RECEIVED
By loprojectop at 1:30 pm, Mar 28, 2006

Denis L. Brown

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

March 27, 2006

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

Re: Subsurface Investigation and First Quarter 2006 Groundwater Monitoring Report
Shell-branded Service Station
3600 Park Boulevard
Oakland, California
SAP Code 135689
Incident #98995747

Dear Mr. Wickham:

Attached for your review and comment is a copy of the *Subsurface Investigation and First Quarter 2006 Groundwater Monitoring 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

RECEIVED
By lopprojectop at 1:30 pm, Mar 28, 2006

CAMBRIA

March 27, 2006

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

Re: **Subsurface Investigation and**
First Quarter 2006 Groundwater Monitoring Report
Shell-branded Service Station
3600 Park Boulevard
Oakland, California
Incident # 98995747
SAP Code 135689
Cambria Project #248-0937-007

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 and First Quarter 2006 Groundwater Monitoring Report* to document the recent investigation activities at the referenced site and in accordance with reporting requirements of 23 CCR 2652d. The work was performed in response to the July 27, 2005 letter from the Alameda County Health Care Services Agency (ACHCSA) requesting an investigation of the extent of petroleum hydrocarbon-impacted soil and groundwater at the site. Cambria followed the scope of work presented in the September 14, 20045 *Subsurface Investigation and Monitoring Well Installation Work Plan* which ACHCSA approved in a September 22, 2005 letter to Shell. Cambria performed the work in accordance with ACHCSA and San Francisco Regional Water Quality Control Board (RWQCB) guidelines.

SITE LOCATION AND DESCRIPTION

The site is an operating Shell-branded service station located at the Park Boulevard and Chatham Road intersection in Oakland, California. The area surrounding the site is both commercial and residential. Interstate 580 is located across Chatham Road opposite the site's southwestern boundary (Figure 1). The service station layout includes a station building, four dispenser islands, and a gasoline underground storage tank (UST) complex (Figure 2 and 3).

Cambria Environmental Technology, Inc.

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

PREVIOUS INVESTIGATIONS

1998 Upgrade Soil Sampling: In February 1998, secondary containment was added to the existing dispensers and the turbine sumps. Cambria inspected the dispenser and tank pit areas. No field indications of hydrocarbons, such as staining or odor, were observed beneath dispensers D-3 or D-4 during the site visit. Since the City of Oakland Fire Department did not require sampling at dispensers during 1998 upgrade projects unless there was evidence of hydrocarbons, no sampling was performed at these dispensers. Cambria personnel observed staining and odor beneath dispensers D-1 and D-2 and collected soil samples beneath these dispensers at depths of approximately 2 feet into native soil. A second sample was collected from beneath dispenser D-2 at a depth of approximately 5 feet into native soil. Total petroleum hydrocarbons as gasoline (TPHg) was detected in all dispenser samples, with the maximum concentration of 2,703 parts per million (ppm) detected in sample D-2 at 2.0 feet. Benzene was detected in all dispenser samples, with the maximum concentration of 1.3 ppm detected in sample D-2 at 5.0 feet. Methyl tertiary-butyl ether (MTBE) was detected in all dispenser samples, with the maximum concentration of 49 ppm detected in sample D-1 at 2.0 feet. On March 5, 1998, Shell filed an Underground Storage Tank Unauthorized Release Site Report. Cambria's April 7, 1998 *Dispenser Soil Sampling Report* documents these results.

2004 Well Survey: At Shell's request, Cambria performed a well survey for all water-producing wells within a 1/2-mile radius of the site. As shown on Figure 1, Cambria's search of the California Department of Water Resources and Geotracker database records did not return any records of water-producing wells within the search radius.

2004 Upgrade Activities: Paradiso Mechanical, Inc. (Paradiso) of San Leandro, California upgraded fuel dispensers in late June through mid-July 2004. Paradiso upgraded under-dispenser containment at the dispensers and installed enhanced vapor recovery equipment and improved sumps on the UST fuel fill ports. At the direction of the City of Oakland Fire Services Agency, Cambria collected soil samples at depths 1 to 2 feet into native soil beneath each dispenser on August 20, 2004. Four soil samples were collected at depths ranging from 4 to 5 feet below grade (fbg). Laboratory analysis of the samples indicated the presence of hydrocarbons in soils in and around the dispenser locations. As a result, Shell filed an Underground Storage Tank Unauthorized Release Report Form with the City of Oakland Fire Department on August 24, 2004. Cambria's October 15, 2004 *Dispenser Upgrade Sampling Report* includes details of the upgrade sampling.

Based on the dispenser sampling results, ACHCSA requested that a soil and groundwater investigation be conducted on site to determine the nature and extent of potential hydrocarbon impacts. Cambria submitted the requested work plan on September 14, 2005. ACHCSA

concurred with the proposed scope of work and approved the work plan in a September 22, 2005 letter to Shell. In a January 31, 2006 e-mail, ACHCSA approved an extension to the February 16, 2006 submittal date for this report. The approved submittal date is March 31, 2006.

INVESTIGATION SUMMARY

Cambria oversaw the advancement of eight soil borings (SB-1 through SB-8) and the installation of groundwater monitoring wells MW-2, MW-4, MW-7, and MW-8 at the locations shown on Figure 2. Following utility clearance and hand auguring of the top 5-feet, Cambria oversaw the advancement of four borings (SB-1 through SB-4) in the vicinity of the dispensers, three (SB-5 through SB-7) in the vicinity of the UST complex, and one (SB-8) at a location in the assumed downgradient direction from both. Soil samples were collected every 5 feet above the water table for chemical analysis. A grab sample of first-encountered groundwater was collected from each soil boring. The grab groundwater samples were collected using a hydropunch type groundwater sampler at all locations except SB-3 and SB-5. The shallow depth of first-encountered groundwater, possibly due to leaking underground piping, allowed sample collection from the open borehole using a disposable bailer. Due to the greater proposed total depth of the well to be installed at SB-8, a second boring was advanced adjacent to this boring, and an additional grab groundwater sample was collected at 50 fbg. Borings SB-2, SB-4, SB-7, and SB-8 were then over-drilled, and monitoring wells MW-2, MW-4, MW-7, and MW-8 installed. Following a 72-hour period to allow the well seals to set, the wells were developed and sampled. Cambria presents our standard field procedures for Geoprobe® soil and groundwater sampling and our standard field procedures for soil borings and monitoring well installation as Attachment A. Details of this subsurface investigation are summarized below.

Cambria Personnel Present: Working under the supervision of California Professional Geologist David Gibbs, Cambria senior staff scientist Stewart Dalie directed the field activities.

Permits: Cambria obtained monitoring well installation and soil boring permits (Permit #'s W02005-1159 through W02005-1163) from the Alameda County Public Works Agency (Attachment B).

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

Drilling Dates: January 3 through January 6, 2006.

Drilling Methods: A 3-inch hydraulic push Geoprobe® was used to advance soil borings, and 10-inch hollow-stem augers were used to drill well borings.

Number of Borings and Wells: Eight soil borings (SB-1 through SB-8) were advanced, and four (SB-2, SB-4, SB7, and SB-8) were converted into groundwater monitoring wells (MW-2, MW-4, MW-7, and MW-8). Table 1 presents the soil boring and well construction specifications, and Figure 2 shows the soil boring and well locations.

Boring Depths: Soil boring SB-1 was advanced to 28 fbg, borings SB-3 and SB-5 were advanced to 12 fbg, and boring SB-6 was advanced to 40 fbg. Borings SB-2 and SB-4 were advanced to 30 fbg, and borings SB-7 and SB-8 were advanced to 38 and 50 fbg, respectively.

Groundwater Depths: While advancing the soil borings, groundwater was encountered at initial depths of 5 to 39 fbg. Advancement of borings SB-3 and SB-5 was terminated at shallower depths than the remaining borings because groundwater was encountered at 8 fbg, possibly due to leaking underground water piping reported by the site owner. On January 24, 2006, Blaine Tech Services, Inc. (Blaine) of San Jose, California measured groundwater in wells MW-2, MW-4, MW-7, and MW-8 at depths ranging from 9.64 fbg to 17.08 fbg. Blaine's well gauging data is included in Attachment C.

Soil Sampling Methods: Borings were logged continuously to provide detailed lithologic profiles. Cambria logged soil types using the Unified Soil Classification System. Attachment D presents boring logs which describe the encountered soils. Soil samples were collected every 5 feet above the water table for chemical analysis. Soil samples from the borings were screened for the presence of organic vapors using a photo-ionization detector (PID). PID readings are recorded on the boring logs.

Grab Groundwater Sampling: A grab sample of first-encountered groundwater was collected from each soil boring. Because water levels rose in most borings during sample collection, sample depths and first-encountered water depths do not match. Samples were collected from all borings except SB-3 and SB-5 using a hydropunch sampling system. The shallow depth at which groundwater was encountered in borings SB-3 and SB-5 allowed for sample collection from the open borehole using a disposable bailer. A second boring was advanced adjacent boring SB-8, and an

additional grab groundwater sample was collected at 50 fbg using a hydropunch sampling system. Following development, Blaine gauged, purged and sampled monitoring wells MW-2, MW-4, MW-7, and MW-8.

Soil Classification: Soils consisted primarily of clays, silts, sands, and silty sands to the total explored depth of 50 fbg.

Chemical Analyses: State-certified Severn Trent Laboratories, Inc. of Pleasanton, California analyzed selected soil and grab groundwater samples from the borings and groundwater samples from wells MW-5, MW-6, and MW-7 for TPHg, benzene, toluene, ethylbenzene, and total xylenes (BTEX), MTBE, di-isopropyl ether (DIPE), ethyl tertiary-butyl ether (ETBE), tertiary-amyl methyl ether (TAME), tertiary-butanol (TBA), and lead scavengers 1,2-dichloroethane (1,2-DCA), and ethylene dibromide (EDB) using EPA Method 8260B. Certified laboratory analytical reports for soil and groundwater are included in Attachment E, and summarized in Tables 2 and 3, respectively. Blaine's report (Attachment C) includes laboratory reports for well groundwater sampling data.

Soil Disposal: Cambria temporarily stockpiled soil generated during the field activities on site. To characterize the stockpiled soil for disposal, one four-point composite sample was collected on January 5, 2006, and analyzed for TPHg, and BTEX using EPA Method 8260B and for total threshold limit concentration lead using EPA Method 5030B. On February 9, 2006, Manley and Sons Trucking, Inc. of Sacramento, California transported the soil to Allied Waste Industries' Forward Landfill in Manteca, California for disposal as a non-hazardous waste. Disposal confirmation for the soil is included as Attachment F.

Well Construction: The wells were constructed using 4-inch diameter Schedule 40 PVC casing. Wells MW-2 and MW-4 were screened from 20 to 30 fbg, and wells MW-7 and MW-8 were screened from 28 to 38 fbg and from 40 to 50 fbg, respectively, using 0.010-inch machine slotted screen. The wells were completed by placing a filter pack of Monterey #2/12 sand from the bottom of the well casing to approximately 2 feet above the top of the screened casing. Approximately 2 feet of bentonite were placed above the

filter pack. Neat Portland cement was placed in the annular space between the boring wall and the PVC casing from the top of the bentonite seal to approximately 1 fbg. A flush-mounted, traffic-rated well box was installed to protect and finish each well to grade. Cambria presents monitoring well construction details in Table 1 and on the boring logs (Attachment D). Department of Water Resources well driller's completion reports are included as Attachment G.

Well Development and Sampling: Blaine developed and purged newly-installed wells MW-2, MW-4, MW-7, and MW-8 on January 12 and January 19, 2006, and gauged and sampled the new wells on January 24, 2006. Purge volumes on January 12, 2006 for wells MW-2, MW-4, MW-7, and MW-8 were 34.5, 39, 42, and 91 gallons respectively. Purge volumes on January 19, 2006 for wells MW-2, MW-4, MW-7, and MW-8 were 29, 29, 41, and 34 gallons, respectively. The second development date was added due to dewatering of the wells prior to removing an adequate purge volume for well development. Blaine developed the wells using surge block agitation and pump evacuation. Blaine's groundwater monitoring and well development report, which includes field sheets, is presented as Attachment C.

Wellhead Survey: On February 1, 2006, Virgil Chavez Land Surveying (licensed land surveyor No. 6323) of Vallejo, California surveyed the rim and top of casing elevations for wells MW-2, MW-4, MW-7, and MW-8 relative to mean sea level and surveyed the wells' longitudes and latitudes. The survey report is included as Attachment H.

Groundwater Flow Direction: Cambria evaluated water-level measurement data from January 24, 2006 and prepared a groundwater elevation contour map (Figure 3). Groundwater flow direction is generally to the west with an approximate hydraulic gradient of 0.086 feet per foot.

INVESTIGATION RESULTS

Analytical Results in Soil: TPHg was detected in three soil samples from boring SB-4 at concentrations ranging from 5.4 to 100 ppm. TPHg was also detected in soil boring SB-1 at a concentration of 1.1 ppm. BTEX was not detected in any soil sample. MTBE was detected in soil borings SB-1, SB-4, SB-5, SB-6, SB-7, and SB-8 at concentrations ranging from 0.0053 to 0.65 ppm. TBA was detected in soil borings SB-1, SB-4, SB-6, SB-7, and SB-8 at concentrations ranging from 0.017 to 0.96 ppm. Fuel oxygenates DIPE, TAME, ETBE and lead scavengers 1,2-DCA and EDB were not detected in any soil samples. Table 2 summarizes soil analytical data, and Figure 2 includes TPHg, benzene, and MTBE concentrations detected in soil samples collected during this investigation.

Analytical Results in Grab Groundwater: TPHg was not detected in any grab groundwater samples. Benzene was detected in grab groundwater samples from borings SB-1, SB-2 and SB-3 at concentrations ranging from 0.065 to 0.86 parts per billion (ppb). MTBE was detected in grab groundwater samples from borings SB-1, SB-3, SB-4, SB-5, SB-7, and SB-8 at concentrations ranging from 1.1 to 3,800 ppb. TBA was detected in the grab groundwater sample from boring SB-8 at a concentration of 310 ppb. Fuel oxygenates TAME, DIPE, ETBE and lead scavengers 1,2-DCA and EDB were not detected in any grab groundwater samples. Table 3 summarizes grab groundwater analytical data collected during this investigation, and Figure 2 includes TPHg, benzene, and MTBE, concentrations detected in grab groundwater samples collected during the investigation.

Analytical Results in Well Sampling Groundwater: TPHg was detected in groundwater samples collected from wells MW-4, and MW-8 at concentrations of 1,330 and 1,120 ppb, respectively. BTEX was not detected in any sample collected during well sampling. MTBE was detected in groundwater samples collected from wells MW-4, MW-7, and MW-8 at concentrations of 762, 3.08, and 592 ppb, respectively. Fuel oxygenate TAME and lead scavenger 1,2-DCA were detected in the groundwater sample collected from well MW-4 at 1.72 and 1.35 ppb, respectively. Fuel oxygenates TBA, DIPE, ETBE and lead scavenger EDB were not detected in any groundwater sample collected from the wells. Figure 3 includes analytes detected during the first quarter sampling event.

CONCLUSIONS AND RECOMMENDATIONS

With the exception of localized shallow soils in the vicinity of the northwestern-most dispensers (D-1 and D-2), hydrocarbon impact to soil in the area investigated is minimal. TPHg and MTBE concentrations in shallow soil samples collected from borings SB-1 and SB-4 are likely indicative of the hydrocarbon-impacted soil beneath the dispensers reported during both the 1998 and 2004 site upgrades. Based upon the site's location and the lack of known water supply wells in the site vicinity, Cambria believes it is unlikely that groundwater in the area is used for drinking water. Therefore, soil sampling results were compared to the San Francisco RWQCB environmental screening levels (ESLs) and The City of Oakland Urban Land Redevelopment Program's Tier 1 risk-based screening levels (RBSLs) for soil at sites with commercial land uses and where groundwater is not used as drinking water. None of the soil sample results exceed the applicable ESL or RBSL. As a result, we believe that the impacted soils pose little or no risk to human health, and we recommend no further action.

MTBE concentrations in the grab groundwater samples collected from boring SB-8 exceeded the ESL for sites at which groundwater is not a current source of drinking water. The deeper grab groundwater sample was intended to vertically delineate impact to groundwater. However, due to the detection of MTBE in the 50 fbg sample at a greater concentration than was detected in the 32 fbg sample, vertical delineation was not achieved. In addition, the sample collected from monitoring well MW-8 contained a much lower MTBE concentration than was detected in the grab sample from boring SB-8, and the MTBE concentration in the sample collected from monitoring well MW-4 was greater than the concentration detected in the grab sample collected from boring SB-4. Cambria considers the samples collected from the wells to be more accurate indicators of impact to the site's groundwater. MTBE concentrations did not exceed the ESL in any of the well samples.

TPHg concentrations in the samples from MW-8 and MW-4 do exceed the ESL. MW-8 and MW-4 are downgradient of the UST complex and the northwestern-most dispenser island, respectively, two possible petroleum hydrocarbon and fuel oxygenate source areas.

Well MW-8 was designed to monitor any additional, deeper groundwater zone at the site. Based on the lithology observed during boring advancement, well MW-8 is not screened in a separate water-bearing interval, but rather in a deeper portion of the same water-bearing interval in which wells MW-2, MW-4, and MW-7 are screened.

Based on these results, we recommend the continuation of groundwater monitoring on a quarterly basis at the site.

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 - Site Vicinity/Well Survey Map
2 - Site Plan with Soil and Groundwater Chemical Concentration
3 - Groundwater Elevation Contour Map

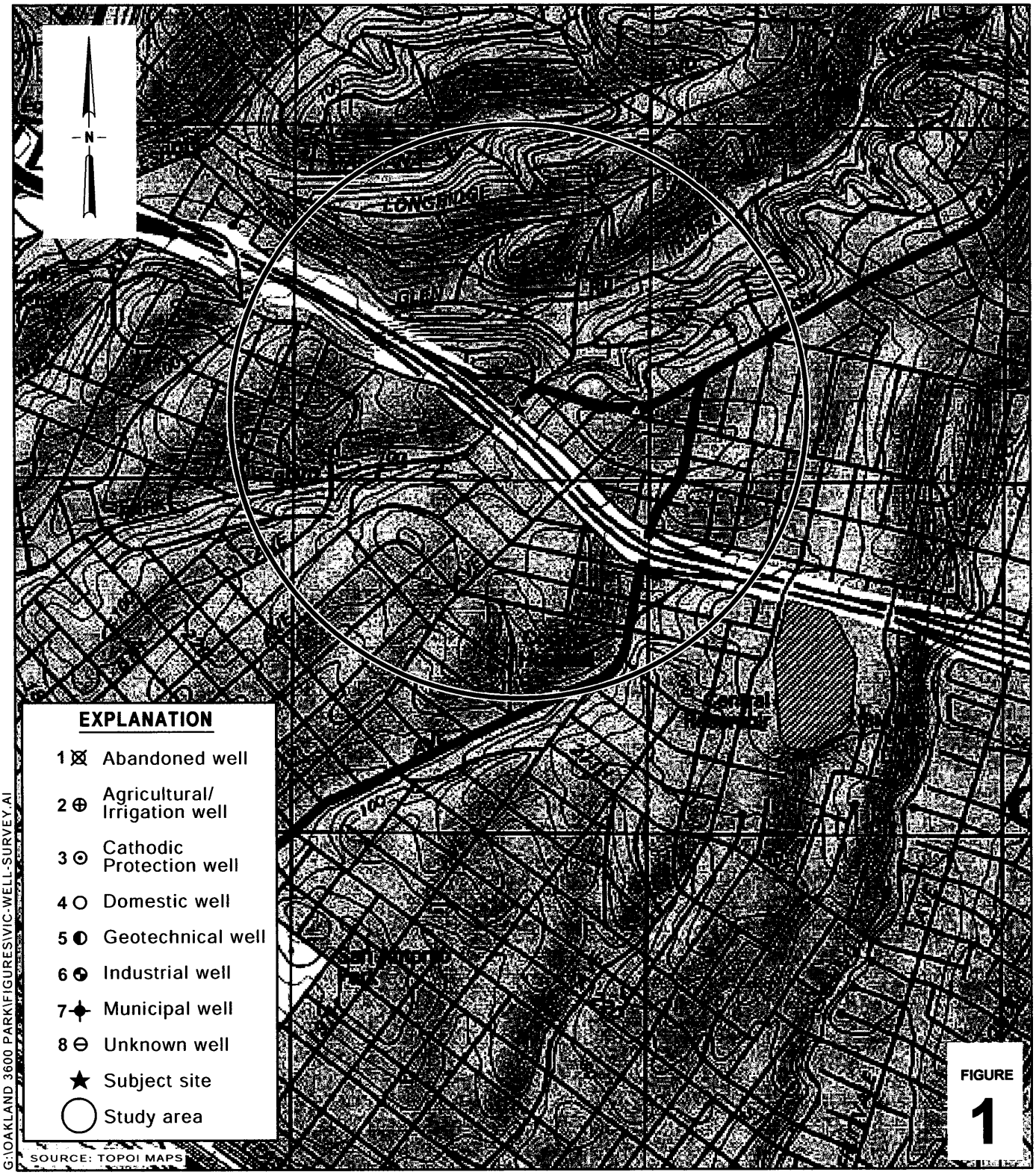
Tables:
1 - Well and Boring Data
2 - Historical Soil Analytical Data
3 - Grab Groundwater Analytical Data

Attachments:
A - Standard Field Procedures for Geoprobe® Soil and Groundwater Sampling and for Soil Borings and Monitoring Well Installation
B - Permits
C - Blaine Groundwater Monitoring Report and Field Notes
D - Boring Logs and Well Construction Details
E - Certified Laboratory Analytical Reports
F - Soil Disposal Confirmation
G - Department of Water Resources Well Driller's Completion Reports
H - Well Survey Report

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

G:\Oakland 3600 Park\2005 Subsurface Investigation\Investigation Report\SIRandQMR.doc

03/27/06



G:\OAKLAND 3600 PARK\FIGURES\VIC-WELL-SURVEY.AI

0 1/8 1/4 1/2 1

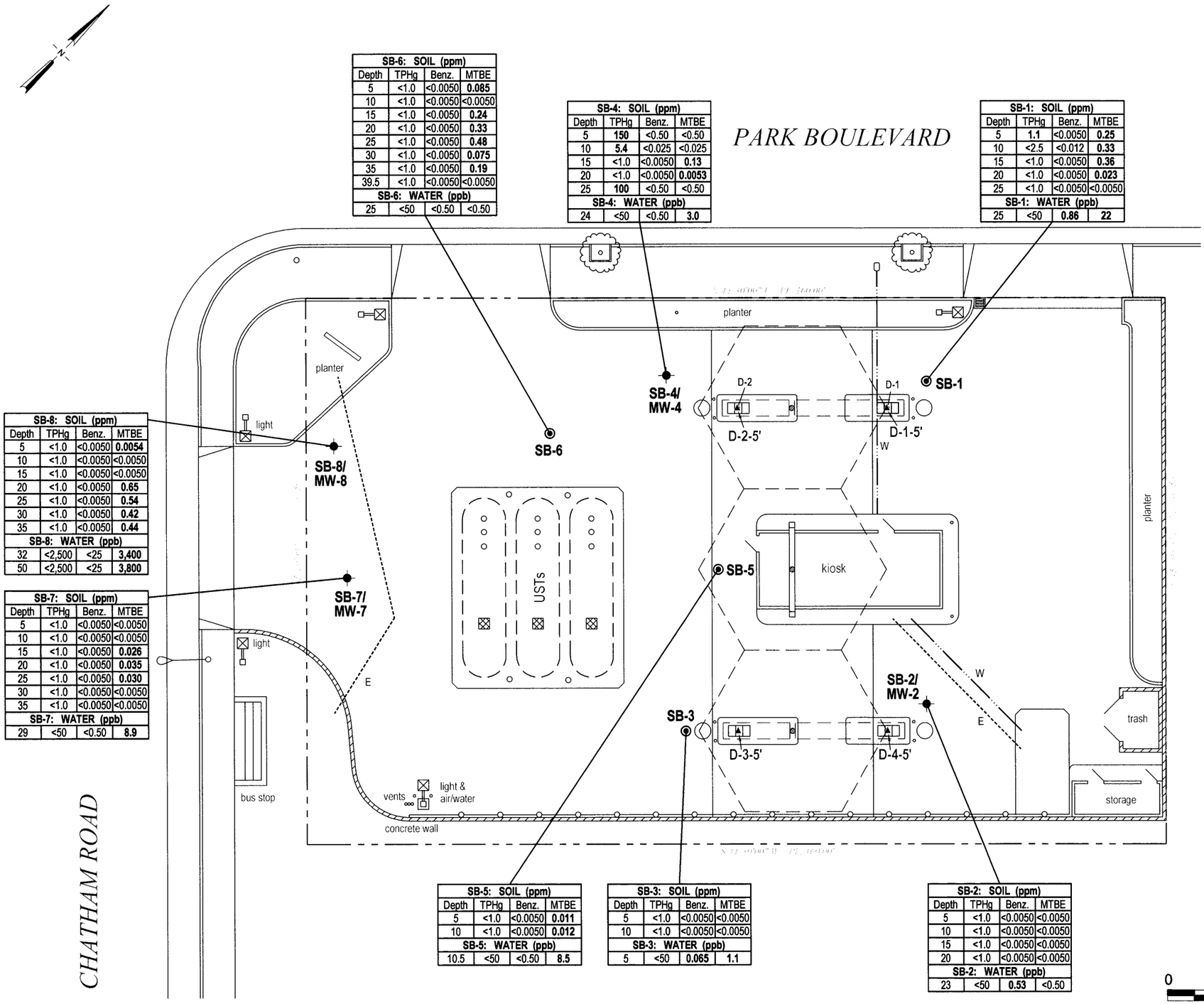
SCALE : 1" = 1/4 MILE

Shell-branded Service Station
3600 Park Boulevard
Oakland, California
Incident No.98995747

CAMBRIA

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

02/28/06



SB-6: SOIL (ppm)			
Depth	TPHg	Benz.	MTBE
5	<1.0	<0.0050	**0.085**
10	<1.0	<0.0050	<0.0050
15	<1.0	<0.0050	**0.24**
20	<1.0	<0.0050	**0.33**
25	<1.0	<0.0050	**0.48**
30	<1.0	<0.0050	**0.075**
35	<1.0	<0.0050	**0.19**
39.5	<1.0	<0.0050	<0.0050
SB-6: WATER (ppb)			
25	<50	<0.50	<0.50

SB-4: SOIL (ppm)			
Depth	TPHg	Benz.	MTBE
5	**150**	<0.50	<0.50
10	**5.4**	<0.025	<0.025
15	<1.0	<0.0050	**0.13**
20	<1.0	<0.0050	**0.0053**
25	**100**	<0.50	<0.50
SB-4: WATER (ppb)			
24	<50	<0.50	**3.0**

SB-1: SOIL (ppm)			
Depth	TPHg	Benz.	MTBE
5	**1.1**	<0.0050	**0.25**
10	<2.5	<0.012	**0.33**
15	<1.0	<0.0050	**0.36**
20	<1.0	<0.0050	**0.023**
25	<1.0	<0.0050	<0.0050
SB-1: WATER (ppb)			
25	<50	**0.86**	**22**

SB-8: SOIL (ppm)			
Depth	TPHg	Benz.	MTBE
5	<1.0	<0.0050	**0.0054**
10	<1.0	<0.0050	<0.0050
15	<1.0	<0.0050	<0.0050
20	<1.0	<0.0050	**0.65**
25	<1.0	<0.0050	**0.54**
30	<1.0	<0.0050	**0.42**
35	<1.0	<0.0050	**0.44**
SB-8: WATER (ppb)			
32	<2,500	<25	**3,400**
50	<2,500	<25	**3,800**

SB-7: SOIL (ppm)			
Depth	TPHg	Benz.	MTBE
5	<1.0	<0.0050	<0.0050
10	<1.0	<0.0050	<0.0050
15	<1.0	<0.0050	**0.026**
20	<1.0	<0.0050	**0.035**
25	<1.0	<0.0050	**0.030**
30	<1.0	<0.0050	<0.0050
35	<1.0	<0.0050	<0.0050
SB-7: WATER (ppb)			
29	<50	<0.50	**8.9**

SB-5: SOIL (ppm)			
Depth	TPHg	Benz.	MTBE
5	<1.0	<0.0050	**0.011**
10	<1.0	<0.0050	**0.012**
SB-5: WATER (ppb)			
10.5	<50	<0.50	**8.5**

SB-3: SOIL (ppm)			
Depth	TPHg	Benz.	MTBE
5	<1.0	<0.0050	<0.0050
10	<1.0	<0.0050	<0.0050
SB-3: WATER (ppb)			
5	<50	**0.065**	**1.1**

SB-2: SOIL (ppm)			
Depth	TPHg	Benz.	MTBE
5	<1.0	<0.0050	<0.0050
10	<1.0	<0.0050	<0.0050
15	<1.0	<0.0050	<0.0050
20	<1.0	<0.0050	<0.0050
SB-2: WATER (ppb)			
23	<50	**0.53**	<0.50

EXPLANATION

- MW-2 ✦ Monitoring well location
- SB-1 ◉ Soil boring location (1/3-6/06)
- D-1-5' ▲ Dispenser soil sample location (8/20/04)
- D-1 ● Dispenser soil sample location (02/20/98)

SB-1: SOIL (ppm)			
Depth	TPHg	Benz.	MTBE
SB-1: WATER (ppb)			
Depth	TPHg	Benz.	MTBE

Soil Boring ID

Soil sample depth and TPHg, benzene, and MTBE concentrations in soil, in ppm

Soil Boring ID

Soil sample depth and TPHg, benzene, and MTBE concentrations in groundwater, in ppb

Electrical line (E)

Water line (W)

0 10 20 40

Scale (ft)

Site Plan with Soil and Groundwater Chemical Concentrations

CAMBRIA

FIGURE

2

Shell-branded Service Station

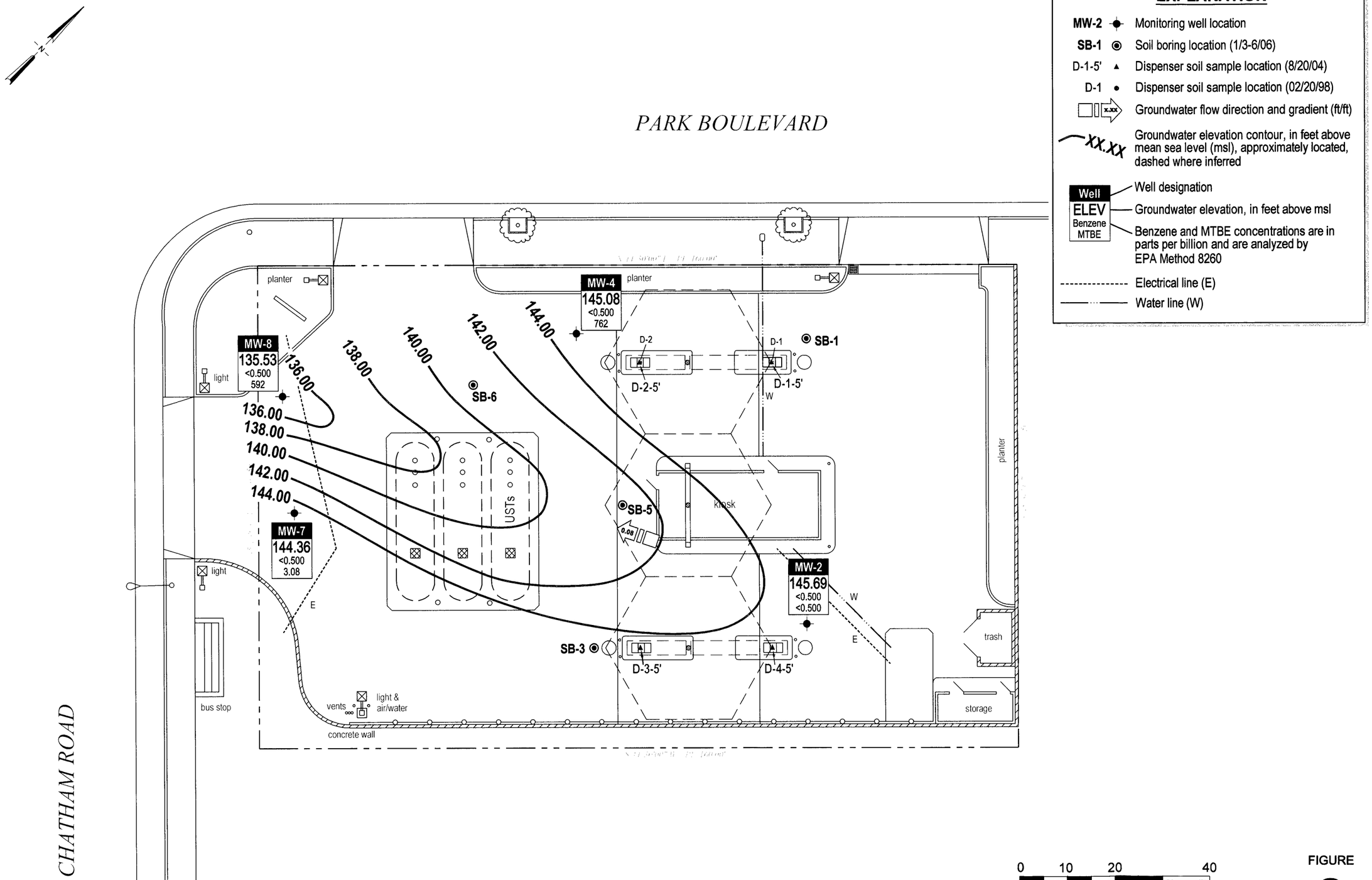
3600 Park Boulevard

Oakland, California

Incident No.98995747

G:\OAKLAND 3600 PARK\FIGURES\SITE PLAN 1-06.DWG

03/20/06



EXPLANATION

- MW-2 — Monitoring well location
- SB-1 — Soil boring location (1/3-6/06)
- D-1-5' — Dispenser soil sample location (8/20/04)
- D-1 — Dispenser soil sample location (02/20/98)
- Groundwater flow direction and gradient (ft/ft)
- XX.XX — Groundwater elevation contour, in feet above mean sea level (msl), approximately located, dashed where inferred
- Well / ELEV / Benzene / MTBE — Well designation; Groundwater elevation, in feet above msl; Benzene and MTBE concentrations are in parts per billion and are analyzed by EPA Method 8260
- Electrical line (E)
- Water line (W)

0 10 20 40
Scale (ft)

Groundwater Elevation Contour Map
January 24, 2006

FIGURE
3

Shell-branded Service Station
3600 Park Boulevard
Oakland, California
Incident No.98995747

CAMBRIA

G:\OAKLAND 3600 PARK\FIGURES\1QM06.DWG

Table 1. Well and Boring Data, Shell-branded Service Station, 3600 Park Boulevard, Oakland, California

Name	Type	Boring Date	TOC Elev (ft msl)	Total Depth (fbg)	Soil Sampling Interval (ft)	First Encountered Groundwater Depth (fbg)	First Encountered Groundwater Elev (ft msl)	Screen Diam. (in)	Screen Depth (fbg) Top	Screen Depth (fbg) Bottom
SB-1	3" Geoprobe boring	1/4/2006	-	28	5	25	-	-	-	-
MW-2	3" Geoprobe boring converted to 4" monitoring well	1/3/2006	156.92	30	5	24	145.69	4	20	30
SB-3	3" Geoprobe boring	1/3/2006	-	12	5	10.5 (a)	-	-	-	-
MW-4	3" Geoprobe boring converted to 4" monitoring well	1/3/2006	155.00	30	5	24	145.08	4	20	30
SB-5	3" Geoprobe boring	1/3/2006	-	12	5	5 (a)	-	-	-	-
SB-6	3" Geoprobe boring	1/3/2006	-	40	5	39	-	-	-	-
MW-7	3" Geoprobe boring converted to 4" monitoring well	1/4/2006	154.00	40	5	35	144.36	4	28	38
MW-8	3" Geoprobe boring converted to 4" monitoring wel	1/4/2006	152.61	50	5	33	135.53	4	40	50

Abbreviations:

ft msl = Feet referenced to mean sea level

TOC = Top of casing

fbg = feet below grade

a = perched water zone, possibly the result of leaking water pipe on property

Table 2. Historical Soil Analytical Results - Shell-branded Service Station, 3600 Park Blvd., Oakland, California,

Sample ID	Depth (fbg)	Date Sampled	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB
			(ppm) parts per million											
D-1	2	2/20/1998	**930**	**1.0**	**20**	**11**	**78**	---	**49**	---	---	---	---	---
D-2	2	2/20/1998	**2,703**	**1.2**	**1.1**	**1.9**	**14**	---	**4.5**	---	---	---	---	---
D-2	5	2/20/1998	**180**	**1.3**	**0.46**	**1.7**	**4.0**	---	**1.6**	---	---	---	---	---
D-1-5'	5	8/20/2004	**180**	<0.50	<0.50	<0.50	**2.3**	---	<0.50	---	---	---	---	---
D-2-5'	5	8/20/2004	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---
D-3-5'	5	8/20/2004	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---
D-4-5'	5	8/20/2004	**30**	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---	---	---	---	---
SB-1-5	5	1/3/2006	**1.1**	<0.0050	<0.0050	<0.0050	<0.0050	**0.27**	**0.25**	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-1-10	10	1/3/2006	<2.5	<0.012	<0.012	<0.012	<0.012	**0.37**	**0.33**	<0.025	<0.012	<0.012	<0.012	<0.012
SB-1-15	15	1/3/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	**0.36**	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-1-20	20	1/3/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	**0.023**	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-1-25	25	1/3/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-2-5	5	1/3/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-2-10	10	1/3/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-2-15	15	1/3/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-2-20	20	1/3/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-3-5	5	1/3/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-3-10	10	1/3/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-4-5	5	1/3/2006	**150**	<0.50	<0.50	<0.50	<0.50	<2.5	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50
SB-4-10	10	1/3/2006	**5.4**	<0.025	<0.025	<0.025	<0.025	**0.092**	<0.025	<0.050	<0.025	<0.025	<0.025	<0.025

Table 2. Historical Soil Analytical Results - Shell-branded Service Station, 3600 Park Blvd., Oakland, California,

Sample ID	Depth (fbg)	Date Sampled	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB
			← (ppm) parts per million →											
SB-4-15	15	1/3/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	**0.030**	**0.13**	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-4-20	20	1/3/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	**0.0053**	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-4-25	25	1/3/2006	**100**	<0.50	<0.50	<0.50	<0.50	<2.5	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50
SB-5-5	5	1/3/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	**0.011**	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-5-10	10	1/3/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	**0.012**	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-6-5	5	1/3/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	**0.96**	**0.0085**	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-6-10	10	1/3/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-6-15	15	1/3/2006	<5.0	<0.025	<0.025	<0.025	<0.025	<0.050	**0.24**	<0.050	<0.025	<0.025	<0.025	<0.025
SB-6-20	20	1/3/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	**0.032**	**0.33**	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-6-25	25	1/3/2006	<5.0	<0.025	<0.025	<0.025	<0.025	<0.050	**0.48**	<0.050	<0.025	<0.025	<0.025	<0.025
SB-6-30	30	1/3/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	**0.075**	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-6-35	35	1/3/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	**0.018**	**0.19**	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-6-39.5	39.5	1/3/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-7-5	5	1/4/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-7-10	10	1/4/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-7-15	15	1/4/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	**0.32**	**0.026**	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-7-20	20	1/4/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	**0.035**	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-7-25	25	1/4/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	**0.032**	**0.030**	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-7-30	30	1/4/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-7-35	35	1/4/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050

Table 2. Historical Soil Analytical Results - Shell-branded Service Station, 3600 Park Blvd., Oakland, California,

Sample ID	Depth (fbg)	Date Sampled	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB
			← (ppm) parts per million →											
SB-8-5	5	1/4/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	**0.0054**	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-8-10	10	1/4/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-8-15	15	1/4/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-8-20	20	1/4/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	**0.17**	**0.65** [a]	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-8-25	25	1/4/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	**0.017**	**0.54** [a]	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-8-30	30	1/4/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	**0.034**	**0.42** [a]	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
SB-8-35	35	1/4/2006	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	**0.027**	**0.44** [a]	<0.010	<0.0050	<0.0050	<0.0050	<0.0050

Abbreviations and Notes:

TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; prior to 2004, analyzed by EPA Mehtod 8015

Benzene, toluene, ethylbenzene, and xylenes analyzed by EPA Method 8260B; prior to 2004, analyzed by EPA Method 8020

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

MTBE = methyl tertiary butyl ether analyzed by EPA Method 8260B; prior to 2004, analyzed by EPA Method 8020

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

ETBE = ethyl tert butyl ether analyzed by EPA Method 88260b.

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

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

EDB = 1,2-dibromomethane analyzed by EPA Method 8260B.

fbg = Feet below grade

--- = Not analyzed

a = Estimated value. The concentration exceeded the calibration of analysis.

Table 3. Grab Groundwater Analytical Results - Shell-branded Service Station, 3600 Park Blvd., Oakland, California

Sample	Date Sampled	Depth (fbg)	TPHg µg/L	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Xylenes µg/L	TBA µg/L	MTBE µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	1,2-DCA µg/L	EDB µg/L
			← (ppb) parts per billion →											
SB-1-25W	1/4/2006	25	<50	**0.86**	<0.50	<0.50	<1.0	<5.0	**22**	<2.0	<2.0	<2.0	<0.50	<0.50
SB-2-23W	1/3/2006	23	<50	**0.53**	<0.50	<0.50	<1.0	<5.0	<0.50	<2.0	<2.0	<2.0	<0.50	<0.50
SB-3-5W	1/3/2006	5	<50	**0.065**	<0.50	<0.50	<1.0	<5.0	**1.1**	<2.0	<2.0	<2.0	<0.50	<0.50
SB-4-24W	1/3/2006	24	<50	<0.50	<0.50	<0.50	<1.0	<5.0	**3.0**	<2.0	<2.0	<2.0	<0.50	<0.50
SB-5-10.5W	1/3/2006	10.5	<50	<0.50	<0.50	<0.50	<1.0	<5.0	**8.5**	<2.0	<2.0	<2.0	<0.50	<0.50
SB-6-25W	1/3/2006	25	<50	<0.50	<0.50	<0.50	<1.0	**37**	<0.50	<2.0	<2.0	<2.0	**0.75**	<0.50
SB-7-29W	1/4/2006	29	<50	<0.50	<0.50	<0.50	<1.0	<5.0	**8.9**	<2.0	<2.0	<2.0	<0.50	<0.50
SB-8-32W	1/4/2006	32	<2500	<25	<25	<25	<50	<250	**3,400**	<100	<100	<100	<25	<25
SB-8-50W	1/4/2006	50	<2500	<25	<25	<25	<50	**310**	**3,800**	<100	<100	<100	<25	<25

Abbreviations and Notes:

fbg = Feet below grade

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

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

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

MTBE = methyl tertiary butyl ether analyzed by EPA Method 8260B

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

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

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

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

EDB = 1,2-dibromomethane analyzed by EPA Method 8260B.

ATTACHMENT A

Standard Field Procedures for Geoprobe® Soil and Groundwater Sampling and Standard Field Procedures for Soil Borings and Monitoring Well Installation

CAMBRIA

STANDARD FIELD PROCEDURES FOR GEOPROBE® SOIL AND GROUNDWATER SAMPLING

This document describes Cambria Environmental Technology's standard field methods for GeoProbe® soil and ground water 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 Registered Geologist (RG) 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,
- Other significant observations (i.e., cementation, presence of marker horizons, mineralogy), and
- Estimated permeability.

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 Ground Water Sampling

Ground water 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.

Discrete Depth Soil and Ground Water Sampling

Soil and groundwater samples are collected for lithologic and chemical analysis using a direct driven, dual tube soil coring system. A hydraulic hammer drives sampling rods into he ground to collect continuous soil cores. Two nested sampling rods are driven at the same time: a larger diameter outer rod to act as a temporary drive casing and a smaller inner rod to retrieve soil cores. As the rods are advanced the soil is driven into a sample barrel that is attached to the end of the inner rod. The outer rod ensures that the sample is collected from the desired interval by preventing sloughing of the overlying material. After reaching the desired depth the inner rods are removed from the boring and the sleeves containing the soil sample are removed from the inner sample barrel. 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.

When collecting groundwater samples, the sample barrel and inner rods are removed from the boring once the targeted water bearing zone has been reached. The drive casing is pulled up from 0.5 to 5 feet to allow groundwater to enter the borehole. Small diameter well casing and screen is then installed in the borehole to facilitate sample collection. The drive casing is then pulled up sufficiently to expose the desired length of screen and samples are collected using a bailer, peristaltic, bladder or inertial pump. 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. If the dual tube system is used, the borings are filled to the ground surface with cement grout poured or pumped through the dual tube casing.

STANDARD FIELD PROCEDURES FOR MONITORING WELL INSTALLATION

This document presents standard field methods for drilling and sampling soil borings and installing, developing and sampling groundwater monitoring wells. These procedures are designed to comply with Federal, State and local regulatory guidelines. Specific field procedures are summarized below.

SOIL BORINGS

Objectives

Soil samples are collected to characterize subsurface lithology, assess whether the soils exhibit obvious hydrocarbon or other compound vapor or staining, and to collect samples for analysis at a State-certified laboratory. All borings are logged using the Unified Soil Classification System by a trained geologist working under the supervision of a California Professional Geologist (P.G.) or Professional Engineer (P.E.).

Soil Boring and Sampling

Soil borings are typically drilled using hollow-stem augers or direct-push technologies such as the Geoprobe®. Soil samples are collected at least every five ft to characterize the subsurface sediments and for possible chemical analysis. Additional soil samples are collected near the water table and at lithologic changes. Samples are collected using lined split-barrel or equivalent samplers driven into undisturbed sediments at the bottom of the borehole.

Drilling and sampling equipment is steam-cleaned 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 Analysis

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

One of the remaining tubes is partially emptied leaving about one-third of the soil in the tube. The tube is capped with plastic end caps and set aside to allow hydrocarbons to volatilize from the soil. After ten to fifteen minutes, a portable volatile vapor analyzer measures volatile hydrocarbon vapor concentrations in the tube headspace, extracting the vapor through a slit in the cap. Volatile vapor analyzer measurements are used along with the field observations, odors, stratigraphy and groundwater depth to select soil samples for analysis.

Water Sampling

Water samples, if they are collected from the boring, are either collected using a driven Hydropunch® type sampler or are collected from the open borehole using bailers. The groundwater 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. Laboratory-supplied trip blanks accompany the samples and are analyzed to check for cross-contamination. An equipment blank may 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.

MONITORING WELL INSTALLATION, DEVELOPMENT AND SAMPLING

Well Construction and Surveying

Groundwater monitoring wells are installed to monitor groundwater quality and determine the groundwater elevation, flow direction and gradient. Well depths and screen lengths are based on groundwater depth, occurrence of hydrocarbons or other compounds in the borehole, stratigraphy and State and local regulatory guidelines. Well screens typically extend 10 to 15 fee below and 5 feet above the static water level at the time of drilling. However, the well screen will generally not extend into or through a clay layer that is at least three feet thick.

Well casing and screen are flush-threaded, Schedule 40 PVC. Screen slot size varies according to the sediments screened, but slots are generally 0.010 or 0.020 inches wide. A rinsed and graded sand occupies the annular space between the boring and the well screen to about one to two feet above the well screen. A two feet thick hydrated bentonite seal separates the sand from the overlying sanitary surface seal composed of Portland type I,II cement.

Well-heads are secured by locking well-caps inside traffic-rated vaults finished flush with the ground surface. A stovepipe may be installed between the well-head and the vault cap for additional security.

The well top-of-casing elevation is surveyed with respect to mean sea level and the well is surveyed for horizontal location with respect to an onsite or nearby offsite landmark.

Well Development

Wells are generally developed using a combination of groundwater surging and extraction. Surging agitates the groundwater and dislodges fine sediments from the sand pack. After about ten minutes of surging, groundwater is extracted from the well using bailing, pumping and/or reverse air-lifting through an conductor pipe to remove the sediments from the well. Surging and extraction continue until at least ten well-casing volumes of groundwater are extracted and the sediment volume in the groundwater is negligible. This process usually occurs prior to installing the sanitary surface seal to ensure sand pack stabilization. If development occurs after surface seal installation, then development occurs 24 to 72 hours after seal installation to ensure that the Portland cement has set up correctly.

All equipment is steam-cleaned prior to use and air used for air-lifting is filtered to prevent oil entrained in the compressed air from entering the well. Wells that are developed using air-lift evacuation are not sampled until at least 24 hours after they are developed.

Groundwater Sampling

Depending on local regulatory guidelines, three to four well-casing volumes of groundwater are purged prior to sampling. Purging continues until groundwater pH, conductivity, and temperature have stabilized. Groundwater samples are collected using bailers or pumps and 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. Laboratory-supplied trip blanks accompany the samples and are analyzed to check for cross-contamination. An equipment blank may be analyzed if non-dedicated sampling equipment is used.

Waste Handling and Disposal

Soil cuttings from drilling activities are usually stockpiled onsite and covered by plastic sheeting. At least three individual soil samples are collected from the stockpiles and composited at the analytic laboratory. The composite sample is analyzed for the same constituents analyzed in the borehole samples in addition to any analytes required by the receiving disposal facility. Soil cuttings are transported by licensed waste haulers and disposed in secure, licensed facilities based on the composite analytic results.

Groundwater removed during development and sampling is typically stored onsite in sealed 55-gallon drums. Each drum is labeled with the drum number, date of generation, suspected contents, generator identification and consultant contact. Upon receipt of analytic results, the water is either pumped out using a vacuum truck for transport to a licensed waste treatment/disposal facility or the individual drums are picked up and transported to the waste facility where the drum contents are removed and appropriately disposed.

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: 12/05/2005 By jamesy **Receipt Number: WR2005-2228**
Permits Issued: W2005-1159 to W2005-1163 **Permits Valid from 01/03/2006 to 01/06/2006**

Application Id: 1133802344647 **City of Project Site:**Oakland
Site Location: 3600 Park Blvd., Oakland, CA 94610
Project Start Date: 01/03/2006 **Completion Date:**01/06/2006

Applicant: Cambria Environmental - Stewart A Dalie IV **Phone:** 510-420-3339
5900 Hollis St. #A, Emeryville, CA 94608
Property Owner: Shell Oil Products Co. (US) **Phone:** 707-399-7878
20945 S. Wilmington, Carson, CA 90810
Client: ** same as Property Owner **

Total Due: $1400.00
Total Amount Paid: $1400.00
Paid By: CHECK **PAID IN FULL**

Works Requesting Permits:

Well Construction-Monitoring-Monitoring - 4 Wells
Driller: Gregg Drilling & Testing Inc. - Lic #: 485165 - Method: auger **Work Total: $1200.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2005-1159	12/05/2005	04/03/2006	MW-2	10.00 in.	4.00 in.	10.00 ft	40.00 ft
W2005-1160	12/05/2005	04/03/2006	MW-4	10.00 in.	4.00 in.	10.00 ft	40.00 ft
W2005-1161	12/05/2005	04/03/2006	MW-7	10.00 in.	4.00 in.	10.00 ft	40.00 ft
W2005-1162	12/05/2005	04/03/2006	MW-8	10.00 in.	4.00 in.	10.00 ft	40.00 ft

Specific Work Permit Conditions

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

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

3. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained.

4. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter

10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.

5. Applicant shall contact George Bolton for an inspection time at 510-670-5594 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

6. Wells shall have a Christy box or similar structure with a locking cap or cover. Well(s) shall be kept locked at all times. Well(s) that become damaged by traffic or construction shall be repaired in a timely manner or destroyed immediately (through permit process). No well(s) shall be left in a manner to act as a conduit at any time.

7. Minimum surface seal thickness is two inches of cement grout placed by tremie

8. Minimum seal depth for monitoring wells is 5 feet below ground surface(BGS) or the maximum depth practicable or 20 feet.

9. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

Borehole(s) for Investigation-Contamination Study - 8 Boreholes
Driller: Gregg Drilling & Testing Inc. - Lic #: 485165 - Method: auger **Work Total: $200.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2005-1163	12/05/2005	04/03/2006	8	3.00 in.	40.00 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 Bolton for an inspection time at 510-670-5594 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

5. 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.

PROGRAMS AND SERVICES

Well Standards Program

The Alameda County Public Works Agency, Water Resources is located at:
399 Elmhurst Street
Hayward, CA 94544
For Driving Directions or General Info, Please Contact 510-670-5480 or wells@acpwa.org
For Drilling Permit information and process contact James Yoo at
Phone: 510-670-6633
FAX: 510-782-1939
Email: Jamesy@acpwa.org

Alameda County Public Works is the administering agency of General Ordinance Code, Chapter 6.88 . The purpose of this chapter is to provide for the regulation of groundwater wells and exploratory holes as required by California Water Code. The provisions of these laws are administered and enforced by Alameda County Public Works Agency through its Well Standards Program.

Drilling Permit Jurisdictions in Alameda County: There are four jurisdictions in Alameda County.

Location:	Agency with Jurisdiction	Contact Number
Berkeley	City of Berkeley	Ph: 510-981-7460 Fax: 510-540-5672
Fremont, Newark, Union City	Alameda County Water District	Ph: 510-668-4460 Fax: 510-651-1760
Pleasanton, Dublin, Livermore, Sunol	Zone 7 Water Agency	Ph: 925-454-5000 Fax: 510-454-5728

The Alameda County Public Works Agency, Water Resources has the responsibility and authority to issue drilling permits and to enforce the County Water Well Ordinance 73-68. This jurisdiction covers the western Alameda County area of **Oakland, Alameda, Piedmont, Emeryville, Albany, San Leandro, San Lorenzo, Castro Valley,** and **Hayward** . The purpose of the drilling permits are to ensure that any new well or the destruction of wells, including geotechnical investigations and environmental sampling within the above jurisdiction and within Alameda County will not cause pollution or contamination of ground water or otherwise jeopardize the health, safety or welfare of the people of Alameda County.

Permits are required for all work pertaining to wells and exploratory holes at any depth within the jurisdiction of the Well Standards Program. A completed permit application *(30 Kb)** , along with a site map, should be submitted at least **ten (10) working days prior to the planned start of work**. Submittals should be sent to the address or fax number provided on the application form. When submitting an application via fax, please use a high resolution scan to retain legibility.

Complete Permit Application Check List *(24 Kb)**

Fees
Beginning April 11, 2005 , the following fees shall apply:

A permit to construct, rehabilitate, or destroy wells, including cathodic protection wells, but excluding dewatering wells, shall cost $300.00 per well.

A permit to bore exploratory holes, including temporary test wells, shall cost $200 per site. A site includes the project parcel as well as any adjoining parcels.

Please make checks payable to: **Treasurer, County of Alameda**

Permit Fees are exempt to State & Federal Projects

Applicants shall submit a letter from the agency requesting the fee exemption.

Scheduling Work/Inspections:
Alameda County Public Works Agency (ACPWA), Water Resources Section requires scheduling and inspection of permitted work. All drilling activities must be scheduled in advance. Availability of inspections will vary from week to week and will come on a first come, first served bases. To ensure inspection availability on your desired or driller scheduled date, the following procedures are required:

Please contact **George Bolton at 510-670-5594** to schedule the inspection date and time (You must have drilling permit approved prior to scheduling).

Schedule the work as far in advance as possible (at least 5 days in advance); and confirm the scheduled drilling date(s) at least 24 hours prior to drilling.

Once the work has been scheduled, an ACPWA Inspector will coordinate the inspection requirements as well as how the Inspector can be reached if they are not at the site when Inspection is required. Expect for special circumstances given, all work will require the inspection to be conducted during the working hours of 8:30am to 2:30pm., Monday to Friday, excluding holidays.

Request for Permit Extension:
Permits are only valid from the start date to the completion date as stated on the drilling permit application and Conditions of Approval. To request an extension of a drilling permit application, applicants must request in writing prior to the completion date as set forth in the Conditions of Approval of the drilling permit application. Please send fax or email to Water Resources Section, Fax 510-782-1939 or email at wells@acpwa.org. There are no additional fees for permit extensions or for re-scheduling inspection dates. You may not extend your drilling permit dates beyond 90 days from the approval date of the permit application. **NO refunds** shall be given back after 90 days and the permit shall be deemed voided.

Cancel a Drilling Permit:
Applicants may cancel a drilling permit only in writing by mail, fax or email to Water Resources Section, Fax 510-782-1939 or email at wells@acpwa.org. If you do not cancel your drilling permit application before the drilling completion date or notify in writing within 90 days, Alameda County Public Works Agency, Water Resources Section may void the permit and No refunds may be given back.

Refunds/Service Charge:

A service charge of $25.00 dollars for the first check returned and $35.00 dollars for each subsequent check returned.

Applicants who cancel a drilling permit application **before** we issue the approved permit(s), will receive a **FULL** refund (at any amount) and will be mailed back within two weeks.

Applicants who cancel a drilling permit application **after** a permit has been issued will then be charged a service fee of $50.00 (fifty Dollars). To collect the remaining funds will be determined by the amount of the refund to be refunded (see process below).

Board of Supervisors Minute Order, File No. 9763, dated January 9, 1996, gives blanket authority to the Auditor-Controller to process claims, from all County departments for the refund of fees which do not exceed $500 (Five Hundred Dollars)(with the exception of the County Clerk whose limit is $1,500).

Refunds over the amounts must be authorized by the Board of Supervisors Minute Order, File No. 9763 require specific approval by the Board of Supervisors.

The forms to request for refunds under $500.00 (Five Hundred Dollars) are available at this office or any County Offices.

If the amount is exceeded, a Board letter and Minute Order must accompany the claim. Applicant shall fill out the request form and the County Fiscal department will process the request.

Enforcement

Penalty. Any person who does any work for which a permit is required by this chapter and who fails to obtain a permit shall be guilty of a misdemeanor punishable by fine not exceeding Five Hundred Dollars ($500.00) or by imprisonment not exceeding six months, or by both such fine and imprisonment, and such person shall be deemed guilty of a separate offense for each and every day or portion thereof during which any such violation is committed, continued, or permitted, and shall be subject to the same punishment as for the original offense. (Prior gen. code §3-160.6)

Enforcement actions will be determined by this office on a case-by-case basis

Drilling without a permit shall be the cost of the permit(s) and a fine of $500.00 (Five Hundred Dollars).

Well Completion Reports (State DWR-188 forms) must be filed with the Well Standards Program within 60 days of completing work. Staff will review the report, assign a state well number, and then forward it to the California Department of Water Resources (DWR). Drillers should not send completed reports to DWR directly. Failure to file a Well Completion Report or deliberate falsification of the information is a misdemeanor; it is also grounds for disciplinary action by the Contractors' State License Board. Also note that filed Well Completion Reports are considered private record protected by state law and can only be released to the well owner or those specifically authorized by government agencies. Links to pertinent forms are provided below.

Well Completion Report Form*
Well Owner's Request Form for Previously Filed Forms *(41Kb)**
Government Authorization Form for the Release of Forms *(46 Kb)**
Site Hazard Information Form *(51 Kb)**

* Adobe PDF Reader is Required.

ATTACHMENT C

Blaine Groundwater Monitoring Report and Field Notes

BLAINE
TECH SERVICES INC

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

February 10, 2006

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

First Quarter 2005 Groundwater Monitoring at
Shell–branded Service Station
3600 Park Boulevard
Oakland, CA

Monitoring performed on January 12, 19, and 24, 2006

Groundwater Monitoring Report **060124-SS-1**

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

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

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

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

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Coordinator

MN/ks

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

cc: Anni Kreml
Cambria Environmental Technology, Inc.
5900 Hollis St., Suite A
Emeryville, CA 94608

WELL CONCENTRATIONS
Shell Service Station
3600 Park Boulevard
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-2	01/12/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.92	11.62	145.30
MW-2	01/19/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.92	8.72	148.20
MW-2	01/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	156.92	11.23	145.69
MW-4	01/12/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.00	9.43	145.57
MW-4	01/19/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.00	9.45	145.55
MW-4	01/24/2006	1,330	<0.500	<0.500	<0.500	<0.500	762	<0.500	<0.500	1.72	<10.0	1.35	<0.500	155.00	9.92	145.08
MW-7	01/12/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	154.00	5.97	148.03
MW-7	01/19/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	154.00	6.40	147.60
MW-7	01/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	3.08	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	154.00	9.64	144.36
MW-8	01/12/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	152.61	16.84	135.77
MW-8	01/19/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	152.61	16.00	136.61
MW-8	01/24/2006	1,120	<0.500	<0.500	<0.500	<0.500	592	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	152.61	17.08	135.53

WELL CONCENTRATIONS
Shell Service Station
3600 Park Boulevard
Oakland, CA

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

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8260B.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B.
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B
ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B
TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B
TBA = Tertiary butyl alcohol or tertiary butanol, analyzed by EPA Method 8260B
1,2-DCA = 1,2-Dichloroethane, analyzed by EPA Method 8260B
EDB = Ethylene Dibromide, analyzed by EPA Method 8260B
TOC = Top of Casing Elevation
GW = Groundwater
ug/L = Parts per billion
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
NA = Not applicable

Notes:
Site surveyed on February 2, 2006 by Virgil Chavez Land Surveying of Vallejo, CA.

WELL GAUGING DATA

Project # 060124-SS1 Date 01/24/06 Client 97610341

Site 3600 Park Blvd. Oakland

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or ~~TOC~~	
MW-2	4					11.23	29.50		
MW-4	4					9.92	29.60		
MW-7	4					9.64	37.90		
MW-8	4					17.08	49.45		

SHELL WELL MONITORING DATA SHEET

BTS #: 060124-SS1	Site: 9761034
Sampler: SS, JD	Date: 01/24/06
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 29.50	Depth to Water (DTW): 11.23
Depth to Free Product: ~~29.50~~ (W)	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.88	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, ~~Electric Submersible~~, Waterra Peristaltic, Extraction Pump, Other_____

Sampling Method: (Bailer), Disposable Bailer, Extraction Port, Dedicated Tubing, Other:_____

1 Case Volume	Specified Volumes	Calculated Volume
11.9 (Gals.) X	3	= 35.7 Gals.

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0914	63.8	7.0	2046	62	11.9	gas odor, clear
0916	65.7	6.9	1887	30	23.8	" "
0919	64.7	6.9	2064	161	35.7	" "

Did well dewater? Yes (No) Gallons actually evacuated: 35.7

Sampling Date: 01/24/06 Sampling Time: 1125 Depth to Water: 26.47

Sample I.D.: MW-2 Laboratory: STL Other TA

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxy's, 1,2 DCA, EDB

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

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

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

SHELL WELL MONITORING DATA SHEET

BTS #: 062401-SS1	Site: 97610341
Sampler: SS, (JD)	Date: 01/24/06
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 29.60	Depth to Water (DTW): 9.92
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.86	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, ~~Electric Submersible~~, Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: (Bailer), Disposable Bailer, Extraction Port, Dedicated Tubing, Other:_____

12.8 (Gals.) X 3 = 38.4 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0936	66	6.8	790	41	12.8	Clear
0939	69.1	6.9	815	25	25.6	"
0941	Dewatered @	36 gallons	DTW = 27.81			
1143	63.5	7.1	973	27	25.6	clear

Did well dewater? (Yes) No Gallons actually evacuated: 36

Sampling Date: 01/24/06 Sampling Time: 1145 Depth to Water: 26.07

Sample I.D.: MW-4 Laboratory: STL Other TA

Analyzed for: ~~TPH-G~~ (BTEX) MTBE TPH-D Other: Oxys, 1,2 DCA, EDB

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

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060124-SS1	Site: shell
Sampler: Goodall	Date: 1/24/06
Well I.D.: MW-7	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 37.90	Depth to Water (DTW): 9.64
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.29	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: (Bailer), Disposable Bailer, Extraction Port, Dedicated Tubing, Other:_____

18.5 (Gals.) X 3 = 55.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
934	68.5	8.6	1289	27	18.5	clear
938	68.3	7.3	1176	68	37.0	"
939	well	dewatered @	42 gal.			DTW = 36.15
1140	65.5	7.2	1180	48	—	clear

Did well dewater? Yes No Gallons actually evacuated: 42

Sampling Date: 1/24/06 Sampling Time: 1140 Depth to Water: 33.62 (2 hrs)

Sample I.D.: MW-7 Laboratory: STL Other TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: SEE SCOPE

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

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060124-551	Site: Shell
Sampler: SOOCH	Date: 1/24/06
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 49.45	Depth to Water (DTW): 17.08
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 23.55	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, (Electric Submersible), Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: (Bailer), Disposable Bailer, Extraction Port, Dedicated Tubing, Other: _____

21 (Gals.) X 3 = 63 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
914	67.5	6.6	1075	21	21	clear
918	69.7	6.7	1072	33	42	"
920	well dewatered @ 52 gal.					DTW = 47.58
1125	66.0	7.3	1285	54	—	clear

Did well dewater? (Yes) No Gallons actually evacuated: 52

Sampling Date: 1/24/06 Sampling Time: 1125 Depth to Water: 46.05 (2 hrs)

Sample I.D.: MW-8 Laboratory: STL Other TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: see sched

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

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

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

WELL GAUGING DATA

Project # 060119-DA1 Date 01/19/06 Client Shell

Site 3600 Park Blvd. Oakland

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOE	
MW-2	4					8.72 b / 27.95 a	29.54 b / 29.55 a		
MW-4	4					9.45 b / 28.05 a	29.40 b / 29.40 a		
MW-7	4					6.40 b / 36.28 a	37.85 b / 37.00 a		
MW-8	4					16.00 b / 47.80 a	49.24 b / 49.44 a		
b = before		2nd development							
a = after		"	"						

WELL DEVELOPMENT DATA SHEET

Project #: 060119-DA1	Client: Shell
Developer: DA, JD	Date Developed: 01/19/06
Well I.D. MW-2	Well Diameter: (circle one) 2 3 (4) 6
Total Well Depth: Before 29.54 After 29.55	Depth to Water: Before 8.72 After 27.95
Reason not developed:	If Free Product, thickness:
Additional Notations: Surged well for 10 minutes prior to purging	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

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

13.5	X	10	=	135
1 Case Volume		Specified Volumes		gallons

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

Type of Installed Pump _____
Other equipment used _____

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
0833	63.1	8.0	2057	214	13.5	tan, cloudy, no silt, hard bottom (AD Pump)
0836	59.8	6.6	2290	382	27.0	" " " " (E.S Pump)
0845	well	dewatered @ 27g.		DTW=	27.62	
1124	DTW = 26.55		surged	5 min		
1134	well	dewatered @ 29g.		DTW=	27.95	
					recharge =	1.07 ~~.33~~
					time =	1:50

Did Well Dewater? Y | If yes, note above. | Gallons Actually Evacuated: 29

WELL DEVELOPMENT DATA SHEET

Project #: 060119-DA1	Client: Shell
Developer: DA, JJ	Date Developed: 01/19/06
Well I.D. ~~MW-2~~ MW-4	Well Diameter: (circle one) 2 3 (4) 6
Total Well Depth: Before ~~29.54~~ 29.40 After 29.40	Depth to Water: Before ~~8.32~~ 9.45 After 28.05
Reason not developed:	If Free Product, thickness:
Additional Notations: surged ~~10~~ 15 min. pre-purge	

Volume Conversion Factor (VCF):	Well dia.		VCF
$\{12 \times (d^2/4) \times \pi\} / 231$	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

13.0	X	10	=	130
1 Case Volume		Specified Volumes		gallons

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

Type of Installed Pump _____
Other equipment used _____

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
0930	65.9	6.17	812	18	13.0	clear, hard bottom (PAD PUMP)
0944	65.8	7.0	947	49	26.0	" " (ES PUMP)
0944	Well dewatered @ 26g. DTW= 27.82					
1141	DTW=	26.40	Surged	5 min'		
1145	well	dewatered	@ 29g.	DTW=	28.05	
11						
					recharge	= 1.42'
					time	= 1:57
Did Well Dewater? Y	If yes, note above.			Gallons Actually Evacuated:		29

WELL DEVELOPMENT DATA SHEET

Project #: 060119-DA1	Client: Shell
Developer: DA, JD	Date Developed: 01/19/06
Well I.D. MW-7	Well Diameter: (circle one) 2 3 (4) 6
Total Well Depth: Before 37.85 After 38.00	Depth to Water: Before 6.40 After 36.28
Reason not developed:	If Free Product, thickness:
Additional Notations: Surged well for 15 minutes prior to purge	

Volume Conversion Factor (VCF):	Well dia.		VCF
(12 x (d^2/4) x π) /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

1 Case Volume		Specified Volumes		gallons
20.4	X	10	=	204

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

Type of Installed Pump _____
Other equipment used _____

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:	
1020	64.1	10.0	16.36	10	20.4	white, cloudy, no silt had bottom	PAD Switch to ES
1026	well	dewatered	@ 36 gallons,	DTW 36.23			
1214	DSW =	33.79	Surged	5 min			
1221	63.7	7.83	1449	130	41	cloudy	ES
1221	well	dewatered	@ 41 g.	DTW = 36.28			
					recharge = 2.44'		
					time = 1:48		

Did Well Dewater? Y	If yes, note above.	Gallons Actually Evacuated: 41

WELL DEVELOPMENT DATA SHEET

Project #: 060119-DA1	Client: Shell
Developer: DA, JD	Date Developed: 01/19/06
Well I.D. MW-8	Well Diameter: (circle one) 2 3 (4) 6
Total Well Depth: Before 49.24 After 49.44	Depth to Water: Before 16.00 After 47.90
Reason not developed:	If Free Product, thickness:
Additional Notations: Surged well for 15 minutes prior to purging	

Volume Conversion Factor (VCF):
{12 x (d²/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

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

21.6 (1 Case Volume) x 10 (Specified Volumes) = 216 gallons

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

Type of Installed Pump ______
Other equipment used ______

PAD switched to ES

TIME	TEMP (F)	pH	Cond. (mS or (µS))	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1108	64.6	7.2	1162	12	21.6	clear, hard bottom
1115	Well dewatered after purging 32 gallons, DTW = ~~27~~ 47.83					
1154	DTW = 46.89		surged 5 min			
1202	well dewatered @ 34 g. DTW = 47.80					
					recharge	= 0.94
					time	= 39 min
1312	DTW = 47.20					
Did Well Dewater? Y		If yes, note above.		Gallons Actually Evacuated:		34

WELL GAUGING DATA

Project # 060112-DA1 Date 1/12/06 Client Shell

Site 3600 Park Blvd. Oakland, CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-2	4					11.62 b / 28.75 a	29.35 b / 29.35 a	TOC	
MW-4	4					9.43 b / 28.90 a	29.45 b / 29.46 a		
MW-7	4					5.97 b / 35.90 a	37.77 b / 37.77 a		
MW-8	4					16.84 b / 49.03 a	49.52 b / 49.55 a		

WELL DEVELOPMENT DATA SHEET

Project #: 060112 - DA1	Client: Shell
Developer: DA	Date Developed: 1/12/06
Well I.D. MW-2	Well Diameter: (circle one) 2 3 (4) 6
Total Well Depth: Before 29.35 After 29.35	Depth to Water: Before 11.62 After 28.75
Reason not developed:	If Free Product, thickness:
Additional Notations: surged 10 min. pre-purge	

Volume Conversion Factor (VCF): {12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

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

11.5	X	10	=	115.0
1 Case Volume		Specified Volumes		gallons

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

Type of Installed Pump _____
Other equipment used _____

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
0910	54.4	7.31	2026	108	11.5	agitated bottom, hard bottom tan, cloudy, no silt
0912	59.8	7.06	2638	250	23	"
0914	62.7	7.01	2923	182	34.5	clearing, no silt
0916	well dewatered		@ 34.5 g			
1121	DTW:	26.82	surged 5 min			
1158	well dewatered		@ 38.5 g.	DTW = 28.75		

PAD Pump 1 ES

Did Well Dewater? Yes | If yes, note above. | Gallons Actually Evacuated: 34.5

WELL DEVELOPMENT DATA SHEET

Project #: 060112-DA1	Client: Shell
Developer: DA	Date Developed: 1/12/06
Well I.D. MW-4	Well Diameter: (circle one) 2 3 (4) 6
Total Well Depth: Before 29.45 After 29.46	Depth to Water: Before 9.43 After 28.90
Reason not developed:	If Free Product, thickness:
Additional Notations: surged 10 min. pre-purge	

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

13.0	X	10	=	130.0
1 Case Volume		Specified Volumes		gallons

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

Type of Installed Pump _____
Other equipment used _____

TIME	TEMP (F)	pH	Cond. (mS or (µS))	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
0943	64.2	7.2	1532	216	13	agitated bottom, hard bottom, cloudy, no silt PAD Pump
0945	65.5	7.1	1510	157	26	clearing ES
0948	65.7	7.1	1898	122	39	"
0948	well	dewatered @	39 g.			
~~1140~~ 1225	DTW=	26.62	surged 5 min			
1234	well	dewatered @ 44 g.		DTW=	28.90	

Did Well Dewater? yes | If yes, note above. | Gallons Actually Evacuated: 39

WELL DEVELOPMENT DATA SHEET

Project #: 060112-DA1	Client: Shell
Developer: DA	Date Developed: 1/12/06
Well I.D. MW-7	Well Diameter: (circle one) 2 3 (4) 6
Total Well Depth: Before 37.77 After 37.77	Depth to Water: Before 5.97 After 35.90
Reason not developed:	If Free Product, thickness:
Additional Notations: surged 10 min. pre-purge	

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

20.7	X	10		207.0
1 Case Volume		Specified Volumes	=	gallons

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

Type of Installed Pump _____
Other equipment used _____

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1023	63.3	10.6	2647	66	21	agitated bottom, hard bottom, tan, cloudy, no sit
1027	63.6	9.4	2228	184	42	clearing, no silt
1027	well	dewatered	@ 42g			"
1						

BAD pump ES

Did Well Dewater? Yes	If yes, note above.	Gallons Actually Evacuated:	42

WELL DEVELOPMENT DATA SHEET

Project #: 060112-041	Client: Shell
Developer: DA	Date Developed: 1/12/06
Well I.D. MW-8	Well Diameter: (circle one) 2 3 (4) 6
Total Well Depth: Before 49.52 After 49.55	Depth to Water: Before 16.84 After 49.03
Reason not developed:	If Free Product, thickness:
Additional Notations: Surged 10 min. pre-purge	

Volume Conversion Factor (VCF): $\{12 \times (d^2/4) \times \pi\} / 231$

where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

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

21.2	X	10	=	212.0
1 Case Volume		Specified Volumes		gallons

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

Type of Installed Pump _____
Other equipment used _____

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1101	70.1	7.65	2026	61	21.5	agitated bottom, hard bottom, cloudy, no silt
1105	69.0	7.4	1951	508	43	cloudy, no silt
1109	68.3	7.8	1875	456	64	"
1113	68.4	7.5	1918	416	86	
1113	well dewatered @ 86 g					
1300	DTW= 46.60		surged 5 min			
1309	well dewatered @ 91 g. DTW= 49.03					

BAD Pump ES

Did Well Dewater? Y	If yes, note above.	Gallons Actually Evacuated:	91

WELLHEAD INSPECTION CHECKLIST

Date 01/24/06 Client 9761034 1

Site Address 3600 Peck Blvd. Oakland

Job Number 060124-SS1 Technician SS, JD

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-2	X							
MW-4	X							
MW-7	X							
MW-8	X							

NOTES:

WELLHEAD INSPECTION CHECKLIST

Date 01/19/06 Client Shell

Site Address 3600 Park Blvd, Oakland

Job Number 060119-DA1 Technician DA, JD

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-2	X					① X		
MW-4	X					① X		
MW-7	X					① X		
MW-8	X					① X		

NOTES: ① MSA 2357 locks on all wells were replaced w/ 2357 locks

WELLHEAD INSPECTION CHECKLIST

Date 1/12/06 Client Shell

Site Address 3600 Park Blvd. Oakland, CA

Job Number 060112-DA1 Technician DA

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-2	X							
MW-4	X							
MW-7		X						
MW-8	X							

NOTES:

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

February 06, 2006

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

Work Order: NPA2713
Project Name: 3600 Park Blvd., Oakland, CA
Project Nbr: 97610341
Date Received: 01/26/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-2	NPA2713-01	01/24/06 11:25
MW-4	NPA2713-02	01/24/06 11:45
MW-7	NPA2713-03	01/24/06 11:40
MW-8	NPA2713-04	01/24/06 11:25

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.

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

California Certification Number: 01168CA

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

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

Report Approved By:

Gail A Lage
Senior Project Manager

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:	NPA2713
	5900 Hollis Street, Suite A	Project Name:	3600 Park Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	97610341
Attn	Anni Kreml	Received:	01/26/06 07:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPA2713-01 (MW-2 - Water) Sampled: 01/24/06 11:25								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	02/02/06 19:45	SW846 8260B	6015009
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	02/02/06 19:45	SW846 8260B	6015009
Benzene	ND		ug/L	0.500	1	02/02/06 19:45	SW846 8260B	6015009
1,2-Dichloroethane	ND		ug/L	0.500	1	02/02/06 19:45	SW846 8260B	6015009
Ethylbenzene	ND		ug/L	0.500	1	02/02/06 19:45	SW846 8260B	6015009
Toluene	ND		ug/L	0.500	1	02/02/06 19:45	SW846 8260B	6015009
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	02/02/06 19:45	SW846 8260B	6015009
Diisopropyl Ether	ND		ug/L	0.500	1	02/02/06 19:45	SW846 8260B	6015009
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	02/04/06 02:30	SW846 8260B	6020779
Xylenes, total	ND		ug/L	0.500	1	02/02/06 19:45	SW846 8260B	6015009
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	02/02/06 19:45	SW846 8260B	6015009
Surr: 1,2-Dichloroethane-d4 (70-130%)	*122 %*					*02/02/06 19:45*	*SW846 8260B*	*6015009*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*119 %*					*02/04/06 02:30*	*SW846 8260B*	*6020779*
Surr: Dibromofluoromethane (79-122%)	*113 %*					*02/02/06 19:45*	*SW846 8260B*	*6015009*
Surr: Dibromofluoromethane (79-122%)	*110 %*					*02/04/06 02:30*	*SW846 8260B*	*6020779*
Surr: Toluene-d8 (78-121%)	*109 %*					*02/02/06 19:45*	*SW846 8260B*	*6015009*
Surr: Toluene-d8 (78-121%)	*110 %*					*02/04/06 02:30*	*SW846 8260B*	*6020779*
Surr: 4-Bromofluorobenzene (78-126%)	*116 %*					*02/02/06 19:45*	*SW846 8260B*	*6015009*
Surr: 4-Bromofluorobenzene (78-126%)	*120 %*					*02/04/06 02:30*	*SW846 8260B*	*6020779*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	02/02/06 19:45	SW846 8260B	6015009
Surr: 1,2-Dichloroethane-d4 (0-200%)	*122 %*					*02/02/06 19:45*	*SW846 8260B*	*6015009*
Surr: Dibromofluoromethane (0-200%)	*113 %*					*02/02/06 19:45*	*SW846 8260B*	*6015009*
Surr: Toluene-d8 (0-200%)	*109 %*					*02/02/06 19:45*	*SW846 8260B*	*6015009*
Surr: 4-Bromofluorobenzene (0-200%)	*116 %*					*02/02/06 19:45*	*SW846 8260B*	*6015009*
Sample ID: NPA2713-02 (MW-4 - Water) Sampled: 01/24/06 11:45								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	1.72		ug/L	0.500	1	02/02/06 20:07	SW846 8260B	6015009
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	02/02/06 20:07	SW846 8260B	6015009
Benzene	ND		ug/L	0.500	1	02/02/06 20:07	SW846 8260B	6015009
1,2-Dichloroethane	1.35		ug/L	0.500	1	02/02/06 20:07	SW846 8260B	6015009
Ethylbenzene	ND		ug/L	0.500	1	02/02/06 20:07	SW846 8260B	6015009
Toluene	ND		ug/L	0.500	1	02/02/06 20:07	SW846 8260B	6015009
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	02/02/06 20:07	SW846 8260B	6015009
Diisopropyl Ether	ND		ug/L	0.500	1	02/02/06 20:07	SW846 8260B	6015009
Methyl tert-Butyl Ether	762		ug/L	5.00	10	02/04/06 05:50	SW846 8260B	6020779
Xylenes, total	ND		ug/L	0.500	1	02/02/06 20:07	SW846 8260B	6015009
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	02/02/06 20:07	SW846 8260B	6015009
Surr: 1,2-Dichloroethane-d4 (70-130%)	*121 %*					*02/02/06 20:07*	*SW846 8260B*	*6015009*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*115 %*					*02/04/06 05:50*	*SW846 8260B*	*6020779*
Surr: Dibromofluoromethane (79-122%)	*109 %*					*02/02/06 20:07*	*SW846 8260B*	*6015009*
Surr: Dibromofluoromethane (79-122%)	*106 %*					*02/04/06 05:50*	*SW846 8260B*	*6020779*
Surr: Toluene-d8 (78-121%)	*107 %*					*02/02/06 20:07*	*SW846 8260B*	*6015009*
Surr: Toluene-d8 (78-121%)	*109 %*					*02/04/06 05:50*	*SW846 8260B*	*6020779*

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:	NPA2713
	5900 Hollis Street, Suite A	Project Name:	3600 Park Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	97610341
Attn	Anni Kreml	Received:	01/26/06 07:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPA2713-02 (MW-4 - Water) - cont. Sampled: 01/24/06 11:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 4-Bromofluorobenzene (78-126%)	*120 %*					*02/02/06 20:07*	*SW846 8260B*	*6015009*
Surr: 4-Bromofluorobenzene (78-126%)	*116 %*					*02/04/06 05:50*	*SW846 8260B*	*6020779*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**1330**		ug/L	50.0	1	02/02/06 20:07	SW846 8260B	6015009
Surr: 1,2-Dichloroethane-d4 (0-200%)	*121 %*					*02/02/06 20:07*	*SW846 8260B*	*6015009*
Surr: Dibromofluoromethane (0-200%)	*109 %*					*02/02/06 20:07*	*SW846 8260B*	*6015009*
Surr: Toluene-d8 (0-200%)	*107 %*					*02/02/06 20:07*	*SW846 8260B*	*6015009*
Surr: 4-Bromofluorobenzene (0-200%)	*120 %*					*02/02/06 20:07*	*SW846 8260B*	*6015009*
Sample ID: NPA2713-03 (MW-7 - Water) Sampled: 01/24/06 11:40								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	02/02/06 20:30	SW846 8260B	6015009
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	02/02/06 20:30	SW846 8260B	6015009
Benzene	ND		ug/L	0.500	1	02/02/06 20:30	SW846 8260B	6015009
1,2-Dichloroethane	ND		ug/L	0.500	1	02/02/06 20:30	SW846 8260B	6015009
Ethylbenzene	ND		ug/L	0.500	1	02/02/06 20:30	SW846 8260B	6015009
Toluene	ND		ug/L	0.500	1	02/02/06 20:30	SW846 8260B	6015009
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	02/02/06 20:30	SW846 8260B	6015009
Diisopropyl Ether	ND		ug/L	0.500	1	02/02/06 20:30	SW846 8260B	6015009
Methyl tert-Butyl Ether	**3.08**		ug/L	0.500	1	02/04/06 02:52	SW846 8260B	6020779
Xylenes, total	ND		ug/L	0.500	1	02/02/06 20:30	SW846 8260B	6015009
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	02/02/06 20:30	SW846 8260B	6015009
Surr: 1,2-Dichloroethane-d4 (70-130%)	*123 %*					*02/02/06 20:30*	*SW846 8260B*	*6015009*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*119 %*					*02/04/06 02:52*	*SW846 8260B*	*6020779*
Surr: Dibromofluoromethane (79-122%)	*110 %*					*02/02/06 20:30*	*SW846 8260B*	*6015009*
Surr: Dibromofluoromethane (79-122%)	*109 %*					*02/04/06 02:52*	*SW846 8260B*	*6020779*
Surr: Toluene-d8 (78-121%)	*108 %*					*02/02/06 20:30*	*SW846 8260B*	*6015009*
Surr: Toluene-d8 (78-121%)	*107 %*					*02/04/06 02:52*	*SW846 8260B*	*6020779*
Surr: 4-Bromofluorobenzene (78-126%)	*118 %*					*02/02/06 20:30*	*SW846 8260B*	*6015009*
Surr: 4-Bromofluorobenzene (78-126%)	*116 %*					*02/04/06 02:52*	*SW846 8260B*	*6020779*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	02/02/06 20:30	SW846 8260B	6015009
Surr: 1,2-Dichloroethane-d4 (0-200%)	*123 %*					*02/02/06 20:30*	*SW846 8260B*	*6015009*
Surr: Dibromofluoromethane (0-200%)	*110 %*					*02/02/06 20:30*	*SW846 8260B*	*6015009*
Surr: Toluene-d8 (0-200%)	*108 %*					*02/02/06 20:30*	*SW846 8260B*	*6015009*
Surr: 4-Bromofluorobenzene (0-200%)	*118 %*					*02/02/06 20:30*	*SW846 8260B*	*6015009*
Sample ID: NPA2713-04 (MW-8 - Water) Sampled: 01/24/06 11:25								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	02/02/06 20:52	SW846 8260B	6015009
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	02/02/06 20:52	SW846 8260B	6015009
Benzene	ND		ug/L	0.500	1	02/02/06 20:52	SW846 8260B	6015009
1,2-Dichloroethane	ND		ug/L	0.500	1	02/02/06 20:52	SW846 8260B	6015009
Ethylbenzene	ND		ug/L	0.500	1	02/02/06 20:52	SW846 8260B	6015009

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:	NPA2713
	5900 Hollis Street, Suite A	Project Name:	3600 Park Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	97610341
Attn	Anni Kreml	Received:	01/26/06 07:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPA2713-04 (MW-8 - Water) - cont. Sampled: 01/24/06 11:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Toluene	ND		ug/L	0.500	1	02/02/06 20:52	SW846 8260B	6015009
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	02/02/06 20:52	SW846 8260B	6015009
Diisopropyl Ether	ND		ug/L	0.500	1	02/02/06 20:52	SW846 8260B	6015009
Methyl tert-Butyl Ether	592		ug/L	5.00	10	02/04/06 06:12	SW846 8260B	6020779
Xylenes, total	ND		ug/L	0.500	1	02/02/06 20:52	SW846 8260B	6015009
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	02/02/06 20:52	SW846 8260B	6015009
Surr: 1,2-Dichloroethane-d4 (70-130%)	*123 %*					*02/02/06 20:52*	*SW846 8260B*	*6015009*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*118 %*					*02/04/06 06:12*	*SW846 8260B*	*6020779*
Surr: Dibromofluoromethane (79-122%)	*108 %*					*02/02/06 20:52*	*SW846 8260B*	*6015009*
Surr: Dibromofluoromethane (79-122%)	*110 %*					*02/04/06 06:12*	*SW846 8260B*	*6020779*
Surr: Toluene-d8 (78-121%)	*110 %*					*02/02/06 20:52*	*SW846 8260B*	*6015009*
Surr: Toluene-d8 (78-121%)	*108 %*					*02/04/06 06:12*	*SW846 8260B*	*6020779*
Surr: 4-Bromofluorobenzene (78-126%)	*122 %*					*02/02/06 20:52*	*SW846 8260B*	*6015009*
Surr: 4-Bromofluorobenzene (78-126%)	*118 %*					*02/04/06 06:12*	*SW846 8260B*	*6020779*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	1120		ug/L	50.0	1	02/02/06 20:52	SW846 8260B	6015009
Surr: 1,2-Dichloroethane-d4 (0-200%)	*123 %*					*02/02/06 20:52*	*SW846 8260B*	*6015009*
Surr: Dibromofluoromethane (0-200%)	*108 %*					*02/02/06 20:52*	*SW846 8260B*	*6015009*
Surr: Toluene-d8 (0-200%)	*110 %*					*02/02/06 20:52*	*SW846 8260B*	*6015009*
Surr: 4-Bromofluorobenzene (0-200%)	*122 %*					*02/02/06 20:52*	*SW846 8260B*	*6015009*

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:	NPA2713
	5900 Hollis Street, Suite A	Project Name:	3600 Park Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	97610341
Attn	Anni Kreml	Received:	01/26/06 07:45

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6015009-BLK1						
Tert-Amyl Methyl Ether	<0.200		ug/L	6015009	6015009-BLK1	02/02/06 13:02
1,2-Dibromoethane (EDB)	<0.250		ug/L	6015009	6015009-BLK1	02/02/06 13:02
Benzene	<0.200		ug/L	6015009	6015009-BLK1	02/02/06 13:02
1,2-Dichloroethane	<0.390		ug/L	6015009	6015009-BLK1	02/02/06 13:02
Ethylbenzene	<0.200		ug/L	6015009	6015009-BLK1	02/02/06 13:02
Toluene	<0.200		ug/L	6015009	6015009-BLK1	02/02/06 13:02
Ethyl tert-Butyl Ether	<0.200		ug/L	6015009	6015009-BLK1	02/02/06 13:02
Diisopropyl Ether	<0.200		ug/L	6015009	6015009-BLK1	02/02/06 13:02
Methyl tert-Butyl Ether	<0.200		ug/L	6015009	6015009-BLK1	02/02/06 13:02
Xylenes, total	<0.350		ug/L	6015009	6015009-BLK1	02/02/06 13:02
Tertiary Butyl Alcohol	<5.06		ug/L	6015009	6015009-BLK1	02/02/06 13:02
Surrogate: 1,2-Dichloroethane-d4	125%			6015009	6015009-BLK1	02/02/06 13:02
Surrogate: Dibromofluoromethane	107%			6015009	6015009-BLK1	02/02/06 13:02
Surrogate: Toluene-d8	111%			6015009	6015009-BLK1	02/02/06 13:02
Surrogate: 4-Bromofluorobenzene	120%			6015009	6015009-BLK1	02/02/06 13:02
6020779-BLK1						
Tert-Amyl Methyl Ether	<0.200		ug/L	6020779	6020779-BLK1	02/04/06 01:01
1,2-Dibromoethane (EDB)	<0.250		ug/L	6020779	6020779-BLK1	02/04/06 01:01
1,2-Dichloroethane	<0.390		ug/L	6020779	6020779-BLK1	02/04/06 01:01
Ethyl tert-Butyl Ether	<0.200		ug/L	6020779	6020779-BLK1	02/04/06 01:01
Diisopropyl Ether	<0.200		ug/L	6020779	6020779-BLK1	02/04/06 01:01
Methyl tert-Butyl Ether	<0.200		ug/L	6020779	6020779-BLK1	02/04/06 01:01
Tertiary Butyl Alcohol	<5.06		ug/L	6020779	6020779-BLK1	02/04/06 01:01
Surrogate: 1,2-Dichloroethane-d4	120%			6020779	6020779-BLK1	02/04/06 01:01
Surrogate: Dibromofluoromethane	108%			6020779	6020779-BLK1	02/04/06 01:01
Surrogate: Toluene-d8	108%			6020779	6020779-BLK1	02/04/06 01:01
Surrogate: 4-Bromofluorobenzene	118%			6020779	6020779-BLK1	02/04/06 01:01
Purgeable Petroleum Hydrocarbons						
6015009-BLK1						
Gasoline Range Organics	<50.0		ug/L	6015009	6015009-BLK1	02/02/06 13:02
Surrogate: 1,2-Dichloroethane-d4	125%			6015009	6015009-BLK1	02/02/06 13:02
Surrogate: Dibromofluoromethane	107%			6015009	6015009-BLK1	02/02/06 13:02
Surrogate: Toluene-d8	111%			6015009	6015009-BLK1	02/02/06 13:02
Surrogate: 4-Bromofluorobenzene	120%			6015009	6015009-BLK1	02/02/06 13:02

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:	NPA2713
	5900 Hollis Street, Suite A	Project Name:	3600 Park Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	97610341
Attn	Anni Kreml	Received:	01/26/06 07:45

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6015009-BS1								
Tert-Amyl Methyl Ether	50.0	53.1		ug/L	106%	56 - 145	6015009	02/03/06 00:12
1,2-Dibromoethane (EDB)	50.0	50.5		ug/L	101%	75 - 128	6015009	02/03/06 00:12
Benzene	50.0	52.3		ug/L	105%	79 - 123	6015009	02/03/06 00:12
1,2-Dichloroethane	50.0	57.9		ug/L	116%	74 - 131	6015009	02/03/06 00:12
Ethylbenzene	50.0	52.2		ug/L	104%	79 - 125	6015009	02/03/06 00:12
Toluene	50.0	52.8		ug/L	106%	78 - 122	6015009	02/03/06 00:12
Ethyl tert-Butyl Ether	50.0	54.3		ug/L	109%	64 - 141	6015009	02/03/06 00:12
Diisopropyl Ether	50.0	53.1		ug/L	106%	73 - 135	6015009	02/03/06 00:12
Methyl tert-Butyl Ether	50.0	48.3		ug/L	97%	66 - 142	6015009	02/03/06 00:12
Xylenes, total	150	162		ug/L	108%	79 - 130	6015009	02/03/06 00:12
Tertiary Butyl Alcohol	500	485		ug/L	97%	42 - 154	6015009	02/03/06 00:12
Surrogate: 1,2-Dichloroethane-d4	50.0	62.0			124%	70 - 130	6015009	02/03/06 00:12
Surrogate: Dibromofluoromethane	50.0	52.9			106%	79 - 122	6015009	02/03/06 00:12
Surrogate: Toluene-d8	50.0	55.6			111%	78 - 121	6015009	02/03/06 00:12
Surrogate: 4-Bromofluorobenzene	50.0	60.3			121%	78 - 126	6015009	02/03/06 00:12
6020779-BS1								
Tert-Amyl Methyl Ether	50.0	51.6		ug/L	103%	56 - 145	6020779	02/03/06 23:54
1,2-Dibromoethane (EDB)	50.0	47.7		ug/L	95%	75 - 128	6020779	02/03/06 23:54
1,2-Dichloroethane	50.0	56.4		ug/L	113%	74 - 131	6020779	02/03/06 23:54
Ethyl tert-Butyl Ether	50.0	51.9		ug/L	104%	64 - 141	6020779	02/03/06 23:54
Diisopropyl Ether	50.0	49.5		ug/L	99%	73 - 135	6020779	02/03/06 23:54
Methyl tert-Butyl Ether	50.0	46.8		ug/L	94%	66 - 142	6020779	02/03/06 23:54
Tertiary Butyl Alcohol	500	479		ug/L	96%	42 - 154	6020779	02/03/06 23:54
Surrogate: 1,2-Dichloroethane-d4	50.0	59.9			120%	70 - 130	6020779	02/03/06 23:54
Surrogate: Dibromofluoromethane	50.0	52.3			105%	79 - 122	6020779	02/03/06 23:54
Surrogate: Toluene-d8	50.0	54.6			109%	78 - 121	6020779	02/03/06 23:54
Surrogate: 4-Bromofluorobenzene	50.0	56.6			113%	78 - 126	6020779	02/03/06 23:54
Purgeable Petroleum Hydrocarbons								
6015009-BS1								
Gasoline Range Organics	3050	3130		ug/L	103%	67 - 130	6015009	02/03/06 00:12
Surrogate: 1,2-Dichloroethane-d4	50.0	62.0			124%	70 - 130	6015009	02/03/06 00:12
Surrogate: Dibromofluoromethane	50.0	52.9			106%	70 - 130	6015009	02/03/06 00:12
Surrogate: Toluene-d8	50.0	55.6			111%	70 - 130	6015009	02/03/06 00:12
Surrogate: 4-Bromofluorobenzene	50.0	60.3			121%	70 - 130	6015009	02/03/06 00:12

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:	NPA2713
	5900 Hollis Street, Suite A	Project Name:	3600 Park Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	97610341
Attn	Anni Kreml	Received:	01/26/06 07:45

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6015009-MS1										
Tert-Amyl Methyl Ether	ND	54.6		ug/L	50.0	109%	45 - 155	6015009	NPA2722-09	02/02/06 22:43
1,2-Dibromoethane (EDB)	ND	50.2		ug/L	50.0	100%	71 - 138	6015009	NPA2722-09	02/02/06 22:43
Benzene	0.710	56.8		ug/L	50.0	112%	71 - 137	6015009	NPA2722-09	02/02/06 22:43
1,2-Dichloroethane	ND	61.6		ug/L	50.0	123%	70 - 140	6015009	NPA2722-09	02/02/06 22:43
Ethylbenzene	2.01	56.5		ug/L	50.0	109%	72 - 139	6015009	NPA2722-09	02/02/06 22:43
Toluene	ND	55.6		ug/L	50.0	111%	73 - 133	6015009	NPA2722-09	02/02/06 22:43
Ethyl tert-Butyl Ether	ND	54.2		ug/L	50.0	108%	57 - 148	6015009	NPA2722-09	02/02/06 22:43
Diisopropyl Ether	ND	55.1		ug/L	50.0	110%	67 - 143	6015009	NPA2722-09	02/02/06 22:43
Methyl tert-Butyl Ether	20.1	67.0		ug/L	50.0	94%	55 - 152	6015009	NPA2722-09	02/02/06 22:43
Xylenes, total	ND	167		ug/L	150	111%	70 - 143	6015009	NPA2722-09	02/02/06 22:43
Tertiary Butyl Alcohol	ND	732		ug/L	500	146%	19 - 183	6015009	NPA2722-09	02/02/06 22:43
Surrogate: 1,2-Dichloroethane-d4		61.6		ug/L	50.0	123%	70 - 130	6015009	NPA2722-09	02/02/06 22:43
Surrogate: Dibromofluoromethane		56.7		ug/L	50.0	113%	79 - 122	6015009	NPA2722-09	02/02/06 22:43
Surrogate: Toluene-d8		54.7		ug/L	50.0	109%	78 - 121	6015009	NPA2722-09	02/02/06 22:43
Surrogate: 4-Bromofluorobenzene		60.2		ug/L	50.0	120%	78 - 126	6015009	NPA2722-09	02/02/06 22:43
Purgeable Petroleum Hydrocarbons										
6015009-MS1										
Gasoline Range Organics	6110	8160		ug/L	3050	67%	60 - 140	6015009	NPA2722-09	02/02/06 22:43
Surrogate: 1,2-Dichloroethane-d4		61.6		ug/L	50.0	123%	0 - 200	6015009	NPA2722-09	02/02/06 22:43
Surrogate: Dibromofluoromethane		56.7		ug/L	50.0	113%	0 - 200	6015009	NPA2722-09	02/02/06 22:43
Surrogate: Toluene-d8		54.7		ug/L	50.0	109%	0 - 200	6015009	NPA2722-09	02/02/06 22:43
Surrogate: 4-Bromofluorobenzene		60.2		ug/L	50.0	120%	0 - 200	6015009	NPA2722-09	02/02/06 22:43

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:	NPA2713
	5900 Hollis Street, Suite A	Project Name:	3600 Park Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	97610341
Attn	Anni Kreml	Received:	01/26/06 07:45

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6015009-MSD1												
Tert-Amyl Methyl Ether	ND	58.0		ug/L	50.0	116%	45 - 155	6	24	6015009	NPA2722-09	02/02/06 23:05
1,2-Dibromoethane (EDB)	ND	54.6		ug/L	50.0	109%	71 - 138	8	27	6015009	NPA2722-09	02/02/06 23:05
Benzene	0.710	62.0		ug/L	50.0	123%	71 - 137	9	23	6015009	NPA2722-09	02/02/06 23:05
1,2-Dichloroethane	ND	65.2		ug/L	50.0	130%	70 - 140	6	21	6015009	NPA2722-09	02/02/06 23:05
Ethylbenzene	2.01	61.5		ug/L	50.0	119%	72 - 139	8	23	6015009	NPA2722-09	02/02/06 23:05
Toluene	ND	59.1		ug/L	50.0	118%	73 - 133	6	25	6015009	NPA2722-09	02/02/06 23:05
Ethyl tert-Butyl Ether	ND	59.5		ug/L	50.0	119%	57 - 148	9	22	6015009	NPA2722-09	02/02/06 23:05
Diisopropyl Ether	ND	60.2		ug/L	50.0	120%	67 - 143	9	22	6015009	NPA2722-09	02/02/06 23:05
Methyl tert-Butyl Ether	20.1	72.2		ug/L	50.0	104%	55 - 152	7	27	6015009	NPA2722-09	02/02/06 23:05
Xylenes, total	ND	181		ug/L	150	121%	70 - 143	8	27	6015009	NPA2722-09	02/02/06 23:05
Tertiary Butyl Alcohol	ND	816		ug/L	500	163%	19 - 183	11	39	6015009	NPA2722-09	02/02/06 23:05
Surrogate: 1,2-Dichloroethane-d4		62.1		ug/L	50.0	124%	70 - 130			6015009	NPA2722-09	02/02/06 23:05
Surrogate: Dibromofluoromethane		56.4		ug/L	50.0	113%	79 - 122			6015009	NPA2722-09	02/02/06 23:05
Surrogate: Toluene-d8		53.8		ug/L	50.0	108%	78 - 121			6015009	NPA2722-09	02/02/06 23:05
Surrogate: 4-Bromofluorobenzene		60.5		ug/L	50.0	121%	78 - 126			6015009	NPA2722-09	02/02/06 23:05
Purgeable Petroleum Hydrocarbons												
6015009-MSD1												
Gasoline Range Organics	6110	10800	M7	ug/L	3050	154%	60 - 140	28	40	6015009	NPA2722-09	02/02/06 23:05
Surrogate: 1,2-Dichloroethane-d4		62.1		ug/L	50.0	124%	0 - 200			6015009	NPA2722-09	02/02/06 23:05
Surrogate: Dibromofluoromethane		56.4		ug/L	50.0	113%	0 - 200			6015009	NPA2722-09	02/02/06 23:05
Surrogate: Toluene-d8		53.8		ug/L	50.0	108%	0 - 200			6015009	NPA2722-09	02/02/06 23:05
Surrogate: 4-Bromofluorobenzene		60.5		ug/L	50.0	121%	0 - 200			6015009	NPA2722-09	02/02/06 23:05

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:	NPA2713
	5900 Hollis Street, Suite A	Project Name:	3600 Park Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	97610341
Attn	Anni Kreml	Received:	01/26/06 07:45

CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville

Method	Matrix	AIHA	Nelac	California
NA	Water			
SW846 8260B	Water	N/A	X	X

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:	NPA2713
	5900 Hollis Street, Suite A	Project Name:	3600 Park Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	97610341
Attn	Anni Kreml	Received:	01/26/06 07:45

NELAC CERTIFICATION SUMMARY

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

Method	Matrix	Analyte
SW846 8260B	Water	Diisopropyl Ether
		Gasoline Range Organics

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPA2713
	5900 Hollis Street, Suite A	Project Name:	3600 Park Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	97610341
Attn	Anni Kreml	Received:	01/26/06 07:45

DATA QUALIFIERS AND DEFINITIONS

M7 The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM

BC# NPA2713

Client Name : Cambria

Cooler Received/Opened On: 1/26/2006 **Accessioned By:** David Zeman

Log-in Personnel Signature

1. Temperature of Cooler when triaged: 2.4 **Degrees Celsius**
2. Were custody seals on outside of cooler?..... (YES)...NO...NA
   a. If yes, how many and where: 1 Front
3. Were custody seals on containers?..... (NO)...YES...NA
4. Were the seals intact, signed, and dated correctly?..... (YES)...NO...NA
5. Were custody papers inside cooler?..... (YES)...NO...NA
6. Were custody papers properly filled out (ink, signed, etc)?..... (YES)...NO...NA
7. Did you sign the custody papers in the appropriate place?..... (YES)...NO...NA
8. What kind of packing material used? (Bubblewrap) Peanuts Vermiculite Foam Insert Ziplock baggies Paper Other None
9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None
10. Did all containers arrive in good condition (unbroken)?..... (YES)...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)?..... (YES)...NO...NA
12. Did all container labels and tags agree with custody papers?..... (YES)...NO...NA
13. Were correct containers used for the analysis requested?..... (YES)...NO...NA
14. a. Were VOA vials received?..... (YES)...NO...NA
    b. Was there any observable head space present in any VOA vial?..... (NO)...YES...NA
15. Was sufficient amount of sample sent in each container?..... (YES)...NO...NA
16. Were correct preservatives used?..... (YES)...NO...NA
    If not, record standard ID of preservative used here_____
17. Was residual chlorine present?..... NO...YES...(NA)
18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

6894, 2664

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

19. If a Non-Conformance exists, see attached or comments below:

BIS = Broken in shipment
Cooler Receipt Form

LF-1
End of Form

Revised 4/5/05

LAB: Test America STL Other TA

SHELL Chain Of Custody Record

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

Shell Project Manager to be Invoiced: Denis Brown

NPA2713

02/02/06 17:00

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

INCIDENT NUMBER (ES ONLY): 97610341

SAP or CRMT NUMBER (TS/CRMT):

DATE: 01/24/06

PAGE: 1 of 1

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS: Street and City	State	GLOBAL ID NO.:
Blaine Tech Services	BTSS	3600 Park Blvd., Oakland	CA	T0600115417

ADDRESS:	EDF DELIVERABLE TO (Name, Company, Office Location):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
1680 Rogers Avenue, San Jose, CA 95112	Anni Kreml, Cambria, Emeryville Office	510-420-3335	Shell.em.edf@cambria-env.com	BTS # 060124-SS1

PROJECT CONTACT (Hardcopy or PDF Report to):	TELEPHONE:	FAX:	E-MAIL:
Michael Ninokata	408-573-0555	408-573-7771	mninokata@blainetech.com

LAB USE ONLY

TURNAROUND TIME (STANDARD IS 10 CALENDAR DAYS): ☐ RESULTS NEEDED ON WEEKEND

☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:_____

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

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

RECEIPT VERIFICATION REQUESTED ☑

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015m)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes	TEMPERATURE ON RECEIPT C°
	MW-2	01/24/06	1125	W	3	X		X	X						X	X			NPA2713-1	
	MW-4	01/24/06	1145	W	3	X		X	X						X	X			-2	
	MW-7	01/24/06	1140	W	3	X		X	X						X	X			-3	
	MW-8	01/24/06	1125	W	3	X		X	X						X	X			-4	

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	SAMPLE CUSTODIAN	1/24/06	1657
SAMPLE CUSTODIAN		1/25/06	9:10
		1/25/06	1005

1/25/06 1500 1/26/06 0745

Q&Q Graphic (714) 898-9702

ATTACHMENT D

Boring Logs and Well Construction Details

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

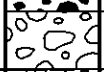
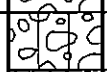
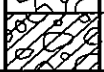
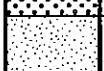
Blow Counts = Number of blows required to drive a California-modified split-spoon sampler using a 140-pound hammer falling freely 30 inches, recorded per 6-inch interval of a total 18-inch sample interval

(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-1
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	03-Jan-06
LOCATION	3600 Park Boulevard, Oakland, California	**DRILLING COMPLETED**	03-Jan-06
PROJECT NUMBER	248-0937-008	**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	3"	**SCREENED INTERVALS**	NA
LOGGED BY	S. Dalie IV	**DEPTH TO WATER (First Encountered)**	25.0 fbg (03-Jan-06) ▽
REVIEWED BY	D. Gibbs P.G. # 7804	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Hand augered 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
							ASPHALT	0.8	
					CL		**CLAY** Grayish brown 2.5Y5/2; moist; 80% clay, 10% silt, 5% fine sand, 5% fine gravel; high plasticity.		
79		SB-1- 5		5	CL		@ 5 fbg, CLAY with Sand; 2.5Y4/1 Dark gray; moist; 65% clay, 15% silt, 15% fine sand, 5% fine gravel; medium plasticity.	5.0	
					ML		**SILT with Sand** 2.5Y4/1 Dark gray; moist; 10% clay, 70% silt, 20% fine sand; no plasticity.	7.0	
					SM		**Silty SAND with Gravel** 5Y5/2 Dark gray; moist; 25% silt, 60% fine sand, 15% fine gravel.	9.0	
15		SB-1- 10		10	ML		**SILT with Sand and Gravel** 5Y5/2 Dark gray; moist; 5% clay, 60% silt, 15% fine sand, 20% fine gravel, low plasticity.	10.0	
							CLAY with Silt 5Y5/6 Olive; moist; 60% clay, 35% silt, 5% fine sand; high plasticity.	13.0	◄ Portland Type I/II
0.5		SB-1- 15		15					
0		SB-1- 20		20	CL				
0		SB-1- 25 SB-1- 25W		25			▽ @ 25 Wet.		
							@ 26.5 CLAY with Gravel; 2.5YR5/1 Black; damp; 75% clay, 10% silt, 15% coarse gravel; medium plasticity.	28.0	Bottom of Boring @ 28 fbg

WELL LOG (PID) G:\OAKLAND 3600 PARK\GINT\GINT.GPJ DEFAULT.GDT 3/21/06

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

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	MW-2
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	04-Jan-06
LOCATION	3600 Park Boulevard, Oakland, California	**DRILLING COMPLETED**	05-Jan-06
PROJECT NUMBER	248-0937-008	**WELL DEVELOPMENT DATE (YIELD)**	19-Jan-06 (29 gallons purged.)
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	157.50 ft above msl
DRILLING METHOD	Hydraulic push / hollow stem auger	**TOP OF CASING ELEVATION**	156.92 ft above msl
BORING DIAMETER	3" / 10"	**SCREENED INTERVALS**	20 to 30 fbg
LOGGED BY	S. Dalie IV	**DEPTH TO WATER (First Encountered)**	24.0 fbg (03-Jan-06) ▽
REVIEWED BY	D. Gibbs P.G. # 7804	**DEPTH TO WATER (Static)**	11.23 fbg (24-Jan-06) ▼

REMARKS Air knifed to 5 fbg. First encountered groundwater at 24 fbg. Water rose to 23 fbg before being sampled via hydropunch.

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
							ASPHALT	0.6
					CL		**CLAY with Sand and Gravel** 5Y4/3 Olive; moist; 70% clay, 10% silt, 10% fine sand, 10% fine gravel; high plasticity.	5.0
0.4		SB-2-5		5	CL		@ 5 fbg, CLAY with Sand and Gravel; 5Y6/6 Olive yellow; moist; 70% clay, 15% fine sand, 15% fine gravel; medium plasticity.	7.0
					ML		**SILT** 2.5Y5/4 Light olive brown; moist; 20% clay, 80% silt.	9.0
0.4		SB-2-10		10	CL		**CLAY with Sand** 2.5Y5/2 Grayish brown; moist; 65% clay, 20% silt, 10% fine sand, 5% fine gravel. ▼	12.0
					ML		**SILT** 5Y6/6 Olive yellow; moist; 25% clay, 65% silt, 10% fine sand.	
0		SB-2-15		15				
0		SB-2-20		20				21.0
					SC		**Clayey SAND** 2.5Y4/3 Olive brown; moist; 20% clay, 80% medium sand.	23.0
		SB-2-23W		25	SP SC		**Poorly Graded SAND with Gravel** 2.5Y4/3 Olive brown; wet; 5% clay, 5% silt, 75% fine sand; 15% fine gravel. ▽	
				30				30.0

WELL DIAGRAM: Portland Type I/II; 4" diam., Schedule 40 PVC; Bentonite Seal; Lonestar Sand #2/12; 4"-diam., 0.010" Slotted Schedule 40 PVC; Bottom of Boring @ 30 fbg

WELL LOG (PID) G:\OAKLAND 3600 PARK\GINT\GINT.GPJ DEFAULT.GDT 3/21/06

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-3
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	03-Jan-06
LOCATION	3600 Park Boulevard, Oakland, California	**DRILLING COMPLETED**	04-Jan-06
PROJECT NUMBER	248-0937-008	**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	3"	**SCREENED INTERVALS**	NA
LOGGED BY	S. Dalie IV	**DEPTH TO WATER (First Encountered)**	8.0 fbg (03-Jan-06) ▽
REVIEWED BY	D. Gibbs P.G. # 7804	**DEPTH TO WATER (Static)**	5.50 fbg (03-Jan-06) ▼
REMARKS	Hand augered to 5 fbg. Water was sampled by disposable bailer @ 5.5 fbg.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.6	
					CL		**CLAY** 2.5Y5/2 Grayish brown; moist; 85% clay, 10% silt, 5% fine sand; high plasticity.		
				5				5.0	
0		SB-3- 5 SB-3- 5W			CL		@ 5 fbg CLAY with Sand 2.5Y6/6 Olive yellow; moist to wet; 85% clay, 15% fine sand; high plasticity. ▼	6.5	Portland Type I/II
					SP		**Poorly Graded SAND with Silt** 2.5Y6/6; moist to wet; 10% silt, 85% fine sand, 5% fine gravel. ▽		
				10				10.0	
0.1		SB-3- 10			CL		**CLAY with Sand** 2.5Y6/6; wet; 70% clay, 15% silt, 15% fine sand; high plasticity.	12.0	Bottom of Boring @ 12 fbg

Note: Initial groundwater was encountered at 8 fbg. After removing the tooling from the ground water rose to 5.5 fbg where a sample was collect in the open hole using a disposable bailer. Soil was moist during soil sampling below 5 fbg to 8 fbg. After removing the tools from the ground the soil became saturated as water charged in up to 5 fbg..

WELL LOG (PID) G:\OAKLAND 3600 PARK\GINT\GINT.GPJ DEFAULT.GDT 3/21/06

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

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	MW-4
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	04-Jan-06
LOCATION	3600 Park Boulevard, Oakland, California	**DRILLING COMPLETED**	05-Jan-06
PROJECT NUMBER	248-0937-008	**WELL DEVELOPMENT DATE (YIELD)**	19-Jan-06 (29 gallons purged.)
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	155.33 ft above msl
DRILLING METHOD	Hydraulic push / hollow stem auger	**TOP OF CASING ELEVATION**	155.00 ft above msl
BORING DIAMETER	3" / 10"	**SCREENED INTERVALS**	20 to 30 fbg
LOGGED BY	S. Dalie IV	**DEPTH TO WATER (First Encountered)**	24.0 fbg (03-Jan-06)
REVIEWED BY	D. Gibbs P.G. # 7804	**DEPTH TO WATER (Static)**	9.92 fbg (24-Jan-06)
REMARKS	Air knifed to 5 fbg.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	DEPTH (fbg)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
					ASPHALT	0.6
				CL	**CLAY with Sand** 2.5Y5/3 Light olive brown; moist; 70% clay, 15% silt, 15% fine sand; high plasticity.	2.3
				SM	**Silty SAND** 2.5Y4/3 Dark brown; moist; 45% silt, 55% fine sand.	
21		SB-4-5	5			6.0
				CL	**CLAY** 2.5Y3/1 Very dark gray; moist; 65% clay, 25% silt, 10% fine sand.	
14.9		SB-4-10	10			11.0
				SM	**Silty SAND** 2.5Y5/2 Grayish brown; moist; 10% clay, 40% silt, 50% fine sand.	12.0
				CL	**CLAY** 2.5Y5/2 Grayish brown; moist; 80% clay, 10% silt, 10% fine sand; high plasticity.	
12.9		SB-4-15	15			18.1
				ML	**SILT** 2.5Y5/2 Grayish brown; moist; 20% clay, 75% silt, 5% fine sand.	20.0
0		SB-4-20	20	CL	**CLAY** 2.5Y5/2 Grayish brown; moist; 65% clay, 25% silt, 10% fine sand; low plasticity.	22.0
				SM	**Silty SAND** 2.5Y3/1 Very dark gray; moist to wet, 5% clay, 40% silt, 55% fine sand.	24.0
		SB-4-24W			**Poorly Graded SAND** 2.5Y3/1 Very dark gray; wet; 5% clay, 5% silt, 80% medium sand, 10% fine gravel.	
0		SB-4-25	25	SP SM		
			30			30.0

WELL DIAGRAM

- Portland Type I/II
- 4" diam., Schedule 40 PVC
- Bentonite Seal
- Lonestar Sand #2/12
- 4"-diam., 0.010" Slotted Schedule 40 PVC
- Bottom of Boring @ 30 fbg

WELL LOG (PID) G:\OAKLAND 3600 PARK\GINT\GINT.GPJ DEFAULT.GDT 3/21/06

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-5
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	03-Jan-06
LOCATION	3600 Park Boulevard, Oakland, California	**DRILLING COMPLETED**	03-Jan-06
PROJECT NUMBER	248-0937-008	**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	3"	**SCREENED INTERVALS**	NA
LOGGED BY	S. Dalie IV	**DEPTH TO WATER (First Encountered)**	8.0 fbg (03-Jan-06) ▽
REVIEWED BY	D. Gibbs P.G. # 7804	**DEPTH TO WATER (Static)**	5.00 fbg (03-Jan-06) ▼

REMARKS Hand augered to 5 fbg. First encountered water at 8 fbg. Water rose to 5 fbg where it was sampled by a disposable bailer.

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	
					CL		**CLAY with Sand** 2.5Y5/1 Gray; moist; 70% clay, 15% silt, 15% fine sand; high plasticity.	4.5	
0.2		SB-5- 5		5	CL		@ 4.5 fbg CLAY with Sand and Gravel 2.5Y6/6 Olive yellow; moist; 70% clay, 15% fine sand, 15% fine gravel; medium plasticity. ▼	7.0	Portland Type I/II
					ML		**SILT with Gravel** 2.5Y6/6 Olive yellow; moist to wet; 25% clay, 60% silt, 15% fine gravel. ▽	10.0	
0		SB-5- 10		10	CL		**CLAY with Sand** 2.5Y6/6 Olive yellow; wet; 70% clay; 15% silt, 15% fine sand; high plasticity.	12.0	Bottom of Boring @ 12 fbg

Note: Initial groundwater was encountered at 8 fbg. After removing the tooling from the ground water rose to 5 fbg where a sample was collect in the open hole using a disposable bailer. Soil was moist during soil sampling below 5 fbg to 8 fbg. After removing the tools from the ground the soil became saturated as water charged in up to 5 fbg..

WELL LOG (PID) G:\OAKLAND 3600 PARK\GINT\GINT.GPJ DEFAULT.GDT 3/21/06

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-6
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	03-Jan-06
LOCATION	3600 Park Boulevard, Oakland, California	**DRILLING COMPLETED**	03-Jan-06
PROJECT NUMBER	248-0937-008	**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	3"	**SCREENED INTERVALS**	NA
LOGGED BY	S. Dalie IV	**DEPTH TO WATER (First Encountered)**	39.0 fbg (03-Jan-06)
REVIEWED BY	D. Gibbs P.G. # 7804	**DEPTH TO WATER (Static)**	25.00 fbg (03-Jan-06)

REMARKS Hand augered to 5 fbg. First water encountered at 39 fbg. Water rose rapidly to 25 fbg, where water was sampled via hydropunch

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.6	
					CL		**CLAY with Sand and Gravel** 2.5Y5/2 Light olive brown; moist; 70% clay, 30% silt; high plasticity.		
0.1		SB-6-5		5			**CLAY with Sand and Gravel** 2.5Y4/3 Olive brown; dry; 70% clay, 15% fine sand, 15% fine gravel; medium plasticity.	7.0	
					GC		**Clayey GRAVEL**; 2.5Y4/2 Dark grayish brown; dry; 40% clay, 5% fine sand, 55% coarse gravel; no to low plasticity.		
0.2		SB-6-10		10				11.0	
					CL		**CLAY with Sand** 2.5Y4/4 Olive brown; dry; 75% clay, 25% fine sand; no to low plasticity.	12.5	
					ML		**SILT with Sand** 2.5Y4/4 Olive brown; moist; 80% silt, 20% fine sand; no to low plasticity.	14.5	
0		SB-6-15		15			**CLAY with Sand** 2.5Y4/4 Olive brown; moist; 70% clay, 10% silt, 20% fine sand; high plasticity.		
					CL		@ 18 fbg CLAY 2.5Y4/4 Olive brown; moist; 65% clay, 35% silt; low plasticity.		Portland Type I/II
3.9		SB-6-20		20					
1.9		SB-6-25 SB-6-25W		25				26.0	
					ML		**SILT with Sand** 2.5Y5/4 Light olive brown; moist; 15% clay, 70% silt, 15% medium sand.		

Continued Next Page

WELL LOG (PID) G:\OAKLAND 3600 PARK\GINT\GINT.GPJ DEFAULT.GDT 3/21/06

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-6
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	03-Jan-06
LOCATION	3600 Park Boulevard, Oakland, California	**DRILLING COMPLETED**	03-Jan-06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0.1		SB-6-30		30					
							CLAY with Sand and Gravel 2.5Y/1 Black; moist; 70% clay, 10% silt, 10% fine sand, 10% fine gravel; high plasticity.	30.5	
0.1		SB-6-35		35	CL				
							▽	39.0	
0		SB-6-40		40	SP SM		**Poorly Graded SAND with Silt** 2.5Y4/4 Olive brown; wet; 10% silt, 90% medium sand.	40.0	Bottom of Boring @ 40 fbg

WELL LOG (PID) G:\OAKLAND 3600 PARK\GINT\GINT.GPJ DEFAULT.GDT 3/21/06

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

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	MW-7
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	04-Jan-06
LOCATION	3600 Park Boulevard, Oakland, California	**DRILLING COMPLETED**	06-Jan-06
PROJECT NUMBER	248-0937-008	**WELL DEVELOPMENT DATE (YIELD)**	19-Jan-06 (41 gallons purged.)
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	154.37 ft above msl
DRILLING METHOD	Hydraulic push / hollow stem auger	**TOP OF CASING ELEVATION**	154.00 ft above msl
BORING DIAMETER	3" / 10"	**SCREENED INTERVALS**	28 to 38 fbg
LOGGED BY	S. Dalie IV	**DEPTH TO WATER (First Encountered)**	35.0 fbg (04-Jan-06) ▽
REVIEWED BY	D. Gibbs P.G. # 7804	**DEPTH TO WATER (Static)**	9.64 fbg (24-Jan-06) ▼

REMARKS Air knifed to 5 fbg. First encountered water at 35 fbg. Water rose to 29 fbg before being sampled via hydropunch.

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.6	Bottom of Boring @ 1 fbg
					CL		**CLAY with Gravel** 10YR5/6 Yellowish brown; moist; 65% clay, 10% silt, 10% fine sand, 15% fine gravel; high plasticity.	3.0	
0.9		SB-7- 5			ML		**Silt with SAND** 10YR5/6 Yellowish brown; moist; 10% clay, 75% silt, 15% fine sand.	6.5	
					SM		**Silty SAND with Gravel** 10YR5/3 Brown; moist; 20% silt, 65% fine sand, 15% fine gravel.	8.0	
					SC		**Clayey SAND with Gravel** 10YR4/3 Brown; moist; 25% clay, 60% fine sand, 15% fine gravel.	9.5 ▼	
0.1		SB-7- 10			SP		**Poorly Graded SAND** 10YR4/3 Brown; wet; 100% fine sand.	10.3	
					SC		**Clayey SAND with Gravel** 10YR4/3 Brown; moist; 25% clay, 60% fine sand, 15% fine gravel.	14.0	Portland Type I/II; 4" diam., Schedule 40 PVC
0.1		SB-7- 15			GC		**Clayey GRAVEL** 10YR5/2 Grayish brown; moist; 40% clay, 5% silt, 55% coarse gravel.	18.0	
0		SB-7- 20			CL		**CLAY** 10YR5/3 Brown; moist; 55% clay, 40% silt, 5% fine sand; low plasticity.		

WELL LOG (PID) G:\OAKLAND 3600 PARK\GINT\GINT.GPJ DEFAULT.GDT 3/21/06

Continued Next Page

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

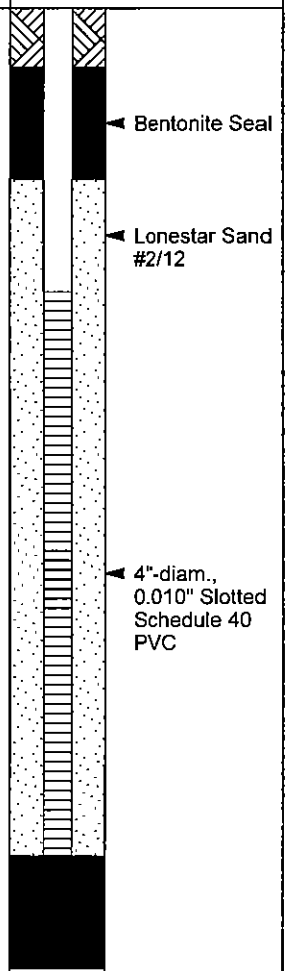
BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	MW-7
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	04-Jan-06
LOCATION	3600 Park Boulevard, Oakland, California	**DRILLING COMPLETED**	06-Jan-06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
								25.0
0		SB-7-25			ML		**SILT** 10YR5/3 Brown; moist; 45% clay, 55% silt; no to low plasticity.	
		SB-7-29W						28.8
0		SB-7-30			CL		**CLAY** 10YR4/3 Brown; moist; 75% clay, 20% silt, 5% fine sand; high plasticity.	
					SC		**Clayey SAND** 10YR4/3 Brown; moist; 25% clay, 70% fine sand; 5% fine gravel.	32.0
							▽	35.0
0		SB-7-35			SP		**Poorly Graded SAND** 10YR4/3 Brown; wet; 100% fine sand.	
								38.0
					CL		**CLAY** 10YR4/3 Brown; wet; 65% clay, 25% silt, 10% fine sand; high plasticity.	
0		SB-7-40						40.0

WELL DIAGRAM



WELL LOG (PID) G:\OAKLAND 3600 PARK\GINT\GINT.GPJ DEFAULT.GDT 3/21/06

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

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	MW-8
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	04-Jan-06
LOCATION	3600 Park Boulevard, Oakland, California	**DRILLING COMPLETED**	06-Jan-06
PROJECT NUMBER	248-0937-008	**WELL DEVELOPMENT DATE (YIELD)**	19-Jan-06 (34 gallons purged.)
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	152.86 ft above msl
DRILLING METHOD	Hydraulic push / hollow stem auger	**TOP OF CASING ELEVATION**	152.61 ft above msl
BORING DIAMETER	3" / 10"	**SCREENED INTERVALS**	40 to 50 fbg
LOGGED BY	S. Dalie IV	**DEPTH TO WATER (First Encountered)**	33.0 fbg (04-Jan-06)
REVIEWED BY	D. Gibbs P.G. # 7804	**DEPTH TO WATER (Static)**	17.08 fbg (24-Jan-06)

REMARKS Air knifed to 5 fbg. First encountered water at 33 fbg. Sampled water discretely at 32 fbg, and 50 fbg via hydropunch.

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.6	
					CL		**CLAY with Sand** 10YR5/4 Yellowish brown; moist; 65% clay, 10% silt, 25% medium sand; high plasticity.	3.3	
0.9		SB-8-5		5	SM		**Silty SAND** 10YR5/4 Yellowish brown; moist; 15% clay, 25% silt, 60% medium sand.	7.0	
					CL		**CLAY** 10YR5/3 Brown; moist; 70% clay, 20% silt, 10% fine sand; medium plasticity.	9.0	
0.1		SB-8-10		10	ML		**SILT** 10YR5/2 Grayish brown; moist; 35% clay, 55% silt, 10% fine sand; low plasticity.	12.0	
					GC		**Clayey GRAVEL** 10YR5/2 Grayish brown; moist; 25% clay, 15% silt, 60% fine gravel.	16.0	
0.1		SB-8-15		15					
					ML		**SILT** 10YR5/2 Grayish brown; moist; 25% clay, 65% silt, 10% fine sand. ▼		Portland Type I/II
0		SB-8-20		20					4" diam., Schedule 40 PVC
0		SB-8-25		25				26.0	
							CLAY with Gravel 10YR4/3 Brown; moist; 60% clay, 15% silt, 5% fine sand; 20% fine gravel; no to low plasticity. @ 27 fbg 10YR3/3 Dark brown.		

WELL LOG (PID) G:\OAKLAND 3600 PARK\GINT\GINT.GPJ DEFAULT.GDT 3/21/06

Continued Next Page

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

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	MW-8
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	04-Jan-06
LOCATION	3600 Park Boulevard, Oakland, California	**DRILLING COMPLETED**	06-Jan-06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0		SB-8-30		30	CL		@ 30 fbg CLAY with Gravel; 10YR5/1 Black; moist; 75% clay, 10% silt, 5% fine sand, 10% fine gravel; high plasticity.		
		SB-8-32W						▽ 33.0	
0		SB-8-35		35			**Clayey SAND with Gravel** 10YR4/3 Brown; wet; 20% clay, 15% silt, 50% fine sand, 15% fine gravel.		Bentonite Seal
				40	SC				Lonestar Sand #2/12
				45					4"-diam., 0.010" Slotted Schedule 40 PVC
		SB-8-50W		50				50.0	Bottom of Boring @ 50 fbg

WELL LOG (PID) G:\OAKLAND 3600 PARK\GINT\GINT.GPJ DEFAULT.GDT 3/21/06

ATTACHMENT E

Certified Laboratory Analytical Reports

SEVERN TRENT STL

Submission#: 2006-01-0040

Cambria Environmental Emeryville

January 31, 2006

5900 Hollis Street, Ste. A
Emeryville, CA 94608

Attn.: David Gibbs

Project#: 247-0937-008
Project: 98995747
Site: 3600 Park Blvd, Oakland, CA

Attached is our report for your samples received on 01/05/2006 17:04
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 02/19/2006 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions,

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

Sincerely,

Melissa Brewer

Melissa Brewer
Project Manager

SEVERN TRENT STL

Submission: 2006-01-0040

Gas/BTEXFuel Oxygenates by 8260B (High Level)

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SB-4-5	01/03/2006 15:20	Soil	26
SB-4-25	01/03/2006 16:00	Soil	30

Gas/BTEXFuel Oxygenates by 8260B (High Level)

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-4-5**
Sampled: 01/03/2006 15:20
Matrix: Soil

Test(s): 8260B
Lab ID: 2006-01-0040 - 26
Extracted: 1/17/2006 18:12
QC Batch#: 2006/01/17-3A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	150	50	mg/Kg	1.00	01/17/2006 18:12	
Benzene	ND	0.50	mg/Kg	1.00	01/17/2006 18:12	
Toluene	ND	0.50	mg/Kg	1.00	01/17/2006 18:12	
Ethyl benzene	ND	0.50	mg/Kg	1.00	01/17/2006 18:12	
Total xylenes	ND	0.50	mg/Kg	1.00	01/17/2006 18:12	
tert-Butyl alcohol (TBA)	ND	2.5	mg/Kg	1.00	01/17/2006 18:12	
Methyl tert-butyl ether (MTBE)	ND	0.50	mg/Kg	1.00	01/17/2006 18:12	
Di-isopropyl Ether (DIPE)	ND	1.0	mg/Kg	1.00	01/17/2006 18:12	
Ethyl tert-butyl ether (ETBE)	ND	0.50	mg/Kg	1.00	01/17/2006 18:12	
tert-Amyl methyl ether (TAME)	ND	0.50	mg/Kg	1.00	01/17/2006 18:12	
1,2-DCA	ND	0.50	mg/Kg	1.00	01/17/2006 18:12	
EDB	ND	0.50	mg/Kg	1.00	01/17/2006 18:12	
Surrogate(s)						
1,2-Dichloroethane-d4	88.6	53-129	%	1.00	01/17/2006 18:12	
Toluene-d8	89.7	47-136	%	1.00	01/17/2006 18:12	

Gas/BTEXFuel Oxygenates by 8260B (High Level)

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-4-25**
Sampled: 01/03/2006 16:00
Matrix: Soil

Test(s): 8260B
Lab ID: 2006-01-0040 - 30
Extracted: 1/17/2006 18:56
QC Batch#: 2006/01/17-3A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	100	50	mg/Kg	1.00	01/17/2006 18:56	
Benzene	ND	0.50	mg/Kg	1.00	01/17/2006 18:56	
Toluene	ND	0.50	mg/Kg	1.00	01/17/2006 18:56	
Ethyl benzene	ND	0.50	mg/Kg	1.00	01/17/2006 18:56	
Total xylenes	ND	0.50	mg/Kg	1.00	01/17/2006 18:56	
tert-Butyl alcohol (TBA)	ND	2.5	mg/Kg	1.00	01/17/2006 18:56	
Methyl tert-butyl ether (MTBE)	ND	0.50	mg/Kg	1.00	01/17/2006 18:56	
Di-isopropyl Ether (DIPE)	ND	1.0	mg/Kg	1.00	01/17/2006 18:56	
Ethyl tert-butyl ether (ETBE)	ND	0.50	mg/Kg	1.00	01/17/2006 18:56	
tert-Amyl methyl ether (TAME)	ND	0.50	mg/Kg	1.00	01/17/2006 18:56	
1,2-DCA	ND	0.50	mg/Kg	1.00	01/17/2006 18:56	
EDB	ND	0.50	mg/Kg	1.00	01/17/2006 18:56	
Surrogate(s)						
1,2-Dichloroethane-d4	87.8	53-129	%	1.00	01/17/2006 18:56	
Toluene-d8	92.5	47-136	%	1.00	01/17/2006 18:56	

Gas/BTEXFuel Oxygenates by 8260B (High Level)

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B
Method Blank

Soil

Test(s): 8260B
QC Batch # 2006/01/17-3A.64

MB: 2006/01/17-3A.64-053

Date Extracted: 01/18/2006 02:53

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	mg/Kg	01/18/2006 02:53	
Gasoline [Shell]	ND	50	mg/Kg	01/18/2006 02:53	
Benzene	ND	0.50	mg/Kg	01/18/2006 02:53	
Toluene	ND	0.50	mg/Kg	01/18/2006 02:53	
Ethyl benzene	ND	0.50	mg/Kg	01/18/2006 02:53	
Total xylenes	ND	0.50	mg/Kg	01/18/2006 02:53	
tert-Butyl alcohol (TBA)	ND	2.5	mg/Kg	01/18/2006 02:53	
Methyl tert-butyl ether (MTBE)	ND	0.50	mg/Kg	01/18/2006 02:53	
Di-isopropyl Ether (DIPE)	ND	1.0	mg/Kg	01/18/2006 02:53	
Ethyl tert-butyl ether (ETBE)	ND	0.50	mg/Kg	01/18/2006 02:53	
tert-Amyl methyl ether (TAME)	ND	0.50	mg/Kg	01/18/2006 02:53	
1,2-DCA	ND	0.50	mg/Kg	01/18/2006 02:53	
EDB	ND	0.50	mg/Kg	01/18/2006 02:53	
Surrogates(s)					
1,2-Dichloroethane-d4	124.4	53-129	%	01/18/2006 02:53	
Toluene-d8	112.8	47-136	%	01/18/2006 02:53	

Gas/BTEXFuel Oxygenates by 8260B (High Level)

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2006/01/17-3A.64**

LCS 2006/01/17-3A.64-009 Extracted: 01/18/2006 Analyzed: 01/18/2006 02:09

LCSD 2006/01/17-3A.64-031 Extracted: 01/18/2006 Analyzed: 01/18/2006 02:31

Compound	Conc.	mg/Kg	Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	9.58	9.99	10	95.8	99.9	4.2	69-129	20		
Toluene	11.2	11.7	10	112.0	117.0	4.4	70-130	20		
Methyl tert-butyl ether (MTBE)	11.3	12.4	10	113.0	124.0	9.3	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	272	271	250	108.8	108.4		53-129			
Toluene-d8	256	258	250	102.4	103.2		47-136			

SEVERN TRENT STL

Submission: 2006-01-0040

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SB-5-10.5W	01/03/2006 09:45	Water	3
SB-3-5W	01/03/2006 11:00	Water	6
SB-6-25W	01/03/2006 13:00	Water	15
SB-2-23W	01/03/2006 15:00	Water	25
SB-4-24W	01/03/2006 16:10	Water	31
SB-1-25W	01/04/2006 09:00	Water	32
SB-7-29W	01/04/2006 15:30	Water	40
SB-8-50W	01/04/2006 12:45	Water	48
SB-8-32W	01/04/2006 10:50	Water	49

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-5-10.5W**
Sampled: 01/03/2006 09:45
Matrix: Water
pH: <2

Test(s): 8260B
Lab ID: 2006-01-0040 - 3
Extracted: 1/16/2006 20:49
QC Batch#: 2006/01/16-1A.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	01/16/2006 20:49	
Benzene	ND	0.50	ug/L	1.00	01/16/2006 20:49	
Toluene	ND	0.50	ug/L	1.00	01/16/2006 20:49	
Ethylbenzene	ND	0.50	ug/L	1.00	01/16/2006 20:49	
Total xylenes	ND	1.0	ug/L	1.00	01/16/2006 20:49	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/16/2006 20:49	
Methyl tert-butyl ether (MTBE)	8.5	0.50	ug/L	1.00	01/16/2006 20:49	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	01/16/2006 20:49	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	01/16/2006 20:49	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	01/16/2006 20:49	
1,2-DCA	ND	0.50	ug/L	1.00	01/16/2006 20:49	
EDB	ND	0.50	ug/L	1.00	01/16/2006 20:49	
Surrogate(s)						
1,2-Dichloroethane-d4	95.0	72-130	%	1.00	01/16/2006 20:49	
Toluene-d8	91.1	81-114	%	1.00	01/16/2006 20:49	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-3-5W**
Sampled: 01/03/2006 11:00
Matrix: Water
pH: <2

Test(s): 8260B
Lab ID: 2006-01-0040 - 6
Extracted: 1/14/2006 02:35
QC Batch#: 2006/01/13-2A.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	01/14/2006 02:35	
Benzene	0.65	0.50	ug/L	1.00	01/14/2006 02:35	
Toluene	ND	0.50	ug/L	1.00	01/14/2006 02:35	
Ethylbenzene	ND	0.50	ug/L	1.00	01/14/2006 02:35	
Total xylenes	ND	1.0	ug/L	1.00	01/14/2006 02:35	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/14/2006 02:35	
Methyl tert-butyl ether (MTBE)	1.1	0.50	ug/L	1.00	01/14/2006 02:35	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	01/14/2006 02:35	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	01/14/2006 02:35	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	01/14/2006 02:35	
1,2-DCA	ND	0.50	ug/L	1.00	01/14/2006 02:35	
EDB	ND	0.50	ug/L	1.00	01/14/2006 02:35	
Surrogate(s)						
1,2-Dichloroethane-d4	96.1	72-130	%	1.00	01/14/2006 02:35	
Toluene-d8	93.3	81-114	%	1.00	01/14/2006 02:35	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-6-25W**
Sampled: 01/03/2006 13:00
Matrix: Water
pH: <2

Test(s): 8260B
Lab ID: 2006-01-0040 - 15
Extracted: 1/14/2006 03:02
QC Batch#: 2006/01/13-2A.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	01/14/2006 03:02	
Benzene	ND	0.50	ug/L	1.00	01/14/2006 03:02	
Toluene	ND	0.50	ug/L	1.00	01/14/2006 03:02	
Ethylbenzene	ND	0.50	ug/L	1.00	01/14/2006 03:02	
Total xylenes	ND	1.0	ug/L	1.00	01/14/2006 03:02	
tert-Butyl alcohol (TBA)	37	5.0	ug/L	1.00	01/14/2006 03:02	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/14/2006 03:02	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	01/14/2006 03:02	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	01/14/2006 03:02	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	01/14/2006 03:02	
1,2-DCA	0.75	0.50	ug/L	1.00	01/14/2006 03:02	
EDB	ND	0.50	ug/L	1.00	01/14/2006 03:02	
Surrogate(s)						
1,2-Dichloroethane-d4	98.1	72-130	%	1.00	01/14/2006 03:02	
Toluene-d8	94.9	81-114	%	1.00	01/14/2006 03:02	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-2-23W**
Sampled: 01/03/2006 15:00
Matrix: Water
pH: 5

Test(s): 8260B
Lab ID: 2006-01-0040 - 25
Extracted: 1/17/2006 22:27
QC Batch#: 2006/01/17-2A.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	01/17/2006 22:27	
Benzene	0.53	0.50	ug/L	1.00	01/17/2006 22:27	
Toluene	ND	0.50	ug/L	1.00	01/17/2006 22:27	
Ethylbenzene	ND	0.50	ug/L	1.00	01/17/2006 22:27	
Total xylenes	ND	1.0	ug/L	1.00	01/17/2006 22:27	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/17/2006 22:27	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/17/2006 22:27	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	01/17/2006 22:27	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	01/17/2006 22:27	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	01/17/2006 22:27	
1,2-DCA	ND	0.50	ug/L	1.00	01/17/2006 22:27	
EDB	ND	0.50	ug/L	1.00	01/17/2006 22:27	
Surrogate(s)						
1,2-Dichloroethane-d4	106.7	72-130	%	1.00	01/17/2006 22:27	
Toluene-d8	93.1	81-114	%	1.00	01/17/2006 22:27	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-4-24W**
Sampled: 01/03/2006 16:10
Matrix: Water
pH: <2

Test(s): 8260B
Lab ID: 2006-01-0040 - 31
Extracted: 1/14/2006 03:57
QC Batch#: 2006/01/13-2A.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	01/14/2006 03:57	
Benzene	ND	0.50	ug/L	1.00	01/14/2006 03:57	
Toluene	ND	0.50	ug/L	1.00	01/14/2006 03:57	
Ethylbenzene	ND	0.50	ug/L	1.00	01/14/2006 03:57	
Total xylenes	ND	1.0	ug/L	1.00	01/14/2006 03:57	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/14/2006 03:57	
Methyl tert-butyl ether (MTBE)	3.0	0.50	ug/L	1.00	01/14/2006 03:57	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	01/14/2006 03:57	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	01/14/2006 03:57	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	01/14/2006 03:57	
1,2-DCA	ND	0.50	ug/L	1.00	01/14/2006 03:57	
EDB	ND	0.50	ug/L	1.00	01/14/2006 03:57	
Surrogate(s)						
1,2-Dichloroethane-d4	106.7	72-130	%	1.00	01/14/2006 03:57	
Toluene-d8	90.9	81-114	%	1.00	01/14/2006 03:57	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-1-25W**
Sampled: 01/04/2006 09:00
Matrix: Water
pH: <2

Test(s): 8260B
Lab ID: 2006-01-0040 - 32
Extracted: 1/14/2006 04:24
QC Batch#: 2006/01/13-2A.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	01/14/2006 04:24	
Benzene	0.86	0.50	ug/L	1.00	01/14/2006 04:24	
Toluene	ND	0.50	ug/L	1.00	01/14/2006 04:24	
Ethylbenzene	ND	0.50	ug/L	1.00	01/14/2006 04:24	
Total xylenes	ND	1.0	ug/L	1.00	01/14/2006 04:24	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/14/2006 04:24	
Methyl tert-butyl ether (MTBE)	22	0.50	ug/L	1.00	01/14/2006 04:24	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	01/14/2006 04:24	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	01/14/2006 04:24	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	01/14/2006 04:24	
1,2-DCA	ND	0.50	ug/L	1.00	01/14/2006 04:24	
EDB	ND	0.50	ug/L	1.00	01/14/2006 04:24	
Surrogate(s)						
1,2-Dichloroethane-d4	91.1	72-130	%	1.00	01/14/2006 04:24	
Toluene-d8	95.3	81-114	%	1.00	01/14/2006 04:24	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-7-29W**
Sampled: 01/04/2006 15:30
Matrix: Water
pH: <2

Test(s): 8260B
Lab ID: 2006-01-0040 - 40
Extracted: 1/14/2006 04:51
QC Batch#: 2006/01/13-2A.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	01/14/2006 04:51	
Benzene	ND	0.50	ug/L	1.00	01/14/2006 04:51	
Toluene	ND	0.50	ug/L	1.00	01/14/2006 04:51	
Ethylbenzene	ND	0.50	ug/L	1.00	01/14/2006 04:51	
Total xylenes	ND	1.0	ug/L	1.00	01/14/2006 04:51	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/14/2006 04:51	
Methyl tert-butyl ether (MTBE)	8.9	0.50	ug/L	1.00	01/14/2006 04:51	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	01/14/2006 04:51	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	01/14/2006 04:51	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	01/14/2006 04:51	
1,2-DCA	ND	0.50	ug/L	1.00	01/14/2006 04:51	
EDB	ND	0.50	ug/L	1.00	01/14/2006 04:51	
Surrogate(s)						
1,2-Dichloroethane-d4	106.8	72-130	%	1.00	01/14/2006 04:51	
Toluene-d8	93.7	81-114	%	1.00	01/14/2006 04:51	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

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

Sample ID: **SB-8-50W**
Lab ID: 2006-01-0040 - 48

Sampled: 01/04/2006 12:45
Extracted: 1/16/2006 16:45

Matrix: Water
QC Batch#: 2006/01/16-1A.66

Analysis Flag: L2, pH: <2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	2500	ug/L	50.00	01/16/2006 16:45	
Benzene	ND	25	ug/L	50.00	01/16/2006 16:45	
Toluene	ND	25	ug/L	50.00	01/16/2006 16:45	
Ethylbenzene	ND	25	ug/L	50.00	01/16/2006 16:45	
Total xylenes	ND	50	ug/L	50.00	01/16/2006 16:45	
tert-Butyl alcohol (TBA)	310	250	ug/L	50.00	01/16/2006 16:45	
Methyl tert-butyl ether (MTBE)	3800	25	ug/L	50.00	01/16/2006 16:45	
Di-isopropyl Ether (DIPE)	ND	100	ug/L	50.00	01/16/2006 16:45	
Ethyl tert-butyl ether (ETBE)	ND	100	ug/L	50.00	01/16/2006 16:45	
tert-Amyl methyl ether (TAME)	ND	100	ug/L	50.00	01/16/2006 16:45	
1,2-DCA	ND	25	ug/L	50.00	01/16/2006 16:45	
EDB	ND	25	ug/L	50.00	01/16/2006 16:45	
Surrogate(s)						
1,2-Dichloroethane-d4	95.6	72-130	%	50.00	01/16/2006 16:45	
Toluene-d8	94.0	81-114	%	50.00	01/16/2006 16:45	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-8-32W**
Sampled: 01/04/2006 10:50
Matrix: Water

Test(s): 8260B
Lab ID: 2006-01-0040 - 49
Extracted: 1/17/2006 22:00
QC Batch#: 2006/01/17-2A.66

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	2500	ug/L	50.00	01/17/2006 22:00	
Benzene	ND	25	ug/L	50.00	01/17/2006 22:00	
Toluene	ND	25	ug/L	50.00	01/17/2006 22:00	
Ethylbenzene	ND	25	ug/L	50.00	01/17/2006 22:00	
Total xylenes	ND	50	ug/L	50.00	01/17/2006 22:00	
tert-Butyl alcohol (TBA)	ND	250	ug/L	50.00	01/17/2006 22:00	
Methyl tert-butyl ether (MTBE)	3400	25	ug/L	50.00	01/17/2006 22:00	
Di-isopropyl Ether (DIPE)	ND	100	ug/L	50.00	01/17/2006 22:00	
Ethyl tert-butyl ether (ETBE)	ND	100	ug/L	50.00	01/17/2006 22:00	
tert-Amyl methyl ether (TAME)	ND	100	ug/L	50.00	01/17/2006 22:00	
1,2-DCA	ND	25	ug/L	50.00	01/17/2006 22:00	
EDB	ND	25	ug/L	50.00	01/17/2006 22:00	
Surrogate(s)						
1,2-Dichloroethane-d4	87.9	72-130	%	50.00	01/17/2006 22:00	
Toluene-d8	92.0	81-114	%	50.00	01/17/2006 22:00	

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2006/01/13-2A.66

MB: 2006/01/13-2A.66-033

Date Extracted: 01/13/2006 21:33

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	01/13/2006 21:33	
Gasoline [Shell]	ND	50	ug/L	01/13/2006 21:33	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	01/13/2006 21:33	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/13/2006 21:33	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	01/13/2006 21:33	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	01/13/2006 21:33	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	01/13/2006 21:33	
1,2-DCA	ND	0.5	ug/L	01/13/2006 21:33	
EDB	ND	0.5	ug/L	01/13/2006 21:33	
Benzene	ND	0.5	ug/L	01/13/2006 21:33	
Toluene	ND	0.5	ug/L	01/13/2006 21:33	
Ethylbenzene	ND	0.5	ug/L	01/13/2006 21:33	
Total xylenes	ND	1.0	ug/L	01/13/2006 21:33	
Surrogates(s)					
1,2-Dichloroethane-d4	86.2	72-130	%	01/13/2006 21:33	
Toluene-d8	95.6	81-114	%	01/13/2006 21:33	

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2006/01/16-1A.66**

MB: 2006/01/16-1A.66-030 — Date Extracted: 01/16/2006 12:30

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	01/16/2006 12:30	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	01/16/2006 12:30	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/16/2006 12:30	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	01/16/2006 12:30	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	01/16/2006 12:30	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	01/16/2006 12:30	
1,2-DCA	ND	0.5	ug/L	01/16/2006 12:30	
EDB	ND	0.5	ug/L	01/16/2006 12:30	
Benzene	ND	0.5	ug/L	01/16/2006 12:30	
Toluene	ND	0.5	ug/L	01/16/2006 12:30	
Ethylbenzene	ND	0.5	ug/L	01/16/2006 12:30	
Total xylenes	ND	1.0	ug/L	01/16/2006 12:30	
Surrogates(s)					
1,2-Dichloroethane-d4	91.6	72-130	%	01/16/2006 12:30	
Toluene-d8	94.0	81-114	%	01/16/2006 12:30	

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2006/01/17-2A.66**

MB: 2006/01/17-2A.66-055 — Date Extracted: 01/17/2006 20:55

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	01/17/2006 20:55	
Gasoline [Shell]	ND	50	ug/L	01/17/2006 20:55	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	01/17/2006 20:55	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/17/2006 20:55	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	01/17/2006 20:55	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	01/17/2006 20:55	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	01/17/2006 20:55	
1,2-DCA	ND	0.5	ug/L	01/17/2006 20:55	
EDB	ND	0.5	ug/L	01/17/2006 20:55	
Benzene	ND	0.5	ug/L	01/17/2006 20:55	
Toluene	ND	0.5	ug/L	01/17/2006 20:55	
Ethylbenzene	ND	0.5	ug/L	01/17/2006 20:55	
Total xylenes	ND	1.0	ug/L	01/17/2006 20:55	
Surrogates(s)					
1,2-Dichloroethane-d4	87.2	72-130	%	01/17/2006 20:55	
Toluene-d8	94.0	81-114	%	01/17/2006 20:55	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2006/01/13-2A.66**

LCS 2006/01/13-2A.66-052 Extracted: 01/13/2006 Analyzed: 01/13/2006 20:36
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	24.1		25.0	96.4			69-129	20		
Toluene	23.3		25.0	93.2			70-130	20		
Methyl tert-butyl ether (MTBE)	21.2		25.0	84.8			65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	411		500	82.2			72-130	0		
Toluene-d8	464		500	92.8			81-114	0		

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2006/01/16-1A.66**

LCS 2006/01/16-1A.66-036 Extracted: 01/16/2006 Analyzed: 01/16/2006 11:36

LCSD 2006/01/16-1A.66-003 Extracted: 01/16/2006 Analyzed: 01/16/2006 12:03

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	23.8	23.5	25	95.2	94.0	1.3	65-165	20		
Benzene	25.6	25.7	25	102.4	102.8	0.4	69-129	20		
Toluene	24.0	24.8	25	96.0	99.2	3.3	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	431	426	500	86.2	85.2		72-130			
Toluene-d8	462	470	500	92.4	94.0		81-114			

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2006/01/17-2A.66**

LCS 2006/01/17-2A.66-001 Extracted: 01/17/2006 Analyzed: 01/17/2006 20:01
LCSD 2006/01/17-2A.66-028 Extracted: 01/17/2006 Analyzed: 01/17/2006 20:28

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	26.8	26.9	25	107.2	107.6	0.4	65-165	20		
Benzene	28.8	28.8	25	115.2	115.2	0.0	69-129	20		
Toluene	27.1	26.7	25	108.4	106.8	1.5	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	429	436	500	85.8	87.2		72-130			
Toluene-d8	454	466	500	90.8	93.2		81-114			

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2006/01/13-2A.66**

MS/MSD

Lab ID: 2006-01-0046 - 001

MS: 2006/01/13-2A.66-051 Extracted: 01/14/2006 Analyzed: 01/14/2006 00:51
Dilution: 10.00

MSD: 2006/01/13-2A.66-017 Extracted: 01/14/2006 Analyzed: 01/14/2006 01:17
Dilution: 10.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	796	730	625	250	68.4	42.0	47.8	65-165	20		M5,R1
Benzene	258	245	4.25	250	101.5	96.3	5.3	69-129	20		
Toluene	237	240	4.16	250	93.1	94.3	1.3	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	431	392		500	86.2	78.4		72-130			
Toluene-d8	469	476		500	93.8	95.2		81-114			

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2006/01/16-1A.66**

SB-8-50W >> MS

Lab ID: 2006-01-0040 - 048

MS: 2006/01/16-1A.66-012 Extracted: 01/16/2006 Analyzed: 01/16/2006 17:12
Dilution: 50.00

MSD: 2006/01/16-1A.66-039 Extracted: 01/16/2006 Analyzed: 01/16/2006 17:39
Dilution: 50.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	4860	4740	3760	1250	88.0	78.4	11.5	65-165	20		
Benzene	1030	1140	ND	1250	82.4	91.2	10.1	69-129	20		
Toluene	939	1080	ND	1250	75.1	86.4	14.0	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	479	470		500	95.8	94.0		72-130			
Toluene-d8	467	484		500	93.4	96.8		81-114			

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2006/01/17-2A.66**

SB-8-32W >> MS

Lab ID: 2006-01-0040 - 049

MS: 2006/01/17-2A.66-053 Extracted: 01/17/2006 Analyzed: 01/17/2006 22:53
Dilution: 50.00

MSD: 2006/01/17-2A.66-020 Extracted: 01/17/2006 Analyzed: 01/17/2006 23:20
Dilution: 50.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	4450	4640	3410	1250	83.2	98.4	16.7	65-165	20		
Benzene	1420	1410	ND	1250	113.6	112.8	0.7	69-129	20		
Toluene	1310	1350	ND	1250	104.8	108.0	3.0	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	428	448		500	85.6	89.6		72-130			
Toluene-d8	461	465		500	92.2	93.0		81-114			

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Legend and Notes

Analysis Flag

L2

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

Result Flag

M5

MS/MSD spike recoveries were below acceptance limits. See blank spike (LCS).

R1

Analyte RPD was out of QC limits.

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SB-5-5	01/03/2006 09:20	Soil	1
SB-5-10	01/03/2006 09:30	Soil	2
SB-3-5	01/03/2006 10:00	Soil	4
SB-3-10	01/03/2006 10:20	Soil	5
SB-6-5	01/03/2006 11:20	Soil	7
SB-6-10	01/03/2006 11:40	Soil	8
SB-6-15	01/03/2006 11:50	Soil	9
SB-6-20	01/03/2006 12:00	Soil	10
SB-6-25	01/03/2006 12:15	Soil	11
SB-6-30	01/03/2006 12:25	Soil	12
SB-6-35	01/03/2006 12:40	Soil	13
SB-6-39.5	01/03/2006 12:50	Soil	14
SB-1-5	01/03/2006 13:20	Soil	16
SB-1-10	01/03/2006 13:30	Soil	17
SB-1-15	01/03/2006 13:40	Soil	18
SB-1-20	01/03/2006 13:50	Soil	19
SB-1-25	01/03/2006 14:00	Soil	20
SB-2-5	01/03/2006 14:20	Soil	21
SB-2-10	01/03/2006 14:30	Soil	22
SB-2-15	01/03/2006 14:40	Soil	23
SB-2-20	01/03/2006 14:50	Soil	24
SB-4-10	01/03/2006 15:30	Soil	27
SB-4-15	01/03/2006 15:40	Soil	28
SB-4-20	01/03/2006 15:50	Soil	29
SB-7-5	01/04/2006 14:00	Soil	33
SB-7-10	01/04/2006 14:10	Soil	34
SB-7-15	01/04/2006 14:20	Soil	35
SB-7-20	01/04/2006 14:30	Soil	36
SB-7-25	01/04/2006 14:40	Soil	37
SB-7-30	01/04/2006 14:50	Soil	38
SB-7-35	01/04/2006 15:00	Soil	39
SB-8-5	01/04/2006 09:45	Soil	41

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SB-8-10	01/04/2006 09:55	Soil	42
SB-8-15	01/04/2006 10:05	Soil	43
SB-8-20	01/04/2006 10:15	Soil	44
SB-8-25	01/04/2006 10:25	Soil	45
SB-8-30	01/04/2006 10:35	Soil	46
SB-8-35	01/04/2006 10:45	Soil	47

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**SB-5-5**	Lab ID:	2006-01-0040 - 1
Sampled:	01/03/2006 09:20	Extracted:	1/17/2006 12:30
Matrix:	Soil	QC Batch#:	2006/01/17-1A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 12:30	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 12:30	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 12:30	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 12:30	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 12:30	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/17/2006 12:30	
Methyl tert-butyl ether (MTBE)	0.011	0.0050	mg/Kg	1.00	01/17/2006 12:30	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 12:30	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 12:30	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 12:30	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 12:30	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 12:30	
Surrogate(s)						
1,2-Dichloroethane-d4	91.0	72-124	%	1.00	01/17/2006 12:30	
Toluene-d8	90.9	72-116	%	1.00	01/17/2006 12:30	

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**SB-5-10**	Lab ID:	2006-01-0040 - 2
Sampled:	01/03/2006 09:30	Extracted:	1/17/2006 13:48
Matrix:	Soil	QC Batch#:	2006/01/17-1A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 13:48	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 13:48	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 13:48	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 13:48	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 13:48	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/17/2006 13:48	
Methyl tert-butyl ether (MTBE)	0.012	0.0050	mg/Kg	1.00	01/17/2006 13:48	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 13:48	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 13:48	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 13:48	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 13:48	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 13:48	
Surrogate(s)						
1,2-Dichloroethane-d4	88.1	72-124	%	1.00	01/17/2006 13:48	
Toluene-d8	89.5	72-116	%	1.00	01/17/2006 13:48	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**SB-3-5**	Lab ID:	2006-01-0040 - 4
Sampled:	01/03/2006 10:00	Extracted:	1/17/2006 14:14
Matrix:	Soil	QC Batch#:	2006/01/17-1A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 14:14	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 14:14	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 14:14	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 14:14	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 14:14	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/17/2006 14:14	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 14:14	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 14:14	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 14:14	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 14:14	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 14:14	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 14:14	
Surrogate(s)						
1,2-Dichloroethane-d4	88.1	72-124	%	1.00	01/17/2006 14:14	
Toluene-d8	92.9	72-116	%	1.00	01/17/2006 14:14	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-3-10**
Sampled: 01/03/2006 10:20
Matrix: Soil

Test(s): 8260B
Lab ID: 2006-01-0040 - 5
Extracted: 1/17/2006 14:41
QC Batch#: 2006/01/17-1A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 14:41	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 14:41	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 14:41	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 14:41	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 14:41	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/17/2006 14:41	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 14:41	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 14:41	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 14:41	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 14:41	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 14:41	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 14:41	
Surrogate(s)						
1,2-Dichloroethane-d4	96.2	72-124	%	1.00	01/17/2006 14:41	
Toluene-d8	89.8	72-116	%	1.00	01/17/2006 14:41	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**SB-6-5**	Lab ID:	2006-01-0040 - 7
Sampled:	01/03/2006 11:20	Extracted:	1/17/2006 15:07
Matrix:	Soil	QC Batch#:	2006/01/17-1A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 15:07	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 15:07	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 15:07	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 15:07	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 15:07	
tert-Butyl alcohol (TBA)	0.96	0.010	mg/Kg	1.00	01/17/2006 15:07	
Methyl tert-butyl ether (MTBE)	0.0085	0.0050	mg/Kg	1.00	01/17/2006 15:07	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 15:07	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 15:07	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 15:07	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 15:07	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 15:07	
Surrogate(s)						
1,2-Dichloroethane-d4	89.5	72-124	%	1.00	01/17/2006 15:07	
Toluene-d8	89.4	72-116	%	1.00	01/17/2006 15:07	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-6-10**
Sampled: 01/03/2006 11:40
Matrix: Soil

Test(s): 8260B
Lab ID: 2006-01-0040 - 8
Extracted: 1/17/2006 15:33
QC Batch#: 2006/01/17-1A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 15:33	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 15:33	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 15:33	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 15:33	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 15:33	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/17/2006 15:33	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 15:33	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 15:33	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 15:33	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 15:33	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 15:33	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 15:33	
Surrogate(s)						
1,2-Dichloroethane-d4	91.3	72-124	%	1.00	01/17/2006 15:33	
Toluene-d8	93.2	72-116	%	1.00	01/17/2006 15:33	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

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

Sample ID: **SB-6-15**
Lab ID: 2006-01-0040 - 9

Sampled: 01/03/2006 11:50
Extracted: 1/17/2006 22:10

Matrix: Soil
QC Batch#: 2006/01/17-1A.64

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	5.0	mg/Kg	5.00	01/17/2006 22:10	
Benzene	ND	0.025	mg/Kg	5.00	01/17/2006 22:10	
Toluene	ND	0.025	mg/Kg	5.00	01/17/2006 22:10	
Ethyl benzene	ND	0.025	mg/Kg	5.00	01/17/2006 22:10	
Total xylenes	ND	0.025	mg/Kg	5.00	01/17/2006 22:10	
tert-Butyl alcohol (TBA)	ND	0.050	mg/Kg	5.00	01/17/2006 22:10	
Methyl tert-butyl ether (MTBE)	0.24	0.025	mg/Kg	5.00	01/17/2006 22:10	
Di-isopropyl Ether (DIPE)	ND	0.050	mg/Kg	5.00	01/17/2006 22:10	
Ethyl tert-butyl ether (ETBE)	ND	0.025	mg/Kg	5.00	01/17/2006 22:10	
tert-Amyl methyl ether (TAME)	ND	0.025	mg/Kg	5.00	01/17/2006 22:10	
1,2-DCA	ND	0.025	mg/Kg	5.00	01/17/2006 22:10	
EDB	ND	0.025	mg/Kg	5.00	01/17/2006 22:10	
Surrogate(s)						
1,2-Dichloroethane-d4	94.5	72-124	%	5.00	01/17/2006 22:10	
Toluene-d8	91.2	72-116	%	5.00	01/17/2006 22:10	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**SB-6-20**	Lab ID:	2006-01-0040 - 10
Sampled:	01/03/2006 12:00	Extracted:	1/17/2006 16:26
Matrix:	Soil	QC Batch#:	2006/01/17-1A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 16:26	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 16:26	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 16:26	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 16:26	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 16:26	
tert-Butyl alcohol (TBA)	0.032	0.010	mg/Kg	1.00	01/17/2006 16:26	
Methyl tert-butyl ether (MTBE)	0.33	0.0050	mg/Kg	1.00	01/17/2006 16:26	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 16:26	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 16:26	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 16:26	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 16:26	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 16:26	
Surrogate(s)						
1,2-Dichloroethane-d4	98.5	72-124	%	1.00	01/17/2006 16:26	
Toluene-d8	89.1	72-116	%	1.00	01/17/2006 16:26	

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

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

Sample ID: **SB-6-25**
Lab ID: 2006-01-0040 - 11

Sampled: 01/03/2006 12:15
Extracted: 1/17/2006 22:53

Matrix: Soil
QC Batch#: 2006/01/17-1A.64

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	5.0	mg/Kg	4.95	01/17/2006 22:53	
Benzene	ND	0.025	mg/Kg	4.95	01/17/2006 22:53	
Toluene	ND	0.025	mg/Kg	4.95	01/17/2006 22:53	
Ethyl benzene	ND	0.025	mg/Kg	4.95	01/17/2006 22:53	
Total xylenes	ND	0.025	mg/Kg	4.95	01/17/2006 22:53	
tert-Butyl alcohol (TBA)	ND	0.050	mg/Kg	4.95	01/17/2006 22:53	
Methyl tert-butyl ether (MTBE)	0.48	0.025	mg/Kg	4.95	01/17/2006 22:53	
Di-isopropyl Ether (DIPE)	ND	0.050	mg/Kg	4.95	01/17/2006 22:53	
Ethyl tert-butyl ether (ETBE)	ND	0.025	mg/Kg	4.95	01/17/2006 22:53	
tert-Amyl methyl ether (TAME)	ND	0.025	mg/Kg	4.95	01/17/2006 22:53	
1,2-DCA	ND	0.025	mg/Kg	4.95	01/17/2006 22:53	
EDB	ND	0.025	mg/Kg	4.95	01/17/2006 22:53	
Surrogate(s)						
1,2-Dichloroethane-d4	92.4	72-124	%	4.95	01/17/2006 22:53	
Toluene-d8	91.6	72-116	%	4.95	01/17/2006 22:53	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**SB-6-30**	Lab ID:	2006-01-0040 - 12
Sampled:	01/03/2006 12:25	Extracted:	1/17/2006 17:18
Matrix:	Soil	QC Batch#:	2006/01/17-1A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 17:18	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 17:18	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 17:18	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 17:18	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 17:18	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/17/2006 17:18	
Methyl tert-butyl ether (MTBE)	0.075	0.0050	mg/Kg	1.00	01/17/2006 17:18	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 17:18	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 17:18	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 17:18	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 17:18	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 17:18	
Surrogate(s)						
1,2-Dichloroethane-d4	97.2	72-124	%	1.00	01/17/2006 17:18	
Toluene-d8	88.2	72-116	%	1.00	01/17/2006 17:18	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-6-35**
Sampled: 01/03/2006 12:40
Matrix: Soil

Test(s): 8260B
Lab ID: 2006-01-0040 - 13
Extracted: 1/17/2006 17:44
QC Batch#: 2006/01/17-1A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 17:44	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 17:44	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 17:44	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 17:44	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 17:44	
tert-Butyl alcohol (TBA)	0.018	0.010	mg/Kg	1.00	01/17/2006 17:44	
Methyl tert-butyl ether (MTBE)	0.19	0.0050	mg/Kg	1.00	01/17/2006 17:44	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 17:44	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 17:44	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 17:44	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 17:44	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 17:44	
Surrogate(s)						
1,2-Dichloroethane-d4	88.2	72-124	%	1.00	01/17/2006 17:44	
Toluene-d8	91.2	72-116	%	1.00	01/17/2006 17:44	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**SB-6-39.5**	Lab ID:	2006-01-0040 - 14
Sampled:	01/03/2006 12:50	Extracted:	1/17/2006 18:10
Matrix:	Soil	QC Batch#:	2006/01/17-1A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 18:10	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 18:10	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 18:10	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 18:10	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 18:10	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/17/2006 18:10	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 18:10	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 18:10	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 18:10	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 18:10	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 18:10	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 18:10	
Surrogate(s)						
1,2-Dichloroethane-d4	91.1	72-124	%	1.00	01/17/2006 18:10	
Toluene-d8	93.5	72-116	%	1.00	01/17/2006 18:10	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-1-5**
Sampled: 01/03/2006 13:20
Matrix: Soil

Test(s): 8260B
Lab ID: 2006-01-0040 - 16
Extracted: 1/17/2006 18:37
QC Batch#: 2006/01/17-1A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	1.1	1.0	mg/Kg	1.00	01/17/2006 18:37	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 18:37	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 18:37	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 18:37	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 18:37	
tert-Butyl alcohol (TBA)	0.27	0.010	mg/Kg	1.00	01/17/2006 18:37	
Methyl tert-butyl ether (MTBE)	0.25	0.0050	mg/Kg	1.00	01/17/2006 18:37	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 18:37	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 18:37	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 18:37	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 18:37	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 18:37	
Surrogate(s)						
1,2-Dichloroethane-d4	95.8	72-124	%	1.00	01/17/2006 18:37	
Toluene-d8	88.1	72-116	%	1.00	01/17/2006 18:37	

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

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

Sample ID: **SB-1-10**
Lab ID: 2006-01-0040 - 17

Sampled: 01/03/2006 13:30
Extracted: 1/17/2006 22:32

Matrix: Soil
QC Batch#: 2006/01/17-1A.64

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	2.5	mg/Kg	2.48	01/17/2006 22:32	
Benzene	ND	0.012	mg/Kg	2.48	01/17/2006 22:32	
Toluene	ND	0.012	mg/Kg	2.48	01/17/2006 22:32	
Ethyl benzene	ND	0.012	mg/Kg	2.48	01/17/2006 22:32	
Total xylenes	ND	0.012	mg/Kg	2.48	01/17/2006 22:32	
tert-Butyl alcohol (TBA)	0.37	0.025	mg/Kg	2.48	01/17/2006 22:32	
Methyl tert-butyl ether (MTBE)	0.33	0.012	mg/Kg	2.48	01/17/2006 22:32	
Di-isopropyl Ether (DIPE)	ND	0.025	mg/Kg	2.48	01/17/2006 22:32	
Ethyl tert-butyl ether (ETBE)	ND	0.012	mg/Kg	2.48	01/17/2006 22:32	
tert-Amyl methyl ether (TAME)	ND	0.012	mg/Kg	2.48	01/17/2006 22:32	
1,2-DCA	ND	0.012	mg/Kg	2.48	01/17/2006 22:32	
EDB	ND	0.012	mg/Kg	2.48	01/17/2006 22:32	
Surrogate(s)						
1,2-Dichloroethane-d4	92.4	72-124	%	2.48	01/17/2006 22:32	
Toluene-d8	87.2	72-116	%	2.48	01/17/2006 22:32	

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**SB-1-15**	Lab ID:	2006-01-0040 - 18
Sampled:	01/03/2006 13:40	Extracted:	1/17/2006 19:29
Matrix:	Soil	QC Batch#:	2006/01/17-1A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 19:29	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 19:29	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 19:29	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 19:29	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 19:29	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/17/2006 19:29	
Methyl tert-butyl ether (MTBE)	0.36	0.0050	mg/Kg	1.00	01/17/2006 19:29	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 19:29	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 19:29	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 19:29	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 19:29	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 19:29	
Surrogate(s)						
1,2-Dichloroethane-d4	97.8	72-124	%	1.00	01/17/2006 19:29	
Toluene-d8	94.2	72-116	%	1.00	01/17/2006 19:29	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**SB-1-20**	Lab ID:	2006-01-0040 - 19
Sampled:	01/03/2006 13:50	Extracted:	1/17/2006 19:55
Matrix:	Soil	QC Batch#:	2006/01/17-1A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 19:55	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 19:55	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 19:55	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 19:55	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 19:55	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/17/2006 19:55	
Methyl tert-butyl ether (MTBE)	0.023	0.0050	mg/Kg	1.00	01/17/2006 19:55	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 19:55	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 19:55	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 19:55	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 19:55	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 19:55	
Surrogate(s)						
1,2-Dichloroethane-d4	97.7	72-124	%	1.00	01/17/2006 19:55	
Toluene-d8	92.8	72-116	%	1.00	01/17/2006 19:55	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**SB-1-25**	Lab ID:	2006-01-0040 - 20
Sampled:	01/03/2006 14:00	Extracted:	1/17/2006 19:39
Matrix:	Soil	QC Batch#:	2006/01/17-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 19:39	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 19:39	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 19:39	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 19:39	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 19:39	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/17/2006 19:39	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 19:39	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 19:39	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 19:39	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 19:39	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 19:39	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 19:39	
Surrogate(s)						
1,2-Dichloroethane-d4	97.3	72-124	%	1.00	01/17/2006 19:39	
Toluene-d8	89.9	72-116	%	1.00	01/17/2006 19:39	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-2-5**
Sampled: 01/03/2006 14:20
Matrix: Soil

Test(s): 8260B
Lab ID: 2006-01-0040 - 21
Extracted: 1/17/2006 20:01
QC Batch#: 2006/01/17-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 20:01	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 20:01	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 20:01	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 20:01	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 20:01	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/17/2006 20:01	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 20:01	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 20:01	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 20:01	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 20:01	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 20:01	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 20:01	
Surrogate(s)						
1,2-Dichloroethane-d4	98.5	72-124	%	1.00	01/17/2006 20:01	
Toluene-d8	91.4	72-116	%	1.00	01/17/2006 20:01	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**SB-2-10**	Lab ID:	2006-01-0040 - 22
Sampled:	01/03/2006 14:30	Extracted:	1/17/2006 20:22
Matrix:	Soil	QC Batch#:	2006/01/17-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 20:22	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 20:22	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 20:22	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 20:22	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 20:22	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/17/2006 20:22	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 20:22	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 20:22	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 20:22	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 20:22	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 20:22	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 20:22	
Surrogate(s)						
1,2-Dichloroethane-d4	98.5	72-124	%	1.00	01/17/2006 20:22	
Toluene-d8	94.1	72-116	%	1.00	01/17/2006 20:22	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-2-15**
Sampled: 01/03/2006 14:40
Matrix: Soil

Test(s): 8260B
Lab ID: 2006-01-0040 - 23
Extracted: 1/17/2006 20:44
QC Batch#: 2006/01/17-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 20:44	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 20:44	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 20:44	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 20:44	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 20:44	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/17/2006 20:44	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 20:44	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 20:44	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 20:44	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 20:44	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 20:44	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 20:44	
Surrogate(s)						
1,2-Dichloroethane-d4	100.2	72-124	%	1.00	01/17/2006 20:44	
Toluene-d8	91.1	72-116	%	1.00	01/17/2006 20:44	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**SB-2-20**	Lab ID:	2006-01-0040 - 24
Sampled:	01/03/2006 14:50	Extracted:	1/17/2006 21:05
Matrix:	Soil	QC Batch#:	2006/01/17-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 21:05	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 21:05	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 21:05	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 21:05	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 21:05	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/17/2006 21:05	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 21:05	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 21:05	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 21:05	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 21:05	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 21:05	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 21:05	
Surrogate(s)						
1,2-Dichloroethane-d4	94.8	72-124	%	1.00	01/17/2006 21:05	
Toluene-d8	90.2	72-116	%	1.00	01/17/2006 21:05	

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

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

Sample ID: **SB-4-10**
Lab ID: 2006-01-0040 - 27

Sampled: 01/03/2006 15:30
Extracted: 1/17/2006 20:21

Matrix: Soil
QC Batch#: 2006/01/17-1A.62

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	5.4	5.0	mg/Kg	4.95	01/17/2006 20:21	
Benzene	ND	0.025	mg/Kg	4.95	01/17/2006 20:21	
Toluene	ND	0.025	mg/Kg	4.95	01/17/2006 20:21	
Ethyl benzene	ND	0.025	mg/Kg	4.95	01/17/2006 20:21	
Total xylenes	ND	0.025	mg/Kg	4.95	01/17/2006 20:21	
tert-Butyl alcohol (TBA)	0.092	0.050	mg/Kg	4.95	01/17/2006 20:21	
Methyl tert-butyl ether (MTBE)	ND	0.025	mg/Kg	4.95	01/17/2006 20:21	
Di-isopropyl Ether (DIPE)	ND	0.050	mg/Kg	4.95	01/17/2006 20:21	
Ethyl tert-butyl ether (ETBE)	ND	0.025	mg/Kg	4.95	01/17/2006 20:21	
tert-Amyl methyl ether (TAME)	ND	0.025	mg/Kg	4.95	01/17/2006 20:21	
1,2-DCA	ND	0.025	mg/Kg	4.95	01/17/2006 20:21	
EDB	ND	0.025	mg/Kg	4.95	01/17/2006 20:21	
Surrogate(s)						
1,2-Dichloroethane-d4	90.2	72-124	%	4.95	01/17/2006 20:21	
Toluene-d8	88.3	72-116	%	4.95	01/17/2006 20:21	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-4-15**
Sampled: 01/03/2006 15:40
Matrix: Soil

Test(s): 8260B
Lab ID: 2006-01-0040 - 28
Extracted: 1/17/2006 21:27
QC Batch#: 2006/01/17-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 21:27	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 21:27	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 21:27	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 21:27	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 21:27	
tert-Butyl alcohol (TBA)	0.030	0.010	mg/Kg	1.00	01/17/2006 21:27	
Methyl tert-butyl ether (MTBE)	0.13	0.0050	mg/Kg	1.00	01/17/2006 21:27	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 21:27	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 21:27	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 21:27	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 21:27	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 21:27	
Surrogate(s)						
1,2-Dichloroethane-d4	96.4	72-124	%	1.00	01/17/2006 21:27	
Toluene-d8	93.1	72-116	%	1.00	01/17/2006 21:27	

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**SB-4-20**	Lab ID:	2006-01-0040 - 29
Sampled:	01/03/2006 15:50	Extracted:	1/17/2006 21:49
Matrix:	Soil	QC Batch#:	2006/01/17-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 21:49	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 21:49	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 21:49	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 21:49	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 21:49	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/17/2006 21:49	
Methyl tert-butyl ether (MTBE)	0.0053	0.0050	mg/Kg	1.00	01/17/2006 21:49	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 21:49	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 21:49	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 21:49	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 21:49	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 21:49	
Surrogate(s)						
1,2-Dichloroethane-d4	92.6	72-124	%	1.00	01/17/2006 21:49	
Toluene-d8	90.5	72-116	%	1.00	01/17/2006 21:49	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Test(s): 8260B
Sample ID: **SB-7-5**
Lab ID: 2006-01-0040 - 33
Sampled: 01/04/2006 14:00
Extracted: 1/17/2006 23:58
Matrix: Soil
QC Batch#: 2006/01/17-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/17/2006 23:58	
Benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 23:58	
Toluene	ND	0.0050	mg/Kg	1.00	01/17/2006 23:58	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/17/2006 23:58	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/17/2006 23:58	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/17/2006 23:58	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 23:58	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/17/2006 23:58	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/17/2006 23:58	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/17/2006 23:58	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/17/2006 23:58	
EDB	ND	0.0050	mg/Kg	1.00	01/17/2006 23:58	
Surrogate(s)						
1,2-Dichloroethane-d4	100.4	72-124	%	1.00	01/17/2006 23:58	
Toluene-d8	91.4	72-116	%	1.00	01/17/2006 23:58	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**SB-7-10**	Lab ID:	2006-01-0040 - 34
Sampled:	01/04/2006 14:10	Extracted:	1/18/2006 00:20
Matrix:	Soil	QC Batch#:	2006/01/17-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/18/2006 00:20	
Benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 00:20	
Toluene	ND	0.0050	mg/Kg	1.00	01/18/2006 00:20	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 00:20	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/18/2006 00:20	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/18/2006 00:20	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	01/18/2006 00:20	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/18/2006 00:20	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/18/2006 00:20	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/18/2006 00:20	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/18/2006 00:20	
EDB	ND	0.0050	mg/Kg	1.00	01/18/2006 00:20	
Surrogate(s)						
1,2-Dichloroethane-d4	97.3	72-124	%	1.00	01/18/2006 00:20	
Toluene-d8	90.7	72-116	%	1.00	01/18/2006 00:20	

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-7-15**
Sampled: 01/04/2006 14:20
Matrix: Soil

Test(s): 8260B
Lab ID: 2006-01-0040 - 35
Extracted: 1/18/2006 00:42
QC Batch#: 2006/01/17-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/18/2006 00:42	
Benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 00:42	
Toluene	ND	0.0050	mg/Kg	1.00	01/18/2006 00:42	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 00:42	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/18/2006 00:42	
tert-Butyl alcohol (TBA)	0.32	0.010	mg/Kg	1.00	01/18/2006 00:42	
Methyl tert-butyl ether (MTBE)	0.026	0.0050	mg/Kg	1.00	01/18/2006 00:42	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/18/2006 00:42	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/18/2006 00:42	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/18/2006 00:42	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/18/2006 00:42	
EDB	ND	0.0050	mg/Kg	1.00	01/18/2006 00:42	
Surrogate(s)						
1,2-Dichloroethane-d4	98.0	72-124	%	1.00	01/18/2006 00:42	
Toluene-d8	93.2	72-116	%	1.00	01/18/2006 00:42	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-7-20**
Sampled: 01/04/2006 14:30
Matrix: Soil

Test(s): 8260B
Lab ID: 2006-01-0040 - 36
Extracted: 1/18/2006 01:06
QC Batch#: 2006/01/17-2A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/18/2006 01:06	
Benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 01:06	
Toluene	ND	0.0050	mg/Kg	1.00	01/18/2006 01:06	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 01:06	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/18/2006 01:06	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/18/2006 01:06	
Methyl tert-butyl ether (MTBE)	0.035	0.0050	mg/Kg	1.00	01/18/2006 01:06	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/18/2006 01:06	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/18/2006 01:06	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/18/2006 01:06	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/18/2006 01:06	
EDB	ND	0.0050	mg/Kg	1.00	01/18/2006 01:06	
Surrogate(s)						
1,2-Dichloroethane-d4	97.7	72-124	%	1.00	01/18/2006 01:06	
Toluene-d8	94.8	72-116	%	1.00	01/18/2006 01:06	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-7-25**
Sampled: 01/04/2006 14:40
Matrix: Soil

Test(s): 8260B
Lab ID: 2006-01-0040 - 37
Extracted: 1/18/2006 01:33
QC Batch#: 2006/01/17-2A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/18/2006 01:33	
Benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 01:33	
Toluene	ND	0.0050	mg/Kg	1.00	01/18/2006 01:33	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 01:33	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/18/2006 01:33	
tert-Butyl alcohol (TBA)	0.032	0.010	mg/Kg	1.00	01/18/2006 01:33	
Methyl tert-butyl ether (MTBE)	0.030	0.0050	mg/Kg	1.00	01/18/2006 01:33	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/18/2006 01:33	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/18/2006 01:33	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/18/2006 01:33	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/18/2006 01:33	
EDB	ND	0.0050	mg/Kg	1.00	01/18/2006 01:33	
Surrogate(s)						
1,2-Dichloroethane-d4	101.0	72-124	%	1.00	01/18/2006 01:33	
Toluene-d8	90.5	72-116	%	1.00	01/18/2006 01:33	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-7-30**
Sampled: 01/04/2006 14:50
Matrix: Soil

Test(s): 8260B
Lab ID: 2006-01-0040 - 38
Extracted: 1/18/2006 02:00
QC Batch#: 2006/01/17-2A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/18/2006 02:00	
Benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 02:00	
Toluene	ND	0.0050	mg/Kg	1.00	01/18/2006 02:00	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 02:00	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/18/2006 02:00	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/18/2006 02:00	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	01/18/2006 02:00	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/18/2006 02:00	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/18/2006 02:00	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/18/2006 02:00	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/18/2006 02:00	
EDB	ND	0.0050	mg/Kg	1.00	01/18/2006 02:00	
Surrogate(s)						
1,2-Dichloroethane-d4	97.4	72-124	%	1.00	01/18/2006 02:00	
Toluene-d8	91.3	72-116	%	1.00	01/18/2006 02:00	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-7-35**
Sampled: 01/04/2006 15:00
Matrix: Soil

Test(s): 8260B
Lab ID: 2006-01-0040 - 39
Extracted: 1/18/2006 02:26
QC Batch#: 2006/01/17-2A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/18/2006 02:26	
Benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 02:26	
Toluene	ND	0.0050	mg/Kg	1.00	01/18/2006 02:26	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 02:26	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/18/2006 02:26	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/18/2006 02:26	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	01/18/2006 02:26	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/18/2006 02:26	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/18/2006 02:26	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/18/2006 02:26	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/18/2006 02:26	
EDB	ND	0.0050	mg/Kg	1.00	01/18/2006 02:26	
Surrogate(s)						
1,2-Dichloroethane-d4	104.7	72-124	%	1.00	01/18/2006 02:26	
Toluene-d8	84.6	72-116	%	1.00	01/18/2006 02:26	

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

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

Sample ID: **SB-8-5**
Lab ID: 2006-01-0040 - 41

Sampled: 01/04/2006 09:45
Extracted: 1/18/2006 02:53

Matrix: Soil
QC Batch#: 2006/01/17-2A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/18/2006 02:53	
Benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 02:53	
Toluene	ND	0.0050	mg/Kg	1.00	01/18/2006 02:53	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 02:53	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/18/2006 02:53	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/18/2006 02:53	
Methyl tert-butyl ether (MTBE)	0.0054	0.0050	mg/Kg	1.00	01/18/2006 02:53	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/18/2006 02:53	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/18/2006 02:53	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/18/2006 02:53	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/18/2006 02:53	
EDB	ND	0.0050	mg/Kg	1.00	01/18/2006 02:53	
Surrogate(s)						
1,2-Dichloroethane-d4	101.3	72-124	%	1.00	01/18/2006 02:53	
Toluene-d8	88.5	72-116	%	1.00	01/18/2006 02:53	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-8-10**
Sampled: 01/04/2006 09:55
Matrix: Soil

Test(s): 8260B
Lab ID: 2006-01-0040 - 42
Extracted: 1/18/2006 03:19
QC Batch#: 2006/01/17-2A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/18/2006 03:19	
Benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 03:19	
Toluene	ND	0.0050	mg/Kg	1.00	01/18/2006 03:19	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 03:19	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/18/2006 03:19	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/18/2006 03:19	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	01/18/2006 03:19	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/18/2006 03:19	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/18/2006 03:19	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/18/2006 03:19	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/18/2006 03:19	
EDB	ND	0.0050	mg/Kg	1.00	01/18/2006 03:19	
Surrogate(s)						
1,2-Dichloroethane-d4	106.0	72-124	%	1.00	01/18/2006 03:19	
Toluene-d8	87.6	72-116	%	1.00	01/18/2006 03:19	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-8-15**
Sampled: 01/04/2006 10:05
Matrix: Soil

Test(s): 8260B
Lab ID: 2006-01-0040 - 43
Extracted: 1/18/2006 03:46
QC Batch#: 2006/01/17-2A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/18/2006 03:46	
Benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 03:46	
Toluene	ND	0.0050	mg/Kg	1.00	01/18/2006 03:46	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 03:46	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/18/2006 03:46	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	01/18/2006 03:46	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	01/18/2006 03:46	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/18/2006 03:46	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/18/2006 03:46	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/18/2006 03:46	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/18/2006 03:46	
EDB	ND	0.0050	mg/Kg	1.00	01/18/2006 03:46	
Surrogate(s)						
1,2-Dichloroethane-d4	97.3	72-124	%	1.00	01/18/2006 03:46	
Toluene-d8	91.0	72-116	%	1.00	01/18/2006 03:46	

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

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

Sample ID: **SB-8-20**
Lab ID: 2006-01-0040 - 44

Sampled: 01/04/2006 10:15
Extracted: 1/18/2006 04:12

Matrix: Soil
QC Batch#: 2006/01/17-2A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/18/2006 04:12	
Benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 04:12	
Toluene	ND	0.0050	mg/Kg	1.00	01/18/2006 04:12	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 04:12	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/18/2006 04:12	
tert-Butyl alcohol (TBA)	0.17	0.010	mg/Kg	1.00	01/18/2006 04:12	
Methyl tert-butyl ether (MTBE)	0.65	0.0050	mg/Kg	1.00	01/18/2006 04:12	J3
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/18/2006 04:12	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/18/2006 04:12	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/18/2006 04:12	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/18/2006 04:12	
EDB	ND	0.0050	mg/Kg	1.00	01/18/2006 04:12	
Surrogate(s)						
1,2-Dichloroethane-d4	91.2	72-124	%	1.00	01/18/2006 04:12	
Toluene-d8	93.5	72-116	%	1.00	01/18/2006 04:12	

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**SB-8-25**	Lab ID:	2006-01-0040 - 45
Sampled:	01/04/2006 10:25	Extracted:	1/18/2006 04:39
Matrix:	Soil	QC Batch#:	2006/01/17-2A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/18/2006 04:39	
Benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 04:39	
Toluene	ND	0.0050	mg/Kg	1.00	01/18/2006 04:39	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 04:39	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/18/2006 04:39	
tert-Butyl alcohol (TBA)	0.017	0.010	mg/Kg	1.00	01/18/2006 04:39	
Methyl tert-butyl ether (MTBE)	0.54	0.0050	mg/Kg	1.00	01/18/2006 04:39	J3
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/18/2006 04:39	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/18/2006 04:39	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/18/2006 04:39	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/18/2006 04:39	
EDB	ND	0.0050	mg/Kg	1.00	01/18/2006 04:39	
Surrogate(s)						
1,2-Dichloroethane-d4	104.7	72-124	%	1.00	01/18/2006 04:39	
Toluene-d8	88.5	72-116	%	1.00	01/18/2006 04:39	

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s): 5030B
Sample ID: **SB-8-30**
Sampled: 01/04/2006 10:35
Matrix: Soil

Test(s): 8260B
Lab ID: 2006-01-0040 - 46
Extracted: 1/18/2006 00:40
QC Batch#: 2006/01/17-2A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/18/2006 00:40	
Benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 00:40	
Toluene	ND	0.0050	mg/Kg	1.00	01/18/2006 00:40	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 00:40	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/18/2006 00:40	
tert-Butyl alcohol (TBA)	0.034	0.010	mg/Kg	1.00	01/18/2006 00:40	
Methyl tert-butyl ether (MTBE)	0.42	0.0050	mg/Kg	1.00	01/18/2006 00:40	J3
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/18/2006 00:40	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/18/2006 00:40	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/18/2006 00:40	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/18/2006 00:40	
EDB	ND	0.0050	mg/Kg	1.00	01/18/2006 00:40	
Surrogate(s)						
1,2-Dichloroethane-d4	101.3	72-124	%	1.00	01/18/2006 00:40	
Toluene-d8	91.9	72-116	%	1.00	01/18/2006 00:40	

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**SB-8-35**	Lab ID:	2006-01-0040 - 47
Sampled:	01/04/2006 10:45	Extracted:	1/18/2006 05:05
Matrix:	Soil	QC Batch#:	2006/01/17-2A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	01/18/2006 05:05	
Benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 05:05	
Toluene	ND	0.0050	mg/Kg	1.00	01/18/2006 05:05	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	01/18/2006 05:05	
Total xylenes	ND	0.0050	mg/Kg	1.00	01/18/2006 05:05	
tert-Butyl alcohol (TBA)	0.027	0.010	mg/Kg	1.00	01/18/2006 05:05	
Methyl tert-butyl ether (MTBE)	0.44	0.0050	mg/Kg	1.00	01/18/2006 05:05	J3
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	01/18/2006 05:05	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	01/18/2006 05:05	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	01/18/2006 05:05	
1,2-DCA	ND	0.0050	mg/Kg	1.00	01/18/2006 05:05	
EDB	ND	0.0050	mg/Kg	1.00	01/18/2006 05:05	
Surrogate(s)						
1,2-Dichloroethane-d4	89.5	72-124	%	1.00	01/18/2006 05:05	
Toluene-d8	92.4	72-116	%	1.00	01/18/2006 05:05	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2006/01/17-1A.62**

MB: 2006/01/17-1A.62-052 — Date Extracted: 01/17/2006 11:52

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	01/17/2006 11:52	
Gasoline [Shell]	ND	1.0	mg/Kg	01/17/2006 11:52	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	01/17/2006 11:52	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	01/17/2006 11:52	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	01/17/2006 11:52	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	01/17/2006 11:52	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	01/17/2006 11:52	
1,2-DCA	ND	0.0050	mg/Kg	01/17/2006 11:52	
EDB	ND	0.0050	mg/Kg	01/17/2006 11:52	
Benzene	ND	0.0050	mg/Kg	01/17/2006 11:52	
Toluene	ND	0.0050	mg/Kg	01/17/2006 11:52	
Ethyl benzene	ND	0.0050	mg/Kg	01/17/2006 11:52	
Total xylenes	ND	0.0050	mg/Kg	01/17/2006 11:52	
Surrogates(s)					
1,2-Dichloroethane-d4	93.8	72-124	%	01/17/2006 11:52	
Toluene-d8	93.8	72-116	%	01/17/2006 11:52	

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2006/01/17-1A.64**

MB: 2006/01/17-1A.64-029 — Date Extracted: 01/17/2006 17:29

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	01/17/2006 17:29	
Gasoline [Shell]	ND	1.0	mg/Kg	01/17/2006 17:29	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	01/17/2006 17:29	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	01/17/2006 17:29	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	01/17/2006 17:29	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	01/17/2006 17:29	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	01/17/2006 17:29	
1,2-DCA	ND	0.0050	mg/Kg	01/17/2006 17:29	
EDB	ND	0.0050	mg/Kg	01/17/2006 17:29	
Benzene	ND	0.0050	mg/Kg	01/17/2006 17:29	
Toluene	ND	0.0050	mg/Kg	01/17/2006 17:29	
Ethyl benzene	ND	0.0050	mg/Kg	01/17/2006 17:29	
Total xylenes	ND	0.0050	mg/Kg	01/17/2006 17:29	
Surrogates(s)					
1,2-Dichloroethane-d4	91.2	72-124	%	01/17/2006 17:29	
Toluene-d8	89.8	72-116	%	01/17/2006 17:29	

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2006/01/17-2A.62**

MB: 2006/01/17-2A.62-047 — Date Extracted: 01/17/2006 22:47

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	01/17/2006 22:47	
Gasoline [Shell]	ND	1.0	mg/Kg	01/17/2006 22:47	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	01/17/2006 22:47	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	01/17/2006 22:47	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	01/17/2006 22:47	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	01/17/2006 22:47	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	01/17/2006 22:47	
1,2-DCA	ND	0.0050	mg/Kg	01/17/2006 22:47	
EDB	ND	0.0050	mg/Kg	01/17/2006 22:47	
Benzene	ND	0.0050	mg/Kg	01/17/2006 22:47	
Toluene	ND	0.0050	mg/Kg	01/17/2006 22:47	
Ethyl benzene	ND	0.0050	mg/Kg	01/17/2006 22:47	
Total xylenes	ND	0.0050	mg/Kg	01/17/2006 22:47	
Surrogates(s)					
1,2-Dichloroethane-d4	95.0	72-124	%	01/17/2006 22:47	
Toluene-d8	92.2	72-116	%	01/17/2006 22:47	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2006/01/17-1A.62**

LCS 2006/01/17-1A.62-000 Extracted: 01/17/2006 Analyzed: 01/17/2006 11:00
LCSD 2006/01/17-1A.62-026 Extracted: 01/17/2006 Analyzed: 01/17/2006 11:26

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	0.0468	0.0510	0.05	93.6	102.0	8.6	65-165	20		
Benzene	0.0445	0.0534	0.05	89.0	106.8	18.2	69-129	20		
Toluene	0.0437	0.0514	0.05	87.4	102.8	16.2	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	438	417	500	87.6	83.4		72-124			
Toluene-d8	450	458	500	90.0	91.6		72-116			

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2006/01/17-1A.64**

LCS 2006/01/17-1A.64-046 Extracted: 01/17/2006 Analyzed: 01/17/2006 16:46
LCSD 2006/01/17-1A.64-008 Extracted: 01/17/2006 Analyzed: 01/17/2006 17:08

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	0.0546	0.0481	0.05	109.2	96.2	12.7	65-165	20		
Benzene	0.0516	0.0455	0.05	103.2	91.0	12.6	69-129	20		
Toluene	0.0599	0.0535	0.05	119.8	107.0	11.3	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	427	442	500	85.4	88.4		72-124			
Toluene-d8	445	457	500	89.0	91.4		72-116			

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2006/01/17-2A.62**

LCS 2006/01/17-2A.62-054 Extracted: 01/17/2006 Analyzed: 01/17/2006 21:54

LCSD 2006/01/17-2A.62-020 Extracted: 01/17/2006 Analyzed: 01/17/2006 22:20

Compound	Conc.	mg/Kg	Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	0.0538	0.0554	0.05	107.6	110.8	2.9	65-165	20		
Benzene	0.0494	0.0498	0.05	98.8	99.6	0.8	69-129	20		
Toluene	0.0491	0.0509	0.05	98.2	101.8	3.6	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	462	463	500	92.4	92.6		72-124			
Toluene-d8	463	455	500	92.6	91.0		72-116			

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2006/01/17-1A.62**

SB-5-5 >> MS

Lab ID: 2006-01-0040 - 001

MS: 2006/01/17-1A.62-056 Extracted: 01/17/2006 Analyzed: 01/17/2006 12:56

Dilution: 1.00

MSD: 2006/01/17-1A.62-022 Extracted: 01/17/2006 Analyzed: 01/17/2006 13:22

Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	0.0563	0.0568	0.0113	0.049603	90.7	94.5	4.1	65-165	20		
Benzene	0.0451	0.0511	ND	0.049603	90.9	106.1	15.4	69-129	20		
Toluene	0.0446	0.0506	ND	0.049603	89.9	105.0	15.5	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	432	434		500	86.4	86.8		72-124			
Toluene-d8	449	467		500	89.8	93.4		72-116			

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2006/01/17-1A.64**

SB-7-5 >> MS

Lab ID: 2006-01-0040 - 033

MS: 2006/01/17-1A.64-015 Extracted: 01/17/2006 Analyzed: 01/17/2006 23:15

Dilution: 1.00

MSD: 2006/01/17-1A.64-037 Extracted: 01/17/2006 Analyzed: 01/17/2006 23:37

Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	0.0559	0.0524	ND	0.048076	116.3	104.8	10.4	65-165	20		
Benzene	0.0485	0.0461	ND	0.048076	100.9	92.2	9.0	69-129	20		
Toluene	0.0549	0.0544	ND	0.048076	114.2	108.8	4.8	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	483	443		500	96.6	88.6		72-124			
Toluene-d8	460	453		500	92.0	90.6		72-116			

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:04

Site: 3600 Park Blvd, Oakland, CA

Legend and Notes

Sample Comment

Lab ID: 2006-01-0040 -47

Confirmed results by re-analysis

Analysis Flag

L2

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

Result Flag

J3

Estimated value. The concentration exceeded the calibration of analysis.

LAB: Test America (STL) Other______

Lab Identification (if necessary)

- [ ] TA - Irvine, California
- [ ] TA - Morgan Hill, California
- [ ] TA - Nashville, Tennessee
- [ ] STL
- [ ] Other (location)

SHELL Chain Of Custody Record

Shell Project Manager to be invoiced:

- [x] ENVIRONMENTAL SERVICES
- [ ] TECHNICAL SERVICES
- [ ] CRMT HOUSTON
- [ ] NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

Denis Brown

2006-01-0040

INCIDENT NUMBER (ES ONLY): 9 8 9 9 5 7 4 7

SAP or CRMT NUMBER (TS/CRMT): 1 3 5 6 8 9

DATE: 1/5/06

PAGE: 1 of 5

300013

SAMPLING COMPANY: Cambria Environmental Technology, Inc.	LOG CODE: CETO	SITE ADDRESS: 3600 Park Blvd, Oakland, CA	State: CA
			GLOBAL ID NO.: T0600115417
ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608		EDF DELIVERABLE TO (Responsible Party or Designee): shell.em.edf@cambria-env.com	PHONE NO.: (510) 420-0700
		E-MAIL: shell.em.edf@cambria-env.com	CONSULTANT PROJECT NO.: 247-0937-006
PROJECT CONTACT (Hardcopy or PDF Report to): David Gibbs/ Stewart Dalie		SAMPLER NAME(S) (Print): Stu Dalie	LAB USE ONLY
TELEPHONE: (510) 420-3363	FAX: (510) 420-9170	E-MAIL: dgibbs@cambria-env.com	

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

[ ] LA - RWQCB REPORT FORMAT [ ] UST AGENCY: ______

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

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

Please cc lab results to dgibbs@cambria-env.com and sdalie@cambria-env.com

H2O - samples - 4 no preserve VOA's
4 HCl VOAs per/sample

RECEIPT VERIFICATION REQUESTED [x]

REQUESTED ANALYSIS

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

TEMPERATURE ON RECEIPT C°: 2

LAB USE ONLY	Field Sample Identification	DATE	TIME	MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	1,2 dibromomethane						Field Notes
1	SB-5-5	1/5/6	920	Soil	1	X		X	X						X	X			X						SB-5
2	SB-5-10	↓	930	Soil	1	X		X	X						X	X			X						SB-5
3	SB-5-10.5W	↓	945	H2O	8 VOA	X		X	X						X	X			4						SB-5
4	SB-3-5		10	Soil	1	X		X	X						X	X			X						SB-3
5	SB-3-10		1020	Soil	1	X		X	X						X	X			X						SB-3
6	SB-3-[illegible]W	↓	11	H2O	8 VOA	X		X	X						X	X			X						SB-3
7	SB-6-5		1120	Soil	1	X		X	X						X	X			X						SB-6
8	SB-6-10		1140	Soil	1	X		X	X						X	X			X						SB-6
9	SB-6-15		1150	"	1	X		X	X						X	X			X						SB-6 CON'T on pg-2
10	SB-6-20	↓	1200	"	1	X		X	X						X	X			X						SB-6 CON'T on pg-2

Relinquished by (Signature)	Received by (Signature)	Date	Time
[signature]	[signature]	1/5/6	
[signature]	[signature]	1/5/06	1704
[signature] 1/5/06	[signature]	1/5/06	1900

05/2/06 Revision

LAB: Test America (STL) Other______

Lab Identification (if necessary)

- [ ] TA - Irvine, California
- [ ] TA - Morgan Hill, California
- [ ] TA - Nashville, Tennessee
- [ ] STL
- [ ] Other (location) ______

SHELL Chain Of Custody Record

Shell Project Manager to be invoiced:

- [x] ENVIRONMENTAL SERVICES
- [ ] TECHNICAL SERVICES
- [ ] CRMT HOUSTON

Denis Brown

2006-01-0040

[ ] NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

INCIDENT NUMBER (ES ONLY): 9 8 9 9 5 7 4 7

SAP or CRMT NUMBER (TS/CRMT): [redacted] 1 3 5 6 8 9

DATE: 1/5/06

PAGE: 2 of 5

300017

Sampling Company: Cambria Environmental Technology, Inc.	Log Code: CETO	SITE ADDRESS: 3600 Park Blvd, Oakland, CA; State: CA; Global ID No: T0600115417
Address: 5900 Hollis Street, Suite A, Emeryville, CA 94608		EDF Deliverable To: shell.em.edf@cambria-env.com; Phone No: (510) 420-0700; Email: shell.em.edf@cambria-env.com; Consultant Project No: 247-0937-008
Project Contact: David Gibbs/ Stewart Dalie		SAMPLER NAME(S) (Print): Stu Dalie
Telephone: (510) 420-3363	Fax: (510) 420-9170	Email: dgibbs@cambria-env.com

LAB USE ONLY

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

[ ] LA - RWQCB REPORT FORMAT [ ] UST AGENCY: ______

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

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

Please cc lab results to dgibbs@cambria-env.com and sdalie@cambria-env.com

each H2O sample has 4 HCl VOA
4 non preserve VOA

RECEIPT VERIFICATION REQUESTED [x]

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 (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	1,2 dibromoethene	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
11	SB-6-25	1/3/6	1215	Soil	1	X		X	X						X	X			X	SB-6 con't from pg 1
12	SB-6-30	↓	1225	↓	↓	↓		↓	↓						↓	↓			↓	
13	SB-6-35	↓	1240	↓	↓	↓		↓	↓						↓	↓			↓	
14	SB-6-39.5	↓	1250	↓	↓	↓		↓	↓						↓	↓			↓	
15	SB-6-25W	↓	100	H2O	8 VOA	↓		↓	↓						↓	↓			↓	
16	SB-1-5	↓	120	Soil	1	↓		↓	↓						↓	↓			↓	
17	SB-1-10	↓	120	↓	1	↓		↓	↓						↓	↓			↓	SB-1
18	SB-1-15	↓	140	↓	1	↓		↓	↓						↓	↓			↓	
19	SB-1-20	↓	150	↓	1	↓		↓	↓						↓	↓			↓	
20	SB-1-25	↓	200	↓	1	↓		↓	↓						↓	↓			↓	con't on pg 4

TEMPERATURE ON RECEIPT C°: 2

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
[signature]	[signature]	1/5/06	5
[signature]	[signature]	1/5/06	1705
[signature] 1/5/06	[signature]	1/5/06	1900

10/16/05 Revision

DAQ Graphic (714) 898-9700

LAB: Test America (STL) Other________

Lab Identification (if necessary):

- [ ] TA - Irvine, California
- [ ] TA - Morgan Hill, California
- [ ] TA - Nashville, Tennessee
- [ ] STL
- [ ] Other (location)

SHELL Chain Of Custody Record

Shell Project Manager to be invoiced:

- [x] ENVIRONMENTAL SERVICES
- [ ] TECHNICAL SERVICES
- [ ] CRMT HOUSTON
- [ ] NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

Denis Brown

2006-01-0040

INCIDENT NUMBER (ES ONLY): 9 8 9 9 5 7 4 7

SAP or CRMT NUMBER (TS/CRMT): [redacted] 1 3 5 6 8 9

DATE: 1/5/06

PAGE: 3 of 5

300013

SAMPLING COMPANY: Cambria Environmental Technology, Inc.	LOG CODE: CETO
SITE ADDRESS: 3600 Park Blvd. Oakland, CA	State: CA
GLOBAL ID NO.: T0600115417	
ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608	
EDF DELIVERABLE TO: shell.em.edf@cambria-env.com	PHONE NO.: (510) 420-0700
E-MAIL: shell.em.edf@cambria-env.com	CONSULTANT PROJECT NO.: 247-0937-008
PROJECT CONTACT (Hardcopy or PDF Report to): David Gibbs/ Stewart Dalle	SAMPLER NAME(S) (Print): Stu Dalie
TELEPHONE: (510) 420-3363	FAX: (510) 420-9170
E-MAIL: dgibbs@cambria-env.com	LAB USE ONLY

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

[ ] LA - RWQCB REPORT FORMAT [ ] UST AGENCY: ______

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

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

Please cc lab results to dgibbs@cambria-env.com and sdalle@cambria-env.com

RECEIPT VERIFICATION REQUESTED [x]

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	DATE	TIME	MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	1,2 DCA volumetric						FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
21	SB-2-5	1/5/6	220	Soil	1	X		X	X						X	X			X						SB-2
22	SB-2-10		230																						
23	SB-2-15		240																						
24	SB-2-20		250																						
25	SB-2-23W		300	H2O	8 VOA																				
26	SB-4-5		320	Soil	1																				SB-4
27	SB-4-10		330		1																				
28	SB-4-15		340		1																				
29	SB-4-20		350		1																				
30	SB-4 25		400		1																				

TEMPERATURE ON RECEIPT °C: 2

Relinquished by (Signature)	Received by (Signature)	Date	Time
[signature]	[signature]	1/5/6	5
[signature]	[signature]	1/5/06	1707
[signature] 1/5/06	[signature]	1/5/06	1900

LAB: Test America (STL) Other______

Lab Identification (if necessary)
- [ ] TA - Irvine, California
- [ ] TA - Morgan Hill, California
- [ ] TA - Nashville, Tennessee
- [ ] STL
- [ ] Other (location)

SHELL Chain Of Custody Record

Shell Project Manager to be invoiced:
- [x] ENVIRONMENTAL SERVICES
- [ ] TECHNICAL SERVICES
- [ ] CRMT HOUSTON
- [ ] NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

Denis Brown

2006-01-0040

INCIDENT NUMBER (ES ONLY): 9 8 9 9 5 7 4 7

SAP or CRMT NUMBER (TS/CRMT): [redacted] 1 3 5 6 8 9

DATE: 1/ 5 /06

PAGE: 4 of 5

300013

SAMPLING COMPANY: Cambria Environmental Technology, Inc.	LOG CODE: CETO
ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608	
PROJECT CONTACT (Hardcopy or PDF Report to): David Gibbs/ Stewart Dalie	
TELEPHONE: (510) 420-3363	FAX: (510) 420-9170
E-MAIL: dgibbs@cambria-env.com	

SITE ADDRESS: 3600 Park Blvd, Oakland, CA | State: CA | GLOBAL ID NO.: T0600115417

EDF DELIVERABLE TO (Responsible Party or Designee): shell.em.edf@cambria-env.com | PHONE NO.: (510) 420-0700 | E-MAIL: shell.em.edf@cambria-env.com | CONSULTANT PROJECT NO.: 247-0937-008

SAMPLER NAME(S) (Print): Stu Dalie

LAB USE ONLY

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

[ ] LA - RWQCB REPORT FORMAT [ ] UST AGENCY:

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

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

Please cc lab results to dgibbs@cambria-env.com and sdalie@cambria-env.com

4 VOA w/ HCl
4 VOA w/ no preserve

RECEIPT VERIFICATION REQUESTED [x]

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	DATE	TIME	MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	1,2 dibromoethane						FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
31	SB-4-~~24~~W	1/5/6	4^10	H2O	8 VOA	X		X	X						X	X			X						— SB-4
32	SB-1-25W	1/4/6	9^00	H2O	8 VOA	X		X	X						X	X			X						— SB-1
33	SB-7-5		2	Soil	1																				SB-7
34	SB-7-10		2^10																						
35	SB-7-15		2^20																						
36	SB-7-20		2^30																						
37	SB-7-25		2^40																						
38	SB-7-30		2^50																						
39	SB-7-35		3^00																						
40	SB-7-29W		3^30	H2O	8 VOA																				

field PT ID's

TEMPERATURE ON RECEIPT C°: Don't freeze 3 / freeze 2

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
[signature]	[signature]	1/5/6	5
[signature]	[signature]	1/6/06	1700
[signature] 1/5/06	[signature]	1/5/06	1900

10/16/05 Revision

LAB: Test America (STL) Other ______

Lab Identification (if necessary)

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

SHELL Chain Of Custody Record

Shell Project Manager to be invoiced: Denis Brown

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

2006-01-0040

INCIDENT NUMBER (ES ONLY): 9 8 9 9 5 7 4 7

SAP or CRMT NUMBER (TS/CRMT): 1 3 5 6 8 9

DATE: 1/ 5 /06

PAGE: 5 of 5

300013

SAMPLING COMPANY	Cambria Environmental Technology, Inc.
LOG CODE	CETO
ADDRESS	5900 Hollis Street, Suite A, Emeryville, CA 94608
PROJECT CONTACT (Hardcopy or PDF Report to)	David Gibbs/ Stewart Dalie
TELEPHONE	(510) 420-3363
FAX	(510) 420-9170
E-MAIL	dgibbs@cambria-env.com
SITE ADDRESS	3600 Park Blvd, Oakland, CA
State	CA
GLOBAL ID NO.	T0600115417
EDF DELIVERABLE TO	shell.em.edf@cambria-env.com
PHONE NO.	(510) 420-0700
E-MAIL	shell.em.edf@cambria-env.com
CONSULTANT PROJECT NO.	247-0937-000
SAMPLER NAME(S) (Print)	Stu Dalie

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 ☐

Please cc lab results to dgibbs@cambria-env.com and sdalie@cambria-env.com

RECEIPT VERIFICATION REQUESTED ☑

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	DATE	TIME	MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	1,2 dibromomethane						FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
41	SB-8-5	1/4/06	945	Soil	1	x		x	x					x	x				x						
42	SB-8-10		955			x		x	x					x	x				x						
43	SB-8-15		1005			x		x	x					x	x				x						
44	SB-8-20		1015			x		x	x					x	x				x						
45	SB-8-25		1025			x		x	x					x	x				x						
46	SB-8-30		1035			x		x	x					x	x				x						
47	SB-8-35		1045			x		x	x					x	x				x						
48	SB-8[redacted]		[redacted]245	H_2O	8 VOA	x		x	x					x	x				x						
49	SB-8-32W	✓	1050	H_2O	8 VOA	x		x	x					x	x				x						

TEMPERATURE ON RECEIPT C°: 2

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
[signature]	[signature]	1/5/06	5
[signature]	[signature]	1/5/06	1725
[signature] 1/5/06	[signature]	1/5/06	1900

11/18/05 Revision

SEVERN TRENT STL

Submission#: 2006-01-0037

Cambria Environmental Emeryville

January 23, 2006

5900 Hollis Street, Ste. A
Emeryville, CA 94608

Attn.: David Gibbs

Project#: 247-0937-008
Project: 98995747
Site: 3600 Park Blvd, Oakland, CA

Attached is our report for your samples received on 01/05/2006 17:00
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 02/19/2006 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions,

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

Sincerely,

Melissa Brewer

Melissa Brewer
Project Manager

SEVERN TRENT STL

Submission: 2006-01-0037

Total Lead

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:00

Site: 3600 Park Blvd, Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SP-1	01/05/2006 15:00	Soil	1

Total Lead

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:00

Site: 3600 Park Blvd, Oakland, CA

Prep(s):	3050B	Test(s):	6010B
Sample ID:	**SP-1**	Lab ID:	2006-01-0037 - 1
Sampled:	01/05/2006 15:00	Extracted:	1/9/2006 15:31
Matrix:	Soil	QC Batch#:	2006/01/09-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	5.6	1.0	mg/Kg	1.00	01/10/2006 09:42	

Total Lead

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:00

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 3050B
Method Blank

Soil

Test(s): 6010B
QC Batch # 2006/01/09-02.15

MB: 2006/01/09-02.15-001

Date Extracted: 01/09/2006 15:31

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	1.0	mg/Kg	01/10/2006 09:19	

Total Lead

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:00

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike **Soil** **QC Batch # 2006/01/09-02.15**

LCS 2006/01/09-02.15-002 Extracted: 01/09/2006 Analyzed: 01/10/2006 09:22
LCSD 2006/01/09-02.15-003 Extracted: 01/09/2006 Analyzed: 01/10/2006 09:26

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Lead	93.1	93.6	100.0	93.1	93.6	0.5	80-120	20		

SEVERN TRENT STL

Submission: 2006-01-0037

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:00

Site: 3600 Park Blvd, Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SP-1	01/05/2006 15:00	Soil	1

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:00

Site: 3600 Park Blvd, Oakland, CA

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

Sample ID: **SP-1**
Lab ID: 2006-01-0037 - 1

Sampled: 01/05/2006 15:00
Extracted: 1/18/2006 23:18

Matrix: Soil
QC Batch#: 2006/01/18-1A.62

Analysis Flag: L1 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	2.0	mg/Kg	2.00	01/18/2006 23:18	
Benzene	ND	0.010	mg/Kg	2.00	01/18/2006 23:18	
Toluene	ND	0.010	mg/Kg	2.00	01/18/2006 23:18	
Ethyl benzene	ND	0.010	mg/Kg	2.00	01/18/2006 23:18	
Total xylenes	ND	0.010	mg/Kg	2.00	01/18/2006 23:18	
Surrogate(s)						
1,2-Dichloroethane-d4	94.6	72-124	%	2.00	01/18/2006 23:18	
Toluene-d8	84.7	72-116	%	2.00	01/18/2006 23:18	

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:00

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2006/01/18-1A.62**

MB: 2006/01/18-1A.62-014 — Date Extracted: 01/18/2006 11:14

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	01/18/2006 11:14	
Gasoline [Shell]	ND	1.0	mg/Kg	01/18/2006 11:14	
Benzene	ND	0.0050	mg/Kg	01/18/2006 11:14	
Toluene	ND	0.0050	mg/Kg	01/18/2006 11:14	
Ethyl benzene	ND	0.0050	mg/Kg	01/18/2006 11:14	
Total xylenes	ND	0.0050	mg/Kg	01/18/2006 11:14	
Surrogates(s)					
1,2-Dichloroethane-d4	97.2	72-124	%	01/18/2006 11:14	
Toluene-d8	89.2	72-116	%	01/18/2006 11:14	

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:00

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2006/01/18-1A.62**

LCS 2006/01/18-1A.62-022 Extracted: 01/18/2006 Analyzed: 01/18/2006 10:22

LCSD 2006/01/18-1A.62-048 Extracted: 01/18/2006 Analyzed: 01/18/2006 10:48

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	0.0495	0.0495	0.05	99.0	99.0	0.0	69-129	20		
Toluene	0.0496	0.0496	0.05	99.2	99.2	0.0	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	454	425	500	90.8	85.0		72-124			
Toluene-d8	445	463	500	89.0	92.6		72-116			

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

Cambria Environmental Emeryville
Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:00

Site: 3600 Park Blvd, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2006/01/18-1A.62**

MS/MSD

Lab ID: 2006-01-0039 - 002

MS: 2006/01/18-1A.62-025 Extracted: 01/18/2006 Analyzed: 01/18/2006 14:25
Dilution: 1.00

MSD: 2006/01/18-1A.62-049 Extracted: 01/18/2006 Analyzed: 01/18/2006 14:51
Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	0.0411	0.0441	ND	0.049603	82.9	97.9	16.6	69-129	20		
Toluene	0.0432	0.0424	ND	0.049603	87.1	94.1	7.7	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	421	444		500	84.2	88.8		72-124			
Toluene-d8	441	459		500	88.2	91.8		72-116			

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

Cambria Environmental Emeryville

Attn.: David Gibbs

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3363 Fax: (510) 420-9170

Project: 247-0937-008
98995747

Received: 01/05/2006 17:00

Site: 3600 Park Blvd, Oakland, CA

Legend and Notes

Analysis Flag

L1

Reporting limits raised due to high level of non-target analyte materials.

LAB: Test America ~~BTL~~ Other________

Lab Identification (if necessary)

- [ ] TA - Irvine, California
- [ ] TA - Morgan Hill, California
- [ ] TA - Nashville, Tennessee
- [ ] STL
- [ ] Other (location)________

SHELL Chain Of Custody Record

300020

Shell Project Manager to be invoiced:

- [✓] ENVIRONMENTAL SERVICES
- [ ] TECHNICAL SERVICES
- [ ] CRMT HOUSTON

Denis Brown

2006-01-0037

[ ] NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

INCIDENT NUMBER (ES ONLY): 9 8 9 9 5 7 4 7

SAP or CRMT NUMBER (TS/CRMT): [redacted] 1 3 5 6 8 9

DATE: 1/ 5 /06

PAGE: 1 of 2

SAMPLING COMPANY: Cambria Environmental Technology, Inc.

LOG CODE: CETO

SITE ADDRESS: 3600 Park Blvd, Oakland, CA

State: CA

GLOBAL ID NO.: T0600115417

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

EDF DELIVERABLE TO (Responsible Party or Designee): shell.em.edf@cambria-env.com

PHONE NO.: (510) 420-0700

E-MAIL: shell.em.edf@cambria-env.com

CONSULTANT PROJECT NO.: 247-0937-008

PROJECT CONTACT (Hardcopy or PDF Report to): David Gibbs/ Stewart Dalie

SAMPLER NAME(S) (Print): Stu Dalie

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 [ ]

Please cc lab results to dgibbs@cambria-env.com and sdalie@cambria-env.com

1 4pt comp for disposal

RECEIPT VERIFICATION REQUESTED [✓]

REQUESTED ANALYSIS

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

field pt ID

TEMPERATURE ON RECEIPT C°: 2

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 (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	Test 4 disposal	Ttlc/wet See Attached						FIELD NOTES
	SP-1A	1/5/6	3:00	Soil	1	X		X											X							SP-1
	SP-1B	↓	↓	↓	↓	X		X											X							
	SP-1C	↓	↓	↓	↓	X		X											X							
	SP-1D	↓	↓	↓	↓	X		X											X							

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
[signature]	[signature]	1/5/6	
[signature]	[signature]	1/5/06	1700
[signature] 1/5/06	[signature]	01/05/06	1900

10/16/05 Revision

2006-01-0037

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

RESIDUAL MANAGEMENT PROCEDURE

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

RESIDUAL STREAM: SOIL WITH UNLEADED GASOLINE

VENDOR: ALLIED-BFI

LOCATION: ALLIED WASTE - MANTECA
9999 SOUTH AUSTIN ROAD
MANTECA, CA 95336

CALIFORNIA - TRANSPORTATION AND RETAIL

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

CAM METALS - TTLC METALS - LEAD ONLY
STLC ON ALL TTLC METALS 10 TIMES STLC MAXIMUM
TTLC LEAD > 13 MG/KG REQUIRES ORGANIC LEAD ANALYSIS
IF ANY TTLC TOTAL METAL IS > OR = TO 20 TIMES TCLP REGULATORY LEVELS, TCLP IS REQUIRED

TOTAL PETROLEUM HYDROCARBONS, METHOD 418.1 OR (8015) -- GASOLINE

~~MTBE METHOD 8260B (SCAN)~~

AQUATIC BIOASSAY (FISH TOX) IS ONLY TO BE RUN ON SAMPLES > OR = TO 5000 PPM TPH. AQUATIC BIOASSAY (FISH TOX) = PART 8000 OF STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER (19TH EDITION)

LABORATORY INSTRUCTIONS (MINIMUM GUIDELINES ONLY)
-ALTERNATE APPROVED TEST METHODS FOR SW846 ARE ALSO ACCEPTABLE
-ALL REQUIRED TESTS ON COMPOSITE (max 4:1)
-LABORATORY IS TO SUPPLY QA/QC INFORMATION WITH ALL ANALYTICAL REPORTS
~~-MAIL OR FAX ALL ANALYSIS TO THE CENTRALIZED RESIDUAL MANAGEMENT TEAM~~

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

ATTACHMENT F

Soil Disposal Confirmation

MANLEY & SONS TRUCKING, INC.
DEMO
HAZARDOUS WASTE HAULING
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: 02/07/2006

Consultant Information

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

Site Information

PO #	
Street Address:	3600 Park Boulevard
City, State, ZIP:	Oakland, Ca
Customer:	Shell Oil Company RESA-0023-LDC
RIPR #:	50557
SAP # / Location:	NA
Incident #:	98995747
Location / WIC #:	NA
Environmental Engineer:	Denis Brown
Material Description:	Soil
Estimated Quantity:	~5 cy
Service Requested Date:	ASAP
Disposal Facility:	Forward Landfill
Contact:	Scott
Phone:	800 204-4242
Approval #:	6133
Date of Disposal:	02/09/2006
Actual Tonnage	6.89 tons
Transporter:	Manley & Sons Trucking, Inc.
Contact:	Jennifer Rogers
Phone:	916 381-6864
Fax:	916 381-1573
Invoice:	200602-6
Date of Invoice:	02/13/2006

ATTACHMENT G

Department of Water Resources Well Driller's Completion Reports

ORIGINAL
File with DWR

Page 1 of 3

Owner's Well No. MW-2

Date Work Began 1/4/6 Ended 1/5/6

Local Permit Agency ACPWD

Permit No. W2008-1159/1163 Permit Date 12/5/5

STATE OF CALIFORNIA
WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. 1078854

DWR USE ONLY — DO NOT FILL IN

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)

DRILLING METHOD HSA FLUID N/A

DEPTH FROM SURFACE Ft. to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0 to 30	See attached log

TOTAL DEPTH OF BORING 36 (Feet)

TOTAL DEPTH OF COMPLETED WELL 30 (Feet)

WELL OWNER

Name Shell Oil Products (US)

Mailing Address 20945 Wilmington

Carson CA 90810

CITY STATE ZIP

WELL LOCATION

Address 3600 Park Blvd.

City Oakland

County Alameda

APN Book ___ Page ___ Parcel ___

Township ___ Range ___ Section ___

Lat ___ N Long ___ W (DEG. MIN. SEC.)

LOCATION SKETCH

NORTH / WEST / EAST / SOUTH

See Attached map

Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. **PLEASE BE ACCURATE & COMPLETE.**

ACTIVITY (✓)

X NEW WELL

MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)

___ DESTROY (*Describe Procedures and Materials Under "GEOLOGIC LOG"*)

USES (✓)

WATER SUPPLY
___ Domestic ___ Public
___ Irrigation ___ Industrial

MONITORING X
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER 24 (Ft.) BELOW SURFACE

DEPTH OF STATIC WATER LEVEL 23 (Ft.) & DATE MEASURED 1/3/6 during soil boring pre-const

ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___

TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)

* *May not be representative of a well's long-term yield.*

CASING (S)

DEPTH FROM SURFACE Ft. to Ft.	BORE-HOLE DIA. (Inches)	BLANK	SCREEN	CON-DUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0 to 20	10"	X				PVC	4"	Sch 40	—
20 to 30	10"		X			PVC	4"	Sch 40	.010

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft. to Ft.	CE-MENT (✓)	BEN-TONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0 to 1	X			C/V
1 to 16	X			P 1/11
16 to 18		X		B
18 to 30			X	#2/12 S

ATTACHMENTS (✓)

X Geologic Log
X Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
X Other map

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Gregg S. Drilling
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

450 Howe Rd Martinez CA 94553
ADDRESS CITY STATE ZIP

Signed [signature] 2/16/06 485-165
C-57 LICENSED WATER WELL CONTRACTOR DATE SIGNED C-57 LICENSE NUMBER

ORIGINAL
File with DWR

Page 1 of 3

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. 1078851

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. MW-4
Date Work Began 1/4/6 Ended 1/5/6
Local Permit Agency ACPWA
Permit No. W02005-11591116 Permit Date 12/15/5

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD HSA FLUID N/A

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0	30	See Attached log

TOTAL DEPTH OF BORING 30 (Feet)
TOTAL DEPTH OF COMPLETED WELL 30 (Feet)

WELL OWNER

Name Shell Oil Products (US)
Mailing Address 20945 Wilmington
CITY Carson STATE CA ZIP 90810

WELL LOCATION

Address 3600 Park Blvd
City Oakland
County Alameda
APN Book ___ Page ___ Parcel ___
Township ___ Range ___ Section ___
Lat ___ DEG. ___ MIN. ___ SEC. N
Long ___ DEG. ___ MIN. ___ SEC. W

LOCATION SKETCH

NORTH
WEST
EAST
SOUTH

See Attached Map

*Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. **PLEASE BE ACCURATE & COMPLETE.***

ACTIVITY (✓)

X NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

USES (✓)

WATER SUPPLY
___ Domestic ___ Public
___ Irrigation ___ Industrial
MONITORING X
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER 24 (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL 23.5 (Ft.) & DATE MEASURED 1/12/6
ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
** May not be representative of a well's long-term yield.*

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	20	10"	X				PVC	4"	Sch 40	—
20	30	10"		X			PVC	4"	Sch 40	.010

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	1	X			C/V
1	16	X			P #1
16	18		X		B
18	30			X	#2/12 S

ATTACHMENTS (✓)

X Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
X Soil/Water Chemical Analyses
X Other Map

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Cris Daly
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
ADDRESS 950 Howe Rd CITY Martinez STATE CA ZIP 94553
Signed ___ C-57 LICENSED WATER WELL CONTRACTOR
DATE SIGNED 2/17/6 C-57 LICENSE NUMBER 455165

DWR 188 REV 05-03

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

OSP 03 788

ORIGINAL
File with DWR

Page 1 of 3
Owner's Well No. MW-7
Date Work Began 11/4/6, Ended 11/6/6
Local Permit Agency ACPWA
Permit No. WC2005-1151/1163 Permit Date 12/5/5

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet
No. 1078852

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD HSA FLUID N/A

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0	38	See Attached log

TOTAL DEPTH OF BORING 38 (Feet)
TOTAL DEPTH OF COMPLETED WELL 38 (Feet)

WELL OWNER
Name Shell Oil Products (US)
Mailing Address 20945 Wilmington
CITY Carson STATE CA ZIP 90810

WELL LOCATION
Address 3600 Pier B Blvd
City Oakland
County Alameda
APN Book ___ Page ___ Parcel ___
Township ___ Range ___ Section ___
Lat ___ DEG. ___ MIN. ___ SEC. N
Long ___ DEG. ___ MIN. ___ SEC. W

LOCATION SKETCH
NORTH
See Attached map
WEST EAST
SOUTH
Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. ***PLEASE BE ACCURATE & COMPLETE.***

ACTIVITY (✓)
X NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

USES (✓)
WATER SUPPLY
___ Domestic ___ Public
___ Irrigation ___ Industrial
MONITORING X
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL
DEPTH TO FIRST WATER 35 (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL 34.7 (Ft.) & DATE MEASURED 11/6/6 daily rec'd
ESTIMATED YIELD * ___ (GPM) & TEST TYPE bailer
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
* *May not be representative of a well's long-term yield.*

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	25	10"	X				PVC	4"	Sch 40	—
25	38	10"		X			PVC	4"	Sch 40	.010

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	1	X			CV
1	24	X			#2/12
24	26		X		#3
26	38			X	#2/12 S

ATTACHMENTS (✓)
X Geologic Log
X Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
X Other map
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
NAME Gregg Drilling (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
ADDRESS 950 Howe Rd CITY Martinez STATE CA ZIP 94553
Signed ___ (C-57 LICENSED WATER WELL CONTRACTOR) DATE SIGNED 7/16/6
C-57 LICENSE NUMBER 455185

DWR 188 REV. 05-03 IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM OSP 03 78836

ORIGINAL
File with DWR

Page 1 of 2

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. 1078853

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. MW-8
Date Work Began 1/4/6, Ended 1/6/6
Local Permit Agency ACPWA
Permit No. WC2005-1157/1163 Permit Date 12/5/5

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD HSA FLUID N/A

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0	50	See Attached log

TOTAL DEPTH OF BORING 50 (Feet)
TOTAL DEPTH OF COMPLETED WELL 50 (Feet)

WELL OWNER

Name Shell Oil Products (US)
Mailing Address 20945 Wilmington
City Carson CA 90810
CITY STATE ZIP

WELL LOCATION

Address 3600 Park Blvd
City Oakland
County Alameda
APN Book ___ Page ___ Parcel ___
Township ___ Range ___ Section ___
Lat ___ DEG. ___ MIN. ___ SEC. N
Long ___ DEG. ___ MIN. ___ SEC. W

LOCATION SKETCH

NORTH
See Attached Map
WEST EAST
SOUTH

*Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. **PLEASE BE ACCURATE & COMPLETE.***

ACTIVITY (✓)

X NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

USES (✓)
WATER SUPPLY
___ Domestic ___ Public
___ Irrigation ___ Industrial
MONITORING X
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER 33 (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL 32 (Ft.) & DATE MEASURED 1/4/6 by Cal
ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___ by Cal
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
* *May not be representative of a well's long-term yield.*

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	40	10"	X				PVC	4"	Sch40	—
40	50	10"		X			PVC	4"	Sch40	1010

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	1	X			C/V
1	36	X			P1/11
36	38		X		B
38	50			X	#2/12.5

ATTACHMENTS (✓)

X Geologic Log
X Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
X Other Well

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME George Dooley
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
ADDRESS 950 Howe Rd CITY Martinez STATE CA ZIP 94553
Signed ___ DATE SIGNED 2/16/6
C-57 LICENSED WATER WELL CONTRACTOR
C-57 LICENSE NUMBER 485-165

DWR 188 REV 05-03 IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM OSP 03 788

ATTACHMENT H

Well Survey Report

February 10, 2006
Project No.: 2640-19

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

Subject: Monitoring Well Survey
3600 Park Blvd.
Oakland, CA

Dear Stu:

This is to confirm that we have proceeded at your request to survey the ground water monitoring wells located at the above referenced location. The survey was completed on February 1, 2006. The benchmark for this survey was city monument at the intersection of Grosvenor Place, Excelsior Avenue and Alma Avenue. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone III (NAD83).
Benchmark Elevation = 158.95 (NAVD88)

Latitude	Longitude	Northing	Easting	Elev.	Desc.
				157.50	RIM MW-2
37.8045965	-122.2324168	2120066.14	6061189.20	156.92	TOC MW-2
				155.33	RIM MW-4
37.8046154	-122.2326854	2120074.45	6061111.71	155.00	TOC MW-4
				154.37	RIM MW-7
37.8044258	-122.2327326	2120005.68	6061096.82	154.00	TOC MW-7
				152.86	RIM MW-8
37.8044672	-122.2327998	2120021.13	6061077.67	152.61	TOC MW-8

Sincerely,

Virgil D. Chavez, PLS 6323