200604\04
Initial Weight/Volume: 5.53 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0045
Ethylbenzene		0.013		0.0045
Toluene		ND		0.0045
Xylenes, Total		0.040		0.0090
Gasoline Range Organics (GRO)-C6-C12		0.76		0.23

Surrogate	%Rec	Acceptance Limits
Toluene-d8	85	70 - 130
1,2-Dichloroethane-d4	105	60 - 140

Client: Cambria Environmental Tech

Job Number: 720-3228-1

Client Sample ID: **SP-1**

Lab Sample ID: 720-3228-5
Client Matrix: Solid

Date Sampled: 04/19/2006 1200
Date Received: 04/19/2006 1400

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3550B
Dilution: 10
Date Analyzed: 04/24/2006 1105
Date Prepared: 04/21/2006 0528

Analysis Batch: 720-8000
Prep Batch: 720-7975

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 30.11 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel		1400	LDR	10

Surrogate	%Rec		Acceptance Limits
o-Terphenyl	0	AX	60 - 130

Client: Cambria Environmental Tech

Job Number: 720-3228-1

Client Sample ID: SP-1

Lab Sample ID:	720-3228-5	Date Sampled:	04/19/2006 1200
Client Matrix:	Solid	Date Received:	04/19/2006 1400

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 720-7994		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-7984		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.01 g
Date Analyzed:	04/21/2006 1156			Final Weight/Volume:	50 mL
Date Prepared:	04/21/2006 0814				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Lead		64		0.99

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-STLC Citrate

Method:	6010B	Analysis Batch: 720-8375		Instrument ID:	Varian ICP
Preparation:	3005A	Prep Batch: 720-8360		Lab File ID:	N/A
Dilution:	1.0	Leachate Batch: 720-8340		Initial Weight/Volume:	5 mL
Date Analyzed:	05/01/2006 1556			Final Weight/Volume:	50 mL
Date Prepared:	05/01/2006 1010				
Date Leached:	04/28/2006 1927				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL
Lead		3.1		0.50

DATA REPORTING QUALIFIERS

Client: Cambria Environmental Tech

Job Number: 720-3228-1

Lab Section	Qualifier	Description
GC Semi VOA		
	LDR	Hydrocarbon reported is in late diesel range but does not match the Diesel Standard
	AX	Surrogate(s) diluted out

Client: Cambria Environmental Tech

Job Number: 720-3228-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:720-8133				
LCS 720-8133/22	Lab Control Spike	Solid	8260B	
LCSD 720-8133/10	Lab Control Spike Duplicate	Solid	8260B	
MB 720-8133/11	Method Blank	Solid	8260B	
720-3145-A-33 MS	Matrix Spike	Solid	8260B	
720-3145-A-33 MSD	Matrix Spike Duplicate	Solid	8260B	
720-3228-5	SP-1	Solid	8260B	
GC Semi VOA				
Prep Batch: 720-7975				
LCS 720-7975/2-A	Lab Control Spike	Solid	3550B	
LCSD 720-7975/3-A	Lab Control Spike Duplicate	Solid	3550B	
MB 720-7975/1-A	Method Blank	Solid	3550B	
720-3228-5	SP-1	Solid	3550B	
Analysis Batch:720-8000				
LCS 720-7975/2-A	Lab Control Spike	Solid	8015B	720-7975
LCSD 720-7975/3-A	Lab Control Spike Duplicate	Solid	8015B	720-7975
MB 720-7975/1-A	Method Blank	Solid	8015B	720-7975
720-3228-5	SP-1	Solid	8015B	720-7975

Client: Cambria Environmental Tech

Job Number: 720-3228-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
Metals				
Prep Batch: 720-7980				
MB 720-7980/1-A	Method Blank	Solid	3050B	
Prep Batch: 720-7984				
LCS 720-7984/2-A	Lab Control Spike	Solid	3050B	
LCSD 720-7984/3-A	Lab Control Spike Duplicate	Solid	3050B	
720-3228-5	SP-1	Solid	3050B	
720-3234-A-1-D MS	Matrix Spike	Solid	3050B	
720-3234-A-1-E MSD	Matrix Spike Duplicate	Solid	3050B	
Prep Batch: 720-8360				
720-3228-5MS	Matrix Spike	Solid	3005A	
720-3228-5MSD	Matrix Spike Duplicate	Solid	3005A	
Prep Batch: 720-8340				
LCS 720-8340/2-B	Lab Control Spike	Solid	CA WET Citrate	
LCSD 720-8340/3-B	Lab Control Spike Duplicate	Solid	CA WET Citrate	
MB 720-8340/1-B	Method Blank	Solid	CA WET Citrate	
720-3228-5	SP-1	Solid	CA WET Citrate	
Analysis Batch:720-7994				
MB 720-7980/1-A	Method Blank	Solid	6010B	720-7980
Analysis Batch:720-7994				
LCS 720-7984/2-A	Lab Control Spike	Solid	6010B	720-7984
LCSD 720-7984/3-A	Lab Control Spike Duplicate	Solid	6010B	720-7984
720-3228-5	SP-1	Solid	6010B	720-7984
720-3234-A-1-D MS	Matrix Spike	Solid	6010B	720-7984
720-3234-A-1-E MSD	Matrix Spike Duplicate	Solid	6010B	720-7984
Prep Batch: 720-8360				
LCS 720-8340/2-B	Lab Control Spike	Solid	3005A	720-8340
LCSD 720-8340/3-B	Lab Control Spike Duplicate	Solid	3005A	720-8340
MB 720-8340/1-B	Method Blank	Solid	3005A	720-8340
720-3228-5	SP-1	Solid	3005A	720-8340
Analysis Batch:720-8375				
LCS 720-8340/2-B	Lab Control Spike	Solid	6010B	720-8360
LCSD 720-8340/3-B	Lab Control Spike Duplicate	Solid	6010B	720-8360
MB 720-8340/1-B	Method Blank	Solid	6010B	720-8360
720-3228-5	SP-1	Solid	6010B	720-8360
720-3228-5MS	Matrix Spike	Solid	6010B	720-8360
720-3228-5MSD	Matrix Spike Duplicate	Solid	6010B	720-8360

Client: Cambria Environmental Tech

Job Number: 720-3228-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample	(12DCE) (%Rec)	(TOL) (%Rec)
720-3228-5	SP-1	105	85
720-3145-A-33 MS		98	93
720-3145-A-33 MSD		103	90
LCS 720-8133/22		100	95
LCSD 720-8133/10		103	93
MB 720-8133/11		98	90

Surrogate		Acceptance Limits
(12DCE)	1,2-Dichloroethane-d4	60 - 140
(TOL)	Toluene-d8	70 - 130

Client: Cambria Environmental Tech

Job Number: 720-3228-1

Surrogate Recovery Report

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Client Matrix: Solid

Lab Sample ID	Client Sample	(OTPH) (%Rec)
720-3228-5	SP-1	0 AX
LCS 720-7975/2-A		89
LCSD 720-7975/3-A		87
MB 720-7975/1-A		77

Surrogate		Acceptance Limits
(OTPH)	o-Terphenyl	60 - 130

Client: Cambria Environmental Tech

Job Number: 720-3228-1

Method Blank - Batch: 720-8133

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-8133/11
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/24/2006 1035
Date Prepared: 04/24/2006 1035

Analysis Batch: 720-8133
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200604\0
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Ethylbenzene	ND		0.0050
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
Gasoline Range Organics (GRO)-C6-C12	ND		0.25

Surrogate	% Rec	Acceptance Limits
Toluene-d8	90	70 - 130
1,2-Dichloroethane-d4	98	60 - 140

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-8133

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-8133/22
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/24/2006 0952
Date Prepared: 04/24/2006 0952

Analysis Batch: 720-8133
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200604\0
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-8133/10
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/24/2006 1014
Date Prepared: 04/24/2006 1014

Analysis Batch: 720-8133
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200604\042
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	81	87	69 - 129	7	20		
Toluene	81	85	70 - 130	5	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	95	93	70 - 130
1,2-Dichloroethane-d4	100	103	60 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Cambria Environmental Tech

Job Number: 720-3228-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-8133

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-3145-A-33 MS	Analysis Batch: 720-8133	Instrument ID: Varian 3900E
Client Matrix:	Solid	Prep Batch: N/A	Lab File ID: c:\varianws\data\200604\(
Dilution:	1.0		Initial Weight/Volume: 5.15 g
Date Analyzed:	04/24/2006 1153		Final Weight/Volume: 10 mL
Date Prepared:	04/24/2006 1153		

MSD Lab Sample ID:	720-3145-A-33 MSD	Analysis Batch: 720-8133	Instrument ID: Varian 3900E
Client Matrix:	Solid	Prep Batch: N/A	Lab File ID: c:\varianws\data\200604\04
Dilution:	1.0		Initial Weight/Volume: 5.37 g
Date Analyzed:	04/24/2006 1214		Final Weight/Volume: 10 mL
Date Prepared:	04/24/2006 1214		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	93	98	69 - 129	1	20		
Toluene	88	87	70 - 130	5	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8	93	90	70 - 130
1,2-Dichloroethane-d4	98	103	60 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Cambria Environmental Tech

Job Number: 720-3228-1

Method Blank - Batch: 720-7975

Method: 8015B
Preparation: 3550B

Lab Sample ID: MB 720-7975/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/21/2006 0839
Date Prepared: 04/21/2006 0528

Analysis Batch: 720-8000
Prep Batch: 720-7975
Units: mg/Kg

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 30.32 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel	ND		0.99

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	77	60 - 130

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-7975

Method: 8015B
Preparation: 3550B

LCS Lab Sample ID: LCS 720-7975/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/21/2006 0907
Date Prepared: 04/21/2006 0528

Analysis Batch: 720-8000
Prep Batch: 720-7975
Units: mg/Kg

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 30.15 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-7975/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/21/2006 0934
Date Prepared: 04/21/2006 0528

Analysis Batch: 720-8000
Prep Batch: 720-7975
Units: mg/Kg

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 30.29 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel	75	79	60 - 130	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	89	87	60 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Cambria Environmental Tech

Job Number: 720-3228-1

Method Blank - Batch: 720-7980

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 720-7980/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/21/2006 1057
Date Prepared: 04/21/2006 0618

Analysis Batch: 720-7994
Prep Batch: 720-7980
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 40 mL
Final Weight/Volume: 42.8 mL

Analyte	Result	Qual	RL
Lead	ND		0.021

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Cambria Environmental Tech

Job Number: 720-3228-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-7984

Method: 6010B
Preparation: 3050B

LCS Lab Sample ID:	LCS 720-7984/2-A	Analysis Batch: 720-7994	Instrument ID: Varian ICP
Client Matrix:	Solid	Prep Batch: 720-7984	Lab File ID: N/A
Dilution:	1.0	Units: mg/Kg	Initial Weight/Volume: 1 g
Date Analyzed:	04/21/2006 1148		Final Weight/Volume: 50 mL
Date Prepared:	04/21/2006 0814		

LCSD Lab Sample ID:	LCSD 720-7984/3-A	Analysis Batch: 720-7994	Instrument ID: Varian ICP
Client Matrix:	Solid	Prep Batch: 720-7984	Lab File ID: N/A
Dilution:	1.0	Units: mg/Kg	Initial Weight/Volume: 1 g
Date Analyzed:	04/21/2006 1152		Final Weight/Volume: 50 mL
Date Prepared:	04/21/2006 0814		

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Lead	103	104	80 - 120	1	20		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-7984

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	720-3234-A-1-D MS	Analysis Batch: 720-7994	Instrument ID: Varian ICP
Client Matrix:	Solid	Prep Batch: 720-7984	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 1.02 g
Date Analyzed:	04/21/2006 1204		Final Weight/Volume: 50 mL
Date Prepared:	04/21/2006 0814		

MSD Lab Sample ID:	720-3234-A-1-E MSD	Analysis Batch: 720-7994	Instrument ID: Varian ICP
Client Matrix:	Solid	Prep Batch: 720-7984	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 1.00 g
Date Analyzed:	04/21/2006 1208		Final Weight/Volume: 50 mL
Date Prepared:	04/21/2006 0814		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Lead	97	94	75 - 125	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Cambria Environmental Tech

Job Number: 720-3228-1

Method Blank - Batch: 720-8360

Method: 6010B
Preparation: 3005A
STLC Citrate

Lab Sample ID: MB 720-8340/1-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/01/2006 1544
Date Prepared: 05/01/2006 1010
Date Leached: 04/28/2006 1927

Analysis Batch: 720-8375
Prep Batch: 720-8360
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Lead	ND		0.50

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-8360

Method: 6010B
Preparation: 3005A
STLC Citrate

LCS Lab Sample ID: LCS 720-8340/2-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/01/2006 1548
Date Prepared: 05/01/2006 1010
Date Leached: 04/28/2006 1927

Analysis Batch: 720-8375
Prep Batch: 720-8360
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-8340/3-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/01/2006 1552
Date Prepared: 05/01/2006 1010
Date Leached: 04/28/2006 1927

Analysis Batch: 720-8375
Prep Batch: 720-8360
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Lead	97	95	80 - 120	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Cambria Environmental Tech

Job Number: 720-3228-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-8360

Method: 6010B
Preparation: 3005A
STLC Citrate

MS Lab Sample ID:	720-3228-5	Analysis Batch: 720-8375	Instrument ID: Varian ICP
Client Matrix:	Solid	Prep Batch: 720-8360	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/01/2006 1600		Final Weight/Volume: 50 mL
Date Prepared:	05/01/2006 1010		

MSD Lab Sample ID:	720-3228-5	Analysis Batch: 720-8375	Instrument ID: Varian ICP
Client Matrix:	Solid	Prep Batch: 720-8360	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/01/2006 1610		Final Weight/Volume: 50 mL
Date Prepared:	05/01/2006 1010		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Lead	95	90	80 - 120	3	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

LAB: Test America (STL) Other____

LAB (location if applicable)

- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Nashville, Tennessee
- ☐ STL
- ☐ Other (location) ____________

SHELL Chain Of Custody Record

Shell Project Manager to be Invoiced:

- ☑ ENVIRONMENTAL SERVICES
- ☐ TECHNICAL SERVICES
- ☐ CRMT HOUSTON
- ☐ NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

Denis Brown

720-3228

INCIDENT NUMBER (ES ONLY): 9 8 9 9 5 3 4 9

SAP or CRMT NUMBER (TS/CRMT): [redacted]

DATE: 4/ /2006

PAGE: 1 of 1

SAMPLING COMPANY: Cambria Environmental Technology, Inc.	LOG CODE: CETO	SITE ADDRESS (Street and City): 1800 Powell, Emeryville, CA	State: CA	GLOBAL ID NO.: T0600101231
ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608		EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, Cambria, Emeryville	PHONE NO.: 510-420-3343	E-MAIL: shell.em.edf@cambria-env.com
PROJECT CONTACT (Hardcopy or PDF Report to): David Gibbs PG				CONSULTANT PROJECT NO.: 248-0894-6
TELEPHONE: 510.420.3363	FAX: 510.420.9170	E-MAIL: dgibbs@cambria-env.com	SAMPLER NAME(S) (Print): BARONE	LAB USE ONLY

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: ____________

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

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

cc lab report to: rbarone@cambria-env.com

Composite A→D = 1

RECEIPT VERIFICATION REQUESTED ☑

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)		5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	Test for Disposal (see attached)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes / TEMPERATURE ON RECEIPT C°
	SP-1-A	4/18	1200	So	1	X	X	X	X	X	X	Comp TPHg 1→20 (Hold) SP-1
	SP-1-B	↓	↓	↓	↓						X	
	SP-1-C	↓	↓	↓	↓						X	
	SP-1-D	↓	↓	↓	↓						X	

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
[signature]	[signature] STL-SF	4/18/06	1235
[signature] STL-SF	[signature]	4/19/06	1400

Page 19 of 28

10/18/05 Revision

720-3228

RESIDUAL MANAGEMENT PROCEDURE

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

RESIDUAL STREAM:	SOIL WITH UNLEADED GASOLINE + DIESEL
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 AND DIESEL

~~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

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Cambria Environmental Tech

Job Number: 720-3228-1

Login Number: 3228

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	False	DATE: 4/19/06 @ 12:00
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	False	COMP 4:1

Calscience Environmental Laboratories, Inc.

May 08, 2006

Melissa Brewer
Severn Trent Laboratories, Inc.
1220 Quarry Lane
Pleasanton, CA 94566-4756

Subject: **Calscience Work Order No.:** **06-04-1744**
Client Reference: **720-3228 / 1800 Powell, Emerville, CA**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 4/29/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

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

Sincerely,

Amanda Porter

Calscience Environmental
Laboratories, Inc.
Amanda Porter
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Severn Trent Laboratories, Inc.		Date Received:	04/29/06
1220 Quarry Lane		Work Order No:	06-04-1744
Pleasanton, CA 94566-4756		Preparation:	N/A
		Method:	DHS LUFT

Project: 720-3228 / 1800 Powell, Emerville, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
720-3228-5	**06-04-1744-1**	**04/19/06**	**Solid**	**05/08/06**	**05/08/06**	**060508L07**

Parameter	Result	RL	DF	Qual	Units
Organic Lead	1.16	1.00	1		mg/kg

Method Blank	099-10-020-535	N/A	Solid	05/08/06	05/08/06	060508L07

Parameter	Result	RL	DF	Qual	Units
Organic Lead	ND	1.00	1		mg/kg

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Severn Trent Laboratories, Inc.		Date Received:	04/29/06
1220 Quarry Lane		Work Order No:	06-04-1744
Pleasanton, CA 94566-4756		Preparation:	N/A
		Method:	DHS LUFT

Project 720-3228 / 1800 Powell, Emerville, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-05-0198-1	**Solid**	**FLAA**	**05/08/06**	**05/08/06**	**060508S07**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Organic Lead	84	84	22-148	1	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Severn Trent Laboratories, Inc.		Date Received:	N/A
1220 Quarry Lane		Work Order No:	06-04-1744
Pleasanton, CA 94566-4756		Preparation:	N/A
		Method:	DHS LUFT

Project: 720-3228 / 1800 Powell, Emerville, CA

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-10-020-535	Solid	FLAA	05/08/06	NONE	060508L07

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Organic Lead	25.0	22.1	88	72-126	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-04-1744

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

STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
Phone (925) 484-1919 Fax (925) 484-1096

06-04-1744

Chain of Custody Record

SEVERN TRENT STL
Severn Trent Laboratories, Inc.

Client Contact	Project Manager: Brewer, Melissa	Site Contact:	Date:	ICOC No: 720-785
Shipping/Receiving@ Calscience Environm	Tel/Fax:	Lab Contact:	Carrier No:	Job Number: 720-3228-2
7440 Lincoln Way, ,	Analysis Due Date			
Garden Grove, CA 92641	5/2/2006			
Phone: 714-895-5494	Shipped with Order No: 720-759			
Fax:				
Project Name: 1800 Powell, Emeryville, CA	Due 5-8-06			
Site:				
PO #:				
WO #:				

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	SUBCONTRACT/ Organic Lead	Special Instructions/Note:
720-3228-5	4/19/06	12:00		Solid	1		X	

Page 27 of 28

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Special Instructions/QC Requirements:

Relinquished by: Joan Mullen	Company: STL SF	Date/Time: 4-26-06 1200	Received by:	Company:
Relinquished by: Fed-ex	Company: Fed-ex	Date/Time: 4/26/06 10:35	Received by: Rodriguez (CCL)	Company: CCL
Relinquished by:	Company:	Date/Time:	Received by:	Company:

Comments:

Page 6 of 7

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 04 - 1744

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: STL DATE: 4/29/06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

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

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
2.3 °C IR thermometer.
_____ Ambient temperature.

Initial: RW

CUSTODY SEAL INTACT:

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

Initial: RW

SAMPLE CONDITION:

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

Initial: RW

COMMENTS:

ATTACHMENT E

Soil Disposal Confirmation

MANLEY & SONS TRUCKING, INC.
SACRAMENTO, CA
DEMO
LOW BED / LOADERS
HAZARDOUS WASTE HAULING
AGGREGATES
SAND / GRAVEL
FILL DIRT
CA 0009430
(916) 381-6864

Hazardous Waste Hauler (Registration # 2843)
P.O. Box 292547 * Sacramento, CA 95829 * FAX 916-381-1573

Disposal Confirmation

Request for Transportation Received: 05/16/2006

Consultant Information

Company:	Cambria
Contact:	Karen Newton
Phone:	510-420-3309
Fax:	510-420-9170

Site Information

PO #	
Street Address:	1800 Powell
City, State, ZIP:	Emeryville, CA
Customer:	Shell Oil Company RESA-0023-LDC
RIPR #:	52911
SAP # / Location:	NA
Incident #:	98995349
Location / WIC #:	NA
Environmental Engineer:	Denis Brown
Material Description:	Soil
Estimated Quantity:	1-2 cy
Service Requested Date:	Thursday May 18th, 2006
Disposal Facility:	Forward Landfill
Contact:	Scott
Phone:	800 204-4242
Approval #:	6345
Date of Disposal:	05/18/2006
Actual Tonnage	0.80 tons
Transporter:	Manley & Sons Trucking, Inc.
Contact:	Jennifer Rogers
Phone:	916 381-6864
Fax:	916 381-1573
Invoice:	200605-16
Date of Invoice:	05/23/2006