Denis L. Brown

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May 30, 2006

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

Re: Subsurface Investigation and Monitoring Well Installation Report
Shell-branded Service Station
230 West MacArthur Boulevard
Oakland, California
SAP Code 135676
Incident No. 98995741
RO 0303

Dear Mr. Wickham:

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

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

Sincerely,

Denis L. Brown
Sr. Environmental Engineer

CAMBRIA

May 30, 2006

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

Re: **Subsurface Investigation and Monitoring Well Installation Report**
Shell-branded Service Station
230 West MacArthur Boulevard
Oakland, California
SAP Code 135676
Incident #98995741
Cambria Project #248-0902-006
RO 00000303

Dear Mr. Wickham:

On behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell), Cambria Environmental Technology, Inc. (Cambria) prepared this report to document the recent subsurface investigation activities at the referenced site. The purpose of the investigation was to vertically profile the site's lithology, to determine the effectiveness of the existing groundwater monitoring network, and to further assess the nature and extent of hydrocarbon impact to soil and groundwater. Cambria attempted to follow the scope of work presented in the January 4, 2006 *Subsurface Investigation Work Plan,* which Alameda County Health Care Services Agency (ACHCSA) approved in a January 20, 2006 letter to Shell. One off-site soil boring and well installation location was not completed because of safety concerns due to underground utilities. In addition, one on-site boring location could not be hand cleared to the required depth or relocated due to utilities. This location was not completed to the proposed depth. Cambria performed the work in accordance with ACHCSA and San Francisco Regional Water Quality Control Board (RWQCB) guidelines.

SITE LOCATION AND BACKGROUND

Site Location: This Shell-branded service station is located on the northern corner of West MacArthur Boulevard and Piedmont Avenue in Oakland, California (Figure 1). Three underground storage tanks (USTs), two dispenser islands, and a kiosk are currently on site

Cambria Environmental Technology, Inc.

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(Figure 2). The neighborhood is primarily commercial and includes Kaiser Hospital. A former Gulf service station, now the Oakland Auto Works auto repair shop, is located northwest and adjacent to the site.

1986 Site Investigation: In April 1986, Emcon Associates of San Jose, California drilled four exploratory borings (S-A through S-D) within the tank complex to total depths of 20.5 feet below grade (fbg). Groundwater was encountered at approximately 13 fbg. Total hydrocarbon concentrations up to 5,700 parts per million (ppm) were detected in soil samples collected at depths ranging from 4 to 15 fbg. The report for this investigation could not be located at the time of this writing. Table 1 presents cumulative soil analytical results.

1986 Additional Site Assessment: In December 1986, W.W. Irwin, Inc. analyzed soil gas vapors from 38 probe locations throughout the site. The highest hydrocarbon concentrations were reported in the area of the tank complex and dispenser islands. Cambria was unable to locate a report of this investigation.

1987 Recovery Well Installation: In March 1987, Wayne Perry Construction, Inc. (Wayne Perry) installed three 4-inch-diameter, 13-foot-deep, soil-vapor recovery wells (VR-1, VR-2, and VR-3). A soil venting system utilizing an activated carbon scrubber operated between April and November 1987. On August 28, 1987, soil borings B-1 and B-2 were advanced to characterize petroleum hydrocarbons remaining in the soil. The maximum total hydrocarbon concentration of 1,870 ppm was detected in boring B-1 at a depth of 8 fbg. In their January 26, 1988 *Review of Venting Operations,* Wayne Perry concluded that the venting operation had significantly decreased the contamination levels.

1987 UST Removal: On November 2, 1987, the USTs were removed, and soil samples were collected in native soil from the bottom of the UST excavation. Hydrocarbon concentrations ranged from 8.6 to 480 ppm, as documented in Kaprealian Associates December 1, 1987 *Soil Sampling Investigation* report. New USTs were installed in the same excavation.

1988 Soil and Groundwater Investigation: On July 11 and 12, 1988, Ensco Environmental Services Inc. (Ensco) of Fremont, California installed three groundwater monitoring wells (MW-1 through MW-3). Soil samples were collected during well installation for laboratory analysis, and total petroleum hydrocarbons as gasoline (TPHg) were detected at a concentration of 278 ppm in the boring for MW-3 at 10 fbg. Ensco's September 30, 1988 *Soil and Groundwater Investigation* report documents this investigation.

1989 Phase II Supplemental Soil Investigation: On August 16, 1989, Ensco advanced three soil borings (SB-1, SB-2, and SB-3) to investigate possible hydrocarbon impacts to soil adjacent to the pump islands. TPHg was detected in boring SB2-3 only, at a concentration of 490 ppm at

15.5 fbg. Benzene was not detected in any soil samples collected during this investigation. Ensco's October 9, 1989 *September Quarterly Report* documents investigation results.

1989 Phase II Shallow Groundwater Survey: On October 10, 1989, Ensco subcontractor NET Pacific of Santa Rosa, California advanced three probes (GS-1, GS-2, and GS-3) to sample the shallow groundwater adjacent to the pump islands. TPHg was detected in samples from GS-2 and GS-3 at concentrations of 5,600 parts per billion (ppb) and 8,800 ppb, respectively. Benzene was detected in samples GS-2 and GS-3 at concentrations of 340 ppb and 380 ppb, respectively. Neither TPHg nor benzene was detected in sample GS-1. Ensco's January 19, 1990, *December Quarterly Report* presents the investigation results.

1990 Well Installation: On January 9, 1990, Ensco drilled one exploratory boring at the site and converted it to monitoring well MW-4. Well MW-4 is screened from 15 to 25 fbg. Ensco's March 29, 1990 *March Quarterly Report* documents the well installation.

1990 Shallow Groundwater Investigation: On May 19, 1990, Exceltech subcontractor CHIPS Environmental Consulting, Inc. advanced six probes (Probe 1 through Probe 6) in the sidewalk along West MacArthur Boulevard and collected shallow groundwater samples. TPHg was detected in Probe 2 and Probe 6 at concentrations of 25,000 ppb and 31,000 ppb, respectively. Benzene was detected in Probes 2, 4, 5, and 6 at concentrations ranging from 1 to 430 ppb. Exceltech's July 3, 1990 *June Quarterly Report* documents investigation results. Table 2 presents cumulative grab groundwater analytical results.

1998 Dispenser and Turbine Sump Upgrades: In February 1998, Paradiso Mechanical of San Leandro, California upgraded fuel-related equipment at the service station. Secondary containment was added to the existing dispensers and the turbine sumps above the USTs. Cambria inspected the dispenser and tank excavation areas. The City of Oakland required sampling at dispensers only if there was evidence of hydrocarbon impact. No field indications of hydrocarbons, such as staining or odor, were observed during the site visit; so no samples were collected. Cambria's March 10, 1998 *1998 Upgrade Site Inspection Report* presents details.

2002 Sensitive Receptor Survey (SRS), Conduit Study Report, and Subsurface Investigation Work Plan: The October 31, 2002 *Sensitive Receptor Survey, Conduit Study Report, and Subsurface Investigation Work Plan* included a conduit study which reported that a storm drain located just west of the site, along West MacArthur Boulevard, might intersect groundwater, and that the conduit backfill material may act as a preferential pathway for contaminant migration. The SRS identified two wells of unknown use located approximately ½-mile downgradient of the site and one well of unknown use located approximately 1,500 feet upgradient of the site. Due to the distance from the site to the nearest identified wells, the site is unlikely to impact the identified wells. Glen Echo Creek, the nearest surface water body identified by Cambria, is

located approximately 600 feet south of the site. Since calculated groundwater flow direction at the site has been to the west-southwest, petroleum hydrocarbons and fuel oxygenates from the site are not expected to impact Glen Echo Creek.

2003 SRS: In October 2003, Cambria completed an SRS for the site at Shell's request. The SRS targeted the following as potential sensitive receptors: basements within 200 feet, surface water and sensitive habitats within 500 feet, hospitals, residential care and childcare facilities within 1,000 feet, and water wells within ½ mile. No basements were observed within 200 feet, nor were any surface water or sensitive habitats observed within 500 feet. Snow White Day Care (214 West MacArthur Boulevard) is located approximately 150 feet from the site. Kaiser Permanente Hospital (280 West MacArthur Boulevard) is located approximately 450 feet from the site. National Hispanic University (262 Grand Avenue) is located approximately 825 feet from the site. No water wells in addition to those mentioned above were identified within ½ mile of the site.

2004 Subsurface Investigation: In March 2004, two soil borings (SB-1 and SB-2) were advanced to 20 fbg adjacent to the storm drain located just west of the site, and soil and groundwater samples were collected. TPHg was detected in only three soil samples at concentrations ranging from 10 ppm to 43 ppm. Benzene was not detected in any soil sample collected during this investigation. Methyl tertiary-butyl ether (MTBE) was detected in only two soil samples at concentrations of 0.0078 ppm and 0.0099 ppm. All soil samples with detectable TPHg and/or MTBE concentrations were from saturated soils or from within the capillary fringe. TPHg was detected in both grab groundwater samples SB-1-W and SB-2-W at concentrations of 10,000 ppb and 520 ppb, respectively. Benzene was detected in both grab groundwater samples at concentrations of 430 ppb and 4.9 ppb, respectively. MTBE was detected in both grab groundwater samples at concentrations of 110 ppb and 320 ppb, respectively. Cambria's July 2, 2004 *Subsurface Investigation Report* details the investigation.

2005 Fueling System Upgrade: In April 2005, Cambria collected soil samples from beneath the site's dispensers and at selected piping locations following an upgrade of the site's fueling system. Five dispenser soil samples were collected at depths of between 1.5 and 4 fbg and into native soil, and five piping trench soil samples were collected at depths of between 2 and 4.5 fbg and into native soil. Field indications of hydrocarbons, including staining and odor, were observed in the vicinity of the sample locations in the western portion of the site. TPHg was detected in three of five dispenser samples, at a maximum concentration of 1,700 ppm. TPHg was detected in three of five piping samples, at a maximum concentration of 2,700 ppm. Benzene was detected at a maximum concentration of 4.2 ppm. Based on the field observations and laboratory results, Cambria, at Shell's request, directed over-excavation. Due to the Oakland Fire Department's concern over encountering shallow groundwater, the vertical extent of over-

excavation was limited to 6 fbg. The lateral extent of over-excavation was limited by the proximity of the site's canopy supports and the site kiosk foundation. Cambria collected eight over-excavation bottom and side-wall samples. Staining and odors were observed in all over-excavation sample locations. TPHg was detected in six of eight over-excavation samples, at a maximum concentration of 830 ppm. Benzene and MTBE concentrations were below the laboratory detection limits in all eight over-excavation samples. Details of the sampling are included in Cambria's June 23, 2005 *Dispenser and Piping Upgrade and Limited Over-Excavation Soil Sampling Report.*

2005 Site Conceptual Model (SCM): Cambria submitted an SCM to the ACHCSA on September 23, 2005. Cambria concluded that the current groundwater conditions appear to be low-risk for all identified potential receptors and that current soil conditions in previously impacted and remediated areas are not known. Based on the site's history and current conditions, Cambria recommended additional soil sampling, a semi-annual groundwater monitoring schedule for all site wells, continued coordinated monitoring with 240 W. MacArthur Blvd., and the evaluation of site soil and groundwater conditions versus RWQCB environmental screening levels (ESLs) and City of Oakland risk-based screening levels (RBSLs).

Groundwater Monitoring Program: Quarterly groundwater monitoring has been performed at the site since July 1988. Depth to water has ranged historically between 11.31 and 16.76 fbg. During the first quarter 2006 monitoring and sampling event, the depth to water in the wells ranged from 10.6 to 11.25 fbg, The groundwater flow direction, as calculated from depth-to-water measurements in on-site monitoring wells, is typically toward the west to southwest, but has occasionally ranged to the northwest.

During the first quarter 2006 monitoring and sampling event, monitoring well MW-4 contained 2,740 ppb TPHg, 2.01 ppb benzene, and 220 ppb MTBE.

Since the fourth quarter of 2003, coordinated monitoring and sampling has been conducted with the adjacent former gas station (currently Oakland Auto Works) at 240 West MacArthur Boulevard.

INVESTIGATION SUMMARY

Cambria oversaw the advancement of four soil borings (SB-4, SB-6, SB-7, and SB-8) at the locations shown on Figure 2. Proposed soil boring and monitoring well location SB- 9 was not attempted due to underground utilities. Soil boring SB-5 was attempted several times at the proposed location, but because it could not be cleared to the required depth or moved to a location

that would comply with Shell's safety protocols, it was not completed to the proposed depth. Soil boring SB-8 was converted into a groundwater monitoring well, MW-5. After hand auguring to 5 feet for utility clearance, all borings except SB-5 were advanced using a direct-push drill or hollow-stem auger rig and continuously logged for lithologic description. Soil samples at boring locations SB-4, SB-7, and SB-8 were collected at 5-foot intervals beginning at approximately 5 fbg to first-encountered groundwater. Soil samples at boring location SB-6 were collected at 3-foot intervals beginning at approximately 3 fbg to first-encountered groundwater. A grab groundwater sample was collected from each boring at first-encountered groundwater. In each boring, temporary well casing was installed at the depth of first-encountered groundwater, and a grab groundwater sample was collected using a stainless steel bailer. Additional discrete depth groundwater samples were proposed at borings SB-4, SB-7, and SB-8. However, there was insufficient water available for collecting additional samples below first-encountered groundwater.

Attachment A presents Cambria's standard field procedures for soil boring and monitoring well installation.

Personnel Present: Ron Barone, Cambria Staff Geologist.

Permit: Alameda County Public Works Agency Water Resources Well Permit # W2006-0158 and W2006-0160 (Attachment B).

Drilling Company: Gregg Drilling and Testing, Martinez, California (C-57 License # 485156).

Drilling Dates: April 4 through 6, 2006.

Drilling Methods: A 2-inch hydraulic push Geoprobe® and 5-inch hollow-stem augers were used to advance soil borings, and 10-inch hollow-stem augers were used to over-drill the well boring.

Number of Borings: Four borings (SB-4, SB-6, SB-7, SB-8/MW-5). Table 3 provides well and boring data.

Boring Depths: Boring SB-4 was advanced to a depth of 50 fbg; boring SB-6 was advanced to a depth of 15 fbg; SB-7 and SB-8 were advanced to a depth of 48 fbg. Soil boring SB-8 was converted into 4-inch monitoring well MW-5. Proposed boring SB-5 was advanced to only 4 fbg due to concrete and rebar debris obstructing the hole and preventing clearance in accordance with safety requirements..

Groundwater Depths: Groundwater was observed in all borings at initial depths ranging from 13.5 to 16.5 fbg. Wet media was encountered at 5 fbg in boring SB-4. However, Cambria believes that this was a result of heavy rain during hand clearing activities. Examination of soils beneath 5 fbg indicated that first-encountered groundwater was between 15.5 and 16.5 fbg.

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

Groundwater Sampling: Grab groundwater samples were collected from borings SB-4, SB-6, SB-7, and SB-8 at first-encountered groundwater through temporary well casing using a stainless steel bailer. The bailer was properly decontaminated between locations. Groundwater samples were collected at between 12 and 16 fbg. As proposed, attempts were made to collect additional, depth-discrete groundwater samples from borings SB-4, SB-7, and SB-8. However, there was insufficient water available below the initial saturated zone to allow for sample collection.

Soil Classification: Soils consisted primarily of silts, sandy silts, sands, and silty sands to the total explored depth of 50 fbg. Boring logs are presented as Attachment C. Geologic cross sections are presented as Attachment D.

Backfill Method: Borings SB-4 through SB-7 were backfilled with neat cement grout to match the existing grade.

Chemical Analyses: State-certified laboratory Test America Laboratories of Nashville, Tennessee analyzed groundwater and selected soil samples for TPHg, benzene, toluene, ethylbenzene and xylenes (BTEX), and fuel oxygenates by EPA Method 8260B. Tables 1 and 2 summarize analytical results for soil and grab groundwater, respectively. Selected analyte concentrations are included on Figure 3. Certified laboratory analytical reports for soil and groundwater are included in Attachment E.

Well Construction: Well MW-5 was constructed using 4-inch-diameter Schedule 40 PVC casing. Well MW-5 was screened from 10 to 25 fbg, using 0.010-inch

machine slotted screen. The well was 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 the well to grade. Cambria presents monitoring well construction details in Table 3 and on the boring log (Attachment C). The Department of Water Resources well driller's completion report is included as Attachment F.

Well Development and Sampling: Blaine Tech Services, Inc. of San Jose, California will develop the new well using surge block agitation and pump evacuation prior to sampling. The site groundwater monitoring schedule has been modified to include sampling MW-5 quarterly beginning second quarter 2006.

Wellhead Survey: On May 11, 2006, Virgil Chavez Land Surveying (licensed land surveyor No. 6323) of Vallejo, California surveyed the rim and top of casing elevations for well MW-5 relative to mean sea level and surveyed the well's longitude and latitude. The survey report is included as Attachment G.

Soil Disposal: Investigation activities generated approximately 2.57 tons of soil. Cambria temporarily stockpiled the soil on site and profiled it for disposal. Attachment E includes the laboratory report. On May 2, 2006, Manley and Sons Trucking, Inc. of Sacramento, California transported the soil to Allied Waste Industries' Forward Landfill in Manteca, California for disposal as non-hazardous waste. The disposal confirmation is included as Attachment H.

INVESTIGATION RESULTS

Soil Analytical Results: TPHg was detected in seven samples at concentrations ranging from 0.452 ppm (SB-7-5) to 1,510 ppm (SB-5-3). Benzene was detected in five samples at concentrations ranging from 0.00340 ppm (SB-8-10) and 2.90 ppm (SB-5-3). Toluene was detected in three samples at concentrations ranging from 0.00204 ppm (SB-8-14) to 9.47 ppm (SB-5-3). Ethylbenzene was detected in six samples at concentrations ranging from 0.00325 ppm

(SB-7-5) to 9.46 ppm (SB-5-3). Xylenes were detected in four samples at concentrations ranging from 0.0199 ppm (SB-7-5) to 70.6 ppm (SB-5-3). MTBE was detected in six samples at concentrations ranging from 0.00221 ppm (SB-7-10) to 0.00970 (SB-6-9.5). Di-isopropyl ether (DIPE) was detected in two samples at concentrations of 0.0132 ppm (SB-8-14) and 0.0142 ppm (SB-5-3). No other analytes were detected in soil samples collected during this investigation.

Reanalysis of sample SB-5-3 for TPHg and BTEX was performed due to dilution or confirmation. The reanalysis was performed outside the EPA recommended holding time. Due to the short amount of time by which the holding time was exceeded, Cambria does not believe there was any appreciable effect on the sampling results.

Table 1 contains the site's cumulative soil analytical data. Data for selected analytes is also included on Figure 3. The laboratory analytical reports are included in Attachment E.

Groundwater Analytical Results: TPHg was detected in sample SB-8-W1 at a concentration of 34,000 ppb. Benzene was detected in sample SB-8-W1 at a concentration of 404 ppb. Toluene was detected in samples SB-4-W1 and SB-8-W1 at concentrations of 50.4 ppb and 22.5 ppb, respectively. Ethylbenzene was detected in samples SB-4-W1 and SB-8-W1 at concentrations of 3.92 ppb and 110 ppb, respectively. Xylenes were detected in samples SB-4-W1 and SB-8-W1 at concentrations of 13.3 ppb and 56.8 ppb, respectively. Tertiary-butyl alcohol (TBA) was detected in samples SB-4-W1 and SB-8-W1 at concentrations of 15.1 ppb and 40.2 ppb, respectively. MTBE was detected in samples SB-4-W1 and SB-8-W1 at concentrations of 29.2 ppb and 15.0 ppb, respectively. DIPE was detected in sample SB-8-W1 at a concentration of 26.6 ppb. No other analytes were detected in grab groundwater samples collected during this investigation.

Table 2 summarizes groundwater analytical data, and Figure 3 also includes data for selected analytes. The laboratory analytical reports are included in Attachment E.

CONCLUSIONS AND RECOMMENDATIONS

With the exception of localized shallow soils in the vicinity of the northwestern-most dispensers (D-5 and D-6), hydrocarbon impact to soil in the area investigated is minimal. Due to 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 or will be used for drinking water. Therefore, soil sampling results were compared to the San Francisco RWQCB ESLs and The City of Oakland Urban Land Redevelopment Program's Tier 1 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 RBSL. The sample collected at 3 fbg in boring SB-5 exceeded the ESLs for TPHg, benzene, toluene, and total xylenes. These concentrations are consistent with those detected in the nearby piping samples collected during the 2005 fuel system upgrade. Due to debris encountered while advancing SB-5, deeper soil samples could not be collected and the vertical extent of impact is not known. Based on the location of the impacted soil, the lack of concentrations in excess of the Oakland Tier 1 RBSLs, and the existence of two groundwater monitoring wells downgradient of the impacted soil, Shell does not recommend further action at this time.

TPHg and benzene concentrations in the grab groundwater sample collected from boring SB-8 exceeded the ESL for sites at which groundwater is not a current source of drinking water. The benzene concentration also exceeds its RBSL. SB-8 is located downgradient of the dispenser islands and the impacted soil encountered at SB-5. The boring was converted to groundwater monitoring well MW-5 and has been added to the site's groundwater monitoring network. In its September 23, 2005 *Site Conceptual Model,* Shell recommended semi-annual sampling and gauging of all site wells during the first and third quarters, and ACHCSA concurred in a January 20, 2006 letter to Shell. However, based on the results of this investigation, MW-5 will be sampled during second quarter 2006 and then quarterly for at least four consecutive quarters.

The work plan proposed depth-discrete grab groundwater sampling at locations SB-4, SB-7, SB-8, and SB-9 to investigate the vertical extent of hydrocarbon and fuel oxygenate impact to groundwater and to determine the effectiveness of the current groundwater monitoring network. As stated previously, SB-9 was not completed due to its proximity to underground utilities. Additional, deeper grab groundwater sampling was attempted in borings SB-4, SB-7, and SB-8. However, soil beneath approximately 20 fbg contained insufficient water for sample collection. At SB-4, SB-7, and SB-8, silt, sand and gravel encountered between approximately 15 and 20 fbg is the primary water producing interval. This interval is effectively monitored by the new monitoring well MW-5, screened between 10 and 25 fbg. The other monitoring wells on site (MW-1 through MW-4) are screened across intervals of similar lithology. The screened intervals of theses wells range in length from 10 feet for well MW-4 to 20 feet for well MW-1. With the exception of MW-1, the deeper portions of the screens do not encounter an additional interval sufficiently saturated to significantly contribute to the water column in the wells, and the wells are effectively monitoring the target interval. MW-1 is screened between 10 and 30 fbg, and the primary water bearing unit appears to be between 15 and 21 fbg. An additional saturated sand layer, encountered at approximately 28 fbg and continuing to the total depth of the well, is also being monitored by MW-1 though the contribution of this second interval to the water column observed in the well cannot be determined. Shell believes that the current groundwater monitoring wells are effectively monitoring the interval in which groundwater impact is most likely to occur.

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

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

Figures:
1 - Site Vicinity and Area Well Survey Map
2 - Site Plan
3 - Site Plan with Soil and Grab Groundwater Chemical Concentrations

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

Attachments:
A - Standard Field Procedures for Soil Borings and Monitoring Well Installation
B - Permits
C - Boring Logs
D - Geologic Cross-sections
E - Laboratory Analytical Reports
F - Department of Water Resources Well Completion Report
G - Survey Report
H - Disposal Confirmation

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

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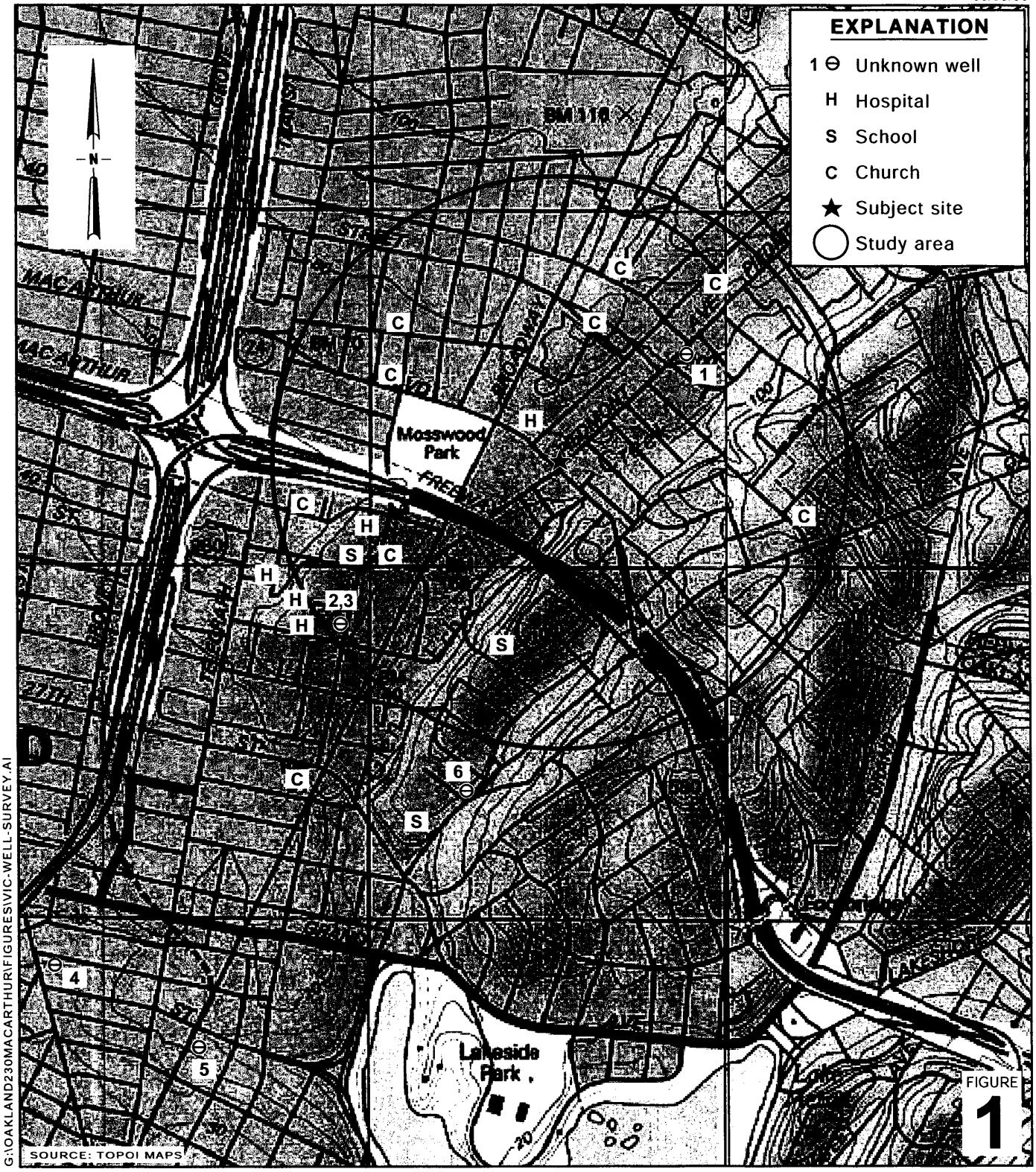
05/05/06



G:\OAKLAND230MACARTHUR\FIGURES\VIC-WELL-SURVEY.AI

FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Shell-branded Service Station
230 West MacArthur Boulevard
Oakland, California
Incident No.9899574

CAMBRIA

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

05/18/06

Site Plan

SB-4	◉	Soil boring location (4/4-6/06)
SB-9	◉	Proposed soil boring location, uncompleted
EX-1-6	▲	Over-excavation soil sample location (4/27/05)
D-1-4.0	▪	Soil sample location (4/18/05)
MW-1	✦	Monitoring well location (Shell, 7/11-12/88)
MW-1	✦	Monitoring well location (240 W. MacArthur)
SB-1	◉	Soil boring location (3/24/04)
Probe 1	▲	Grab groundwater sample location (05/19/90)
GS-1	▪	Grab groundwater sample location (10/17/89)
SB-1	◉	Soil boring location (8/16/89)
A1	*	Soil sample location (11/05/87)
B-1	◉	Soil boring location (8/27/87)
VR-1	✦	Soil venting well location (3/12/87)
S-A	•	Soil boring location (4/14/86)

EXPLANATION

- Storm drain line (SD)
- Sanitary sewer line (SS)
- Water line (W)
- Gas line (G)
- Electrical line (E)
- Telecommunications line (T)
- Flow direction
- Storm drain inlet
- FL — Flow line elevation, in feet above mean sea level
- fbg — Feet below grade
- ❶ Product dispenser number

HOWE STREET

PIEDMONT AVENUE

WEST MACARTHUR BOULEVARD

Oakland Auto Works
240 W. MacArthur

Former W/O sump

Former W/O UST

Former Fuel USTs

Shell-branded Service Station
230 W. MacArthur

Existing USTs (rounded)

former USTs (reuse)

kiosk

building

planter

air/water

sidewalk

Over-excavation areas (2004)

benchmark elev. 75.96' msl

Kaiser MB Center
235 W. MacArthur

Groundwater Flow Direction
(Shell, 4Q96 through 1Q06)

Site features for 240 W. MacArthur based on figure provided by Stellar Environmental Solutions, Inc.

0 15 30 60
Scale (ft)

G:\OAKLAND 230 W. MACARTHUR\FIGURES\SITE PLAN.DWG

CAMBRIA

Shell-branded Service Station
230 West MacArthur Boulevard
Oakland, California
Incident No.98995741

FIGURE
2

05/18/06

Site Plan with Soil and Grab Groundwater Chemical Concentrations

April 4-6, 2006

EXPLANATION

- SB-4 — Soil boring location (4/4-6/06)
- SB-9 — Proposed soil boring location, uncompleted
- EX-1-6 — Over-excavation soil sample location (4/27/05)
- D-1-4.0 — Soil sample location (4/18/05)
- MW-1 — Monitoring well location (Shell, 7/11-12/88)
- MW-1 — Monitoring well location (240 W. MacArthur)
- SB-1 — Soil boring location (3/24/04)
- Probe 1 — Grab groundwater sample location (05/19/90)
- GS-1 — Grab groundwater sample location (10/17/89)
- SB-1 — Soil boring location (8/16/89)
- A1 — Soil sample location (11/05/87)
- B-1 — Soil boring location (8/27/87)
- VR-1 — Soil venting well location (3/12/87)
- S-A — Soil boring location (4/14/86)

- Storm drain line (SD)
- Sanitary sewer line (SS)
- Water line (W)
- Gas line (G)
- Electrical line (E)
- Telecommunications line (T)
- Flow direction
- Storm drain inlet
- FL — Flow line elevation, in feet above mean sea level
- fbg — Feet below grade
- Product dispenser number

SB-4: SOIL (ppm)			
Depth	TPHg	Benz.	MTBE
5'	<0.86	<0.0043	<0.0043

Soil Sample ID

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

SB-4: WATER (ppb)			
Depth	TPHg	Benz.	MTBE
5'	<50.0	<1.00	29.2

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

HOWE STREET

PIEDMONT AVENUE

WEST MACARTHUR BOULEVARD

Oakland Auto Works
240 W. MacArthur

Former W/O sump

Former W/O UST

Former Fuel USTs

Shell-branded Service Station
230 W. MacArthur

Existing USTs (rounded)

former USTs (rect.)

kiosk

planter

sidewalk

air/water

Kaiser MB Center
235 W. MacArthur

benchmark elev. 75.96' msl

MW-1 MW-2 MW-3 MW-4 MW-5 MW-6 MW-7 MW-8

SB-1 SB-2 SB-4 SB-5 SB-6 SB-7 SB-8/MW-5 SB-9

SB-4: SOIL (ppm)			
Depth	TPHg	Benz.	MTBE
5'	<0.100	<0.00200	<0.00200
11.5'	<0.100	<0.00200	<0.00200
15.5'	0.544	<0.00200	<0.00200

SB-4: WATER (ppb)			
Depth	TPHg	Benz.	MTBE
NA	<50.0	<1.00	29.2

SB-5: SOIL (ppm)			
Depth	TPHg	Benz.	MTBE
3'	1,510	2.90	0.00403

SB-6: SOIL (ppm)			
Depth	TPHg	Benz.	MTBE
3'	0.638	<0.00200	<0.00200
6.5'	<0.100	<0.00200	0.00418
9.5'	2.43	0.0168	0.00970
12'	6.16	0.0160	0.00541

SB-8/MW-5: SOIL (ppm)			
Depth	TPHg	Benz.	MTBE
5'	<0.100	<0.00200	<0.00200
10'	<0.100	0.00340	<0.00200
14'	0.942	0.0588	0.00855

SB-8/MW-5: WATER (ppb)			
Depth	TPHg	Benz.	MTBE
NA	34,000	404	15.0

SB-7: SOIL (ppm)			
Depth	TPHg	Benz.	MTBE
5'	0.452	<0.00200	<0.00200
10'	<0.100	<0.00200	0.00221
15'	<0.100	<0.00200	<0.00200

SB-7: WATER (ppb)			
Depth	TPHg	Benz.	MTBE
NA	<50.0	<1.00	<1.00

Groundwater Flow Direction (Shell, 4Q96 through 1Q06)

Over-excavation areas (2004)

Probe 1 Probe 2 Probe 3 Probe 4 Probe 5 Probe 6

SS (FL = 67.8)

FL = ~67.24, ~9 fbg

FL = 66.68

FL = 66.7

MH = ~10.5 fbg

W 3-10 fbg

FL = ~66, ~10 fbg

FL = 65.4, ~11 fbg

FL = 65.2

MH = ~11 fbg

FL = 52.4

SS ~23 fbg

E 3-8 fbg

G 3-8 fbg

FL = 53.7, ~22.25 fbg

FL = 53.8

0 15 30 60

Scale (ft)

Site features for 240 W. MacArthur based on figure provided by Stellar Environmental Solutions, Inc.

G:\OAKLAND 230 W. MACARTHUR\FIGURES\SOIL DATA 4-06.DWG

CAMBRIA

Shell-branded Service Station
230 West MacArthur Boulevard
Oakland, California
Incident No.98995741

FIGURE
3

Table 1. **Cumulative Soil Analytical Data -** Shell-branded Service Station - SAP Code 135676, 230 W. MacArthur Boulevard, Oakland, California

Sample ID	Date	Depth (feet)	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TBA	MTBE	DIPE	ETBE	TAME	Total Lead	Organic Lead
			← parts per million →											
1986 Site Investigation														
S-A	4/14/1986	4 - 5.5	17[a]	--	--	--	--	--	--	--	--	--	--	--
S-A	4/14/1986	8.5 - 10	**1,200**[a]	--	--	--	--	--	--	--	--	--	--	--
S-A	4/14/1986	11 - 12.5	**4,300**[a]	--	--	--	--	--	--	--	--	--	--	--
S-A	4/14/1986	13.5 - 15	ND[a]	--	--	--	--	--	--	--	--	--	--	--
S-B	4/14/1986	5 - 6.5	36[a]	--	--	--	--	--	--	--	--	--	--	--
S-B	4/14/1986	8 - 9.5	78[a]	--	--	--	--	--	--	--	--	--	--	--
S-B	4/14/1986	12 - 13	6.4[a]	--	--	--	--	--	--	--	--	--	11.0[b]	--
S-C	4/14/1986	4 - 5.5	ND[a]	--	--	--	--	--	--	--	--	--	---	---
S-C	4/14/1986	7 - 8.5	ND[a]	--	--	--	--	--	--	--	--	--	---	---
S-C	4/14/1986	11 - 12.5	ND[a]	--	--	--	--	--	--	--	--	--	---	---
S-C	4/14/1986	13.5 - 15	**5,700**[a]	--	--	--	--	--	--	--	--	--	---	---
S-D	4/14/1986	Composite	**571**[a]	--	--	--	--	--	--	--	--	--	--	--
1987 Soil Borings														
B-1 @ 4'	8/28/1987	4	**412**	<0.05	<0.05	<0.1	5.4	--	--	--	--	--	65.9[d]	--
B-1 @ 6'	8/28/1987	6	**1,440**	<0.05	<0.05	<0.1	**130**	--	--	--	--	--	26.4[d]	--
B-1 @ 8'	8/28/1987	8	**1,870**	<0.05	**4.3**	14	**325**	--	--	--	--	--	14.3[d]	--
B-1 @ 10'	8/28/1987	10	<10	<0.05	<0.05	<0.1	<0.1	--	--	--	--	--	<5[a]	--
B-1 @ 12'	8/28/1987	12	122	**0.60**	0.36	0.38	0.33	--	--	--	--	--	<5[a]	--
B-1 @ 14'	8/28/1987	14	52	<0.05	<0.05	<0.1	<0.1	--	--	--	--	--	<5[a]	--
B-2 @ 5'	8/28/1987	5	<10	<0.05	1.5	5.7	<0.1	--	--	--	--	--	<5[a]	--
B-2 @ 6-7'	8/28/1987	6 - 7	<10	<0.05	0.37	0.55	<0.1	--	--	--	--	--	<5[a]	--
B-2 @ 8-9'	8/28/1987	8 - 9	<10	0.5	0.4	0.3	<0.1	--	--	--	--	--	<5[a]	--
B-2 @ 10'	8/28/1987	10	<10	<0.05	<0.05	<0.1	<0.1	--	--	--	--	--	<5[a]	--
B-2 @ 12'	8/28/1987	12	<10	<0.05	<0.05	<0.1	<0.1	--	--	--	--	--	<5[a]	--

Table 1. **Cumulative Soil Analytical Data -** Shell-branded Service Station - SAP Code 135676, 230 W. MacArthur Boulevard, Oakland, California

Sample ID	Date	Depth (feet)	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TBA	MTBE	DIPE	ETBE	TAME	Total Lead	Organic Lead
			← parts per million →											
1987 UST Removal and Soil Sampling														
A1	11/2/1987	15.0	380	**1.6**	2.2	--	**55**	--	--	--	--	--	---	--
A2	11/2/1987	15.0	310	**1.3**	1.3	--	**33**	--	--	--	--	--	---	--
B1	11/2/1987	15.0	**480**	**4.3**	0.5	--	**22**	--	--	--	--	--	---	--
B2	11/2/1987	15.0	9.1	**1.6**	0.3	--	0.1	--	--	--	--	--	---	--
C1	11/2/1987	15.0	12	**1.5**	<0.1	--	1.1	--	--	--	--	--	---	--
C2	11/2/1987	15.0	170	**4.1**	<0.1	--	2.4	--	--	--	--	--	---	--
D1	11/2/1987	15.0	8.6	<0.1	<0.1	--	<0.1	--	--	--	--	--	---	--
D2	11/2/1987	15.0	44	<0.1	<0.1	--	5.3	--	--	--	--	--	---	--
1988 Monitoring Well Installation														
MW1-2	7/11/1988	10	<10	<0.003	0.0116	<0.003	<0.003	--	--	--	--	--	---	--
MW1-3	7/11/1988	15	<10	<0.003	0.0129	<0.003	0.0051	--	--	--	--	--	---	--
MW1-4	7/11/1988	20	<10	<0.003	0.023	<0.003	<0.003	--	--	--	--	--	---	--
MW2-1	7/11/1988	5	<10	<0.003	0.0161	<0.003	<0.003	--	--	--	--	--	---	--
MW2-2	7/11/1988	10	<10	<0.003	0.0093	<0.003	<0.003	--	--	--	--	--	---	--
MW2-3	7/11/1988	15	<10	<0.003	0.01	<0.003	<0.003	--	--	--	--	--	---	--
MW3-1	7/12/1988	10	278	<0.05	0.388	<0.003	0.411	--	--	--	--	--	11[e]	--
MW3-2	7/12/1988	15	<10	<0.003	0.0367	<0.003	<0.003	--	--	--	--	--	8.3[e]	--
MW3-3	7/12/1988	20	<10	<0.003	0.0304	0.0076	<0.003	--	--	--	--	--	---	--
1989 Phase II Supplemental Soil Investigation														
SB1-1	8/16/1989	5	<1.0	<0.05	<0.1	<0.1	<0.1	--	--	--	--	--	---	--
SB1-2	8/16/1989	10	<1.0	<0.05	<0.1	<0.1	<0.1	--	--	--	--	--	---	--
SB1-3	8/16/1989	15	<1.0	<0.05	<0.1	<0.1	<0.1	--	--	--	--	--	---	--
SB1 (composite)	8/16/1989	Composite	--	--	--	--	--		--	--	--	--	4.5[a]	<0.05
SB2-1	8/16/1989	5.5	<1.0	<0.05	<0.1	<0.1	<0.1	--	--	--	--	--	--	--

Table 1. **Cumulative Soil Analytical Data -** Shell-branded Service Station - SAP Code 135676, 230 W. MacArthur Boulevard, Oakland, California

Sample ID	Date	Depth (feet)	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TBA	MTBE	DIPE	ETBE	TAME	Total Lead	Organic Lead
			← parts per million →											
SB2-2	8/16/1989	10.5	<1.0	<0.05	<0.1	<0.1	<0.1	--	--	--	--	--	--	--
SB2-3	8/16/1989	15.5	**490**	<0.05	0.28	1.3	1.0	--	--	--	--	--	--	--
SB2 (composite)	8/16/1989	Composite	--	--	--	--	--	--	--	--	--	--	2.5[a]	<0.05
SB3-1	8/16/1989	4.5	6.6	<0.05	**0.26**	0.14	0.63	--	--	--	--	--	--	--
SB3-2	8/16/1989	9.5	<1.0	<0.05	<0.1	<0.1	<0.1	--	--	--	--	--	--	--
SB3-3	8/16/1989	15.5	<1.0	<0.05	<0.1	<0.1	<0.1	--	--	--	--	--	--	--
SB3 (composite)	8/16/1989	Composite	--	--	--	--	--	--	--	--	--	--	5.5[a]	<0.05
SB-1-5'	3/24/2004	5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
SB-1-10'	3/24/2004	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
SB-1-15'	3/24/2004	15	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	0.0078	--	--	--	--	--
SB-1-17'	3/24/2004	17	12	<0.025	<0.025	<0.025	<0.025	--	<0.025	--	--	--	--	--
SB-1-19.5'	3/24/2004	19.5	43	<0.024	<0.024	<0.024	<0.024	--	<0.024	--	--	--	--	--
SB-2-5'	3/24/2004	5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
SB-2-10'	3/24/2004	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
SB-2-15'	3/24/2004	15	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
SB-2-17'	3/24/2004	17	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	0.0099	--	--	--	--	--
SB-2-19.5'	3/24/2004	19.5	10	<0.025	<0.025	<0.025	<0.025	--	<0.025	--	--	--	--	--
2005 Dispenser, Piping, and Limited Over-Excavation Soil Sampling														
D-1-4.0	4/18/2005	4.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	6.2	--
D-2-1.5	4/18/2005	1.5	**1,700**	<0.40	2.4	3.8	5.4	<2.0	<0.40	<0.40	<0.40	<0.40	130	--
D-2-3.5	4/18/2005	3.5	**940**	0.060	6.6	9.5	**85**	<0.15	<0.025	<0.025	<0.025	<0.025	8.0	--
D-3-3.0	4/18/2005	3.0	2.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	6.5	--
D-4-4.0	4/18/2005	4.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	<0.0050	<0.0050	<0.0050	8.1	--
P-1-2.0	4/18/2005	2.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	4.2	--

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Sample ID	Date	Depth (feet)	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TBA	MTBE	DIPE	ETBE	TAME	Total Lead	Organic Lead
			← parts per million →											
P-2-4.5	4/18/2005	4.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	9.7	--
P-3-3.5	4/18/2005	3.5	**620**	<0.025	0.20	1.6	**6.1**	0.18	0.066	<0.025	<0.025	<0.025	22	--
P-4-4.0	4/18/2005	4.0	**2,700**	**4.2**	1.6	**39**	**78**	<1.5	0.30	<0.25	<0.25	<0.25	140	--
P-5-4.0	4/18/2005	4.0	**1,600**	**0.98**	0.28	7.4	**13**	<1.5	<0.25	<0.25	<0.25	<0.25	11	--
EX-1-6	4/28/2005	6.0	**830**	<0.50	1.4	4.1	<0.50	<2.5	<0.50	<1.0	<0.50	<0.50	7.2	--
EX-2-6	4/28/2005	6.0	200	<0.50	<0.50	<0.50	<0.50	<2.5	<0.50	<1.0	<0.50	<0.50	7.1	--
EX-3-6	4/28/2005	6.0	7.3	<0.0050	<0.0050	<0.0050	<0.0050	0.015	<0.0050	<0.010	<0.0050	<0.0050	4.1	--
EX-4-6	4/28/2005	6.0	21	<0.023	<0.023	<0.023	<0.023	<0.046	<0.023	<0.023	<0.023	<0.023	12	--
EX-B-6.5	4/28/2005	6.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.017	<0.0050	<0.010	<0.0050	<0.0050	3.6	--
EX-5-6	4/28/2005	6.0	7.6	<0.019	<0.019	<0.019	0.10	<0.038	<0.019	<0.038	<0.019	<0.019	4.1	--
EX-6-6	4/28/2005	6.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.013	<0.0050	<0.010	<0.0050	<0.0050	7.3	--
EX-B2-6.5	4/28/2005	6.5	260	<0.50	<0.50	1.6	1.5	<2.5	<0.50	3.3	<0.50	<0.50	4.0	--
2006 Subsurface Investigation														
SB-4-5	4/4/2006	5.0	<0.100	<0.00200	<0.00200	<0.00200	<0.00500	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	--	--
SB-4-11.5	4/5/2006	11.5	<0.100	<0.00200	<0.00200	<0.00200	<0.00500	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	--	--
SB-4-15.5	4/5/2006	15.5	0.544	<0.00200	0.119	0.00995	0.0388	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	--	--
SB-5-3	4/4/2006	3.0	**1,510[f]**	**2.90[f]**	**9.47[f]**	9.46[f]	**70.6[f]**	<0.0500	0.00403	0.0142	<0.00500	<0.00200	--	--
SB-6-3	4/4/2006	3.0	0.638	<0.00200	<0.00200	<0.00200	<0.00500	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	--	--
SB-6-6.5	4/5/2006	6.5	<0.100	<0.00200	<0.00200	<0.00200	<0.00500	<0.0500	0.00418	<0.00200	<0.00500	<0.00200	--	--
SB-6-9.5	4/5/2006	9.5	2.43	0.0168	<0.00200	0.00746	<0.00500	<0.0500	0.00970	<0.00200	<0.00500	<0.00200	--	--
SB-6-12	4/6/2006	12.0	6.16	0.0160	<0.00200	0.0319	0.0222	<0.0500	0.00541	<0.00200	<0.00500	<0.00200	--	--
SB-7-5	4/4/2006	5.0	0.452	<0.00200	<0.00200	0.00325	0.0199	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	--	--
SB-7-10	4/6/2006	10.0	<0.100	<0.00200	<0.00200	<0.00200	<0.00500	<0.0500	0.00221	<0.00200	<0.00500	<0.00200	--	--
SB-7-15	4/6/2006	15.0	<0.100	<0.00200	<0.00200	<0.00200	<0.00500	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	--	--
SB-8-5	4/4/2006	5.0	<0.100	<0.00200	<0.00200	<0.00200	<0.00500	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	--	--
SB-8-10	4/6/2006	10.0	<0.100	0.00340	<0.00200	<0.00200	<0.00500	<0.0500	<0.00200	<0.00200	<0.00500	<0.00200	--	--

Table 1. **Cumulative Soil Analytical Data -** Shell-branded Service Station - SAP Code 135676, 230 W. MacArthur Boulevard, Oakland, California

Sample ID	Date	Depth (feet)	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TBA	MTBE	DIPE	ETBE	TAME	Total Lead	Organic Lead
			← parts per million →											
SB-8-14	4/6/2006	14.0	0.942	0.0588	0.00204	0.00416	<0.00500	<0.0500	0.00855	0.0132	<0.00500	<0.00200	--	--
Shallow Soil (≤10 fbg) ESL[g]:			**400**	**0.38**	**9.3**	**32**	**11**	**110**	**5.6**	**NA**	**NA**	**NA**	**750**	**NA**
Deep Soil (>10 fbg) ESL[g]:			**400**	**0.51**	**9.3**	**32**	**11**	**110**	**5.6**	**NA**	**NA**	**NA**	**750**	**NA**
Oakland Tier 1 Surface Soil RBSL[h]:			*NA*	*510*	*56,000*	*33,000*	*300,000*	*NA*	*1,700*	*NA*	*NA*	*NA*	*NA*	*NA*
Oakland Tier 1 Subsurface Soil RBSL[i]:			*NA*	*66*	*SAT*	*SAT*	*SAT*	*NA*	*SAT*	*NA*	*NA*	*NA*	*NA*	*NA*

Table 1. **Cumulative Soil Analytical Data -** Shell-branded Service Station - SAP Code 135676, 230 W. MacArthur Boulevard, Oakland, California

Sample ID	Date	Depth (feet)	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TBA	MTBE	DIPE	ETBE	TAME	Total Lead	Organic Lead
			← parts per million →											

Abbreviations and Notes:

ND = Below detection limit

<x = Below detection limit of x

-- = Not analyzed

TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B (before 2004, analyzed by EPA method 8015).

Benzene, ethylbenzene, toluene, total xylenes by EPA Method 8260B (before 2004, analyzed by EPA Method 8020).

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

MTBE = Methyl tertiary-butyl ether, analyzed by EPA Methods 8260B.

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

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

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

Lead by EPA Method 6010

Organic lead analyzed by Cal LUFT Manual, 12/87

[a] = Analytical method is unknown

[b] = Total lead analyzed by unknown method

[c] = Composite of four samples taken from depths of 4 - 5 fbg, 7 - 8.5 fbg, 11 - 12.5 fbg, and 13.5 - 15 fbg

[d] = Lead analyzed by EPA Method 7421

[e] = Total lead analyzed by EPA Method 7240

[f] = Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.

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

BOLD = Concentration exceeds RWQCB ESL

[h] = City of Oakland Tier 1 Risk-Based Screening Level - Commercial/Industrial Ingestion/Dermal/Inhalation Hazard

[i] = City of Oakland Tier 1 Risk-Based Screening Level - Commercial/Industrial Inhalation of Indoor Air Vapors Hazard

Italicized = Concentration exceeds Oakland Tier 1 RBSL

SAT = RBSL exceeds satuarated soil concentration of chemical

NA = Not available

Table 2. Cumulative Grab Groundwater Analytical Data - Shell-branded Service Station - SAP Code 135676, 230 W. MacArthur Boulevard, Oakland, California

Sample ID	Date	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TBA	MTBE	DIPE	ETBE	TAME
		← parts per billion →									
Probe 2	5/19/1990	**25,000**	***280***	**290**	160	**470**	---	---	---	---	---
Probe 3	5/19/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---
Probe 4	5/19/1990	<50	5	<0.5	2	<0.5	---	---	---	---	---
Probe 5	5/19/1990	<50	1	2	1	4	---	---	---	---	---
Probe 6	5/19/1990	**31,000**	***430***	**600**	240	**1,400**	---	---	---	---	---
SB-1-W	3/24/2004	**10,000**	***430***	75	98	44	---	110	---	---	---
SB-2-W	3/24/2004	***520***	4.9	<1.0	<1.0	<2.0	---	320	---	---	---
SB-4-W1	4/5/2006	<50.0	<1.00	50.4	3.92	13.3	15.1	29.2	<1.00	<1.00	<1.00
SB-7-W1	4/6/2006	<50.0	<1.00	<1.00	<1.00	<3.00	<10.0	<1.00	<1.00	<1.00	<1.00
SB-8-W1	4/6/2006	**34,000**	***404***	22.5	110	56.8	40.2	15.0	26.6	<1.00	<1.00
Groundwater ESL[a]:		**500**	**46**	**130**	**290**	**100**	**18,000**	**1,800**	**NA**	**NA**	**NA**
Oakland Tier 1 RBSL[b]:		*NA*	*110*	*>SOL*	*>SOL*	*>SOL*	*NA*	*>SOL*	*NA*	*NA*	*NA*

Abbreviations and Notes:

--- = Not analyzed

<x = Below detection limit of x

TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B (before 2004, analyzed by EPA method 8015).

Benzene, ethylbenzene, toluene, total xylenes by EPA method 8260B (before 2004, analyzed by EPA Method 8020).

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

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

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

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

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

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

BOLD = Concentration exceeds RWQCB ESL

[b] = City of Oakland Tier 1 Risk-Based Screening Level - Commercial/Industrial Inhalation of Indoor Air Vapors Hazard

Italicized = Concentration exceeds Oakland Tier 1 RBSL

> SOL = RBSL exceeds solubility of chemical in water

NA = Not available

Table 3. Well and Boring Data - Shell-branded Service Station - SAP Code 135676, 230 W. MacArthur Boulevard, Oakland, California

Boring ID	Type	Date Installed	TOC (ft msl)	Total Depth (fbg)	Soil Sample Interval (ft)	First Encountered GW Depth (fbg)	First Encountered GW Elev (ft msl)	Screen Diam. (in)	Slot Size (in.)	Screen Depth (fbg) Top	Screen Depth (fbg) Bottom	Comments
SB-4	5" HSA Boring	4/5/2006	—	50	continuous	15.5-16.5	—	—	—	—	—	
SB-5	Airknife boring	4/4/2006	—	4	continuous	—	—	—	—	—	—	
SB-6	5" HSA Boring	4/6/2006	—	16	continuous	13.5	—	—	—	—	—	
SB-7	2" Direct Push	4/6/2006	—	48	continuous	16	—	—	—	—	—	
SB-8	2" Direct Push	4/6/2006	—	48	continuous	15	—	—	—	—	—	SB-8 converted into well MW-5
MW-5	10" HSA Boring	4/6/2006	—	25	none	15	61.97	4"	0.010	10	25	

Abbreviations and Notes:

HSA = Hollow-stem auger

DP = Direct Push

TOC = Top of casing elevation

ft msl = Feet referenced to mean sea level

fbg = Feet below grade

— = not applicable

ATTACHMENT A

Standard Field Procedures for Soil Borings and Monitoring Well Installation

STANDARD FIELD PROCEDURES FOR SOIL BORINGS

This document describes Cambria Environmental Technology's standard field methods for drilling and sampling soil borings. 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 product saturation percentage,
- Observed odor and/or discoloration,
- Other significant observations (i.e. cementation, presence of marker horizons, mineralogy), and
- Estimated permeability.

Soil Boring and Sampling

Soil borings are typically drilled using hollow-stem augers or hydraulic push technologies. Prior to drilling, the first 8 ft of the boring are cleared using an air or water knife and vacuum extraction. This minimizes the potential for impacting utilities.

At least one and one half ft of the soil column is collected for every five ft of drilled depth. 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 beyond the bottom of the borehole. The vertical location of each soil sample is determined by measuring the distance from the middle of the soil sample tube to the end of the drive rod used to advance the split barrel sampler. All sample depths use the ground surface immediately adjacent to the boring as a datum. The horizontal location of each boring is measured in the field from an onsite permanent reference using a measuring wheel or tape measure.

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 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 4oC 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 photoionization detector (PID) measures volatile hydrocarbon vapor concentrations in the tube headspace, extracting the vapor through a slit in the cap. PID measurements are used along with the field observations, odors, stratigraphy and ground water 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 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 4oC, and transported under chain-of-custody to the laboratory.

Duplicates and Blanks

Blind duplicate water samples are collected 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 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.

Waste Handling and Disposal

Soil cuttings from drilling activities are usually stockpiled onsite on top of and covered by plastic sheeting. At least four individual soil samples are collected from the stockpiles for later compositing at the analytic laboratory. The composite sample is analyzed for the same constituents analyzed in the borehole samples. Soil cuttings are transported by licensed waste haulers and disposed in secure, licensed facilities based on the composite analytic results.

Ground water removed during sampling and/or rinsate generated during decontamination procedures are 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. Disposal of the water is based on the analytic results for the well samples. 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.

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.

DRILLING AND SAMPLING

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 (PG).

Soil Boring and Sampling

Soil borings are typically drilled using hollow-stem augers or direct-push technologies such as the Geoprobe®. Prior to drilling, the first 8 ft of the boring are cleared using an air or water knife and vacuum extraction. This minimizes the potential for impacting utilities.

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 4o 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 4oC, 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.

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 eductor 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 4oC, 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: 03/01/2006 By jamesy **Receipt Number: WR2006-0101**
Permits Issued: W2006-0158 to W2006-0160 **Permits Valid from 04/04/2006 to 04/07/2006**

Application Id: 1141235943770 **City of Project Site:**Oakland
Site Location: 230 West MacArthur Blvd, Oakland, CA 94611
Project Start Date: 04/04/2006 **Completion Date:**04/07/2006

Applicant: Cambria Environmental Technology - William DeBoer
5900 Hollis St., Ste A, Emeryville, CA 94608 **Phone:** 510-420-3369

Property Owner: Shell Oil Products Co (US)
20945 Wilmington, Carson, CA 90810 **Phone:** --

Client: ** same as Property Owner **

Total Due: $500.00
Total Amount Paid: $800.00
Payer Name : Cambria Environmental Technology Inc. Paid By: CHECK **PAYMENT DUE**

Works Requesting Permits:

Well Construction-Monitoring-Monitoring - 1 Wells
Driller: Gregg Drilling - Lic #: 485165 - Method: DP **Work Total: $300.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2006-0158	03/01/2006	07/03/2006	MW5	10.00 in.	4.00 in.	35.00 ft	35.00 ft

Specific Work Permit Conditions

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

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

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

4. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.

5. Applicant shall contact George Cashen for an inspection time at 510-670-6610 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

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

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

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

Borehole(s) for Investigation-Geotechnical Study/CPT's - 4 Boreholes
Driller: Gregg Drilling - Lic #: 485165 - Method: DP **Work Total: $200.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2006-0160	03/01/2006	07/03/2006	4	4.00 in.	35.00 ft

Specific Work Permit Conditions

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

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

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

4. Applicant shall contact George Cashen for an inspection time at 510-670-6610 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

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

6. Cuttings may also be left on site or spread out as long as the applicants has approval from the property owner and the cuttings will not violate the State and County Clean Water laws (NPDES).

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

8. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this

permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

ATTACHMENT C

Boring Logs

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-4
JOB/SITE NAME	Shell-branded Service Station	DRILLING STARTED	04-Apr-06
LOCATION	230 W. MacArthur Blvd, Oakland, CA	DRILLING COMPLETED	05-Apr-06
PROJECT NUMBER	248-0902-006	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push and Hollow Stem Auger	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	5"	SCREENED INTERVALS	NA
LOGGED BY	Ron Barone	DEPTH TO WATER (First Encountered)	15.5 fbg (05-Apr-06) ▽
REVIEWED BY	David Gibbs PG 7804	DEPTH TO WATER (Static)	NA ▼
REMARKS	Airknife to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					GP GM		**Poorly graded GRAVEL with silt** (GP-GM); light yellowish brown; wet; 10% silt, 10% fine sand, 80% fine to coarse gravels.	1.4	
							SILT with sand(ML); light greenish gray; moist; 20% clay, 65% silt, 15% sand; low plasticity.		
0		SB-4-4.4		5			**Gravelly SILT**(ML); brown; wet; 10% clay, 55% silt, 35% fine to coarse gravel; no plasticity.		
					ML		**SILT with sand**(ML); brown; dry to moist; 5% clay, 70% silt, 25% medium sand; no plasticity.		
0		SB-4-11.5		10			**SILT with sand**(ML); light greenish gray; moist; 5% clay, 70% silt, 25% medium sand; no plasticity.		
				15			▽	15.5	
1		SB-4-15.5			SC		**Clayey SAND**(SC); light gray; moist to wet; 15% clay, 85% fine to medium sand.	16.5	
					SP SC		**Poorly graded SAND with clay** (SP-SC); light gray; wet; 10% clay, 80% fine to medium sand, 10% fine gravel.	19.0	
				20			**CLAY** (CL); light brown; moist; 60% clay, 40% silt; medium plasticity.		
				25	CL		**CLAY with sand** (CL); brown; moist; 40% clay, 40% silt, 20% fine sand; low plasticity.		◄ Portland Type I/II
							CLAY (CL); brown; dry to moist; 50% clay, 50% silt; medium plasticity.		
							CLAY with sand(CL); brown; moist; 50% clay, 25% silt, 25% fine sand; low plasticity.	30.0	
				30					

WELL LOG (PID) G:\OA29F3~1\GINT5230 W MAC.GPJ DEFAULT.GDT 5/18/06

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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-4
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	04-Apr-06
LOCATION	230 W. MacArthur Blvd, Oakland, CA	**DRILLING COMPLETED**	05-Apr-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
				35	SC		**Clayey SAND** (SC); light gray; moist; 30% clay, 20% silt, 50% fine sand.		
							Clayey SAND(SC); light gray; moist; 20% clay, 20% silt, 60% fine sand.		
							Clayey SAND with gravel (SC); light brown; moist; 20% clay, 15% silt, 50% fine sand, 15% fine gravel.	37.0	
					SP SM		**Poorly graded SAND with silt** (SP-SM); grayish green; moist; 10% silt, 90% fine to medium sand.	39.0	
				40	SM		**Silty SAND** (SM); grayish green; moist; 15% silt, 85% fine to medium sand.	40.5	
							SILT with sand(ML); grayish green; moist; 25% clay, 60% silt, 15% sand; low plasticity.		
							SILT (ML); dark gray; dry to moist; 25% clay, 75% silt; low plasticity.		
				45	ML				
							SILT (ML); dark gray; dry; 25% clay, 75% silt; low plasticity.		
				50				50.0	Bottom of Boring @ 50 fbg

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	04-Apr-06
LOCATION	230 W. MacArthur Blvd, Oakland, CA	DRILLING COMPLETED	04-Apr-06
PROJECT NUMBER	248-0902-006	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	4"	SCREENED INTERVALS	NA
LOGGED BY	Ron Barone	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	David Gibbs PG 7804	DEPTH TO WATER (Static)	NA
REMARKS	Airknife to 4 fgb		

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	Portland Type I/II
					ML		**Gravelly SILT**(ML); dark gray; moist; 10% clay, 50% silt, 40% fine to coarse gravel.		
706		SB-5-3					**SILT with gravel**(ML); dark gray; moist to wet; 10% clay, 65% silt, 25% coarse gravel.	4.0	Bottom of Boring @ 4 fbg
							Gravelly SILT(ML); dark gray; wet; 50% silt, 45% coarse gravels, 5% concrete cobbles.		
							Due to concrete rubble and rebar, the boring could not be advanced beyond 4 fbg.		

WELL LOG (PID) G:\OA29F3~1\GINT5\230 W MAC.GPJ DEFAULT.GDT 5/23/06

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**	04-Apr-06
LOCATION	230 W. MacArthur Blvd, Oakland, CA	**DRILLING COMPLETED**	05-Apr-06
PROJECT NUMBER	248-0902-006	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push and Hollow Stem Auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	5"	**SCREENED INTERVALS**	NA
LOGGED BY	Ron Barone	**DEPTH TO WATER (First Encountered)**	13.5 fbg (05-Apr-06) ▽
REVIEWED BY	David Gibbs PG 7804	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Airknife to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							CONCRETE	0.8	
					ML		**Gravelly SILT** (ML); light brown; dry; 5% clay, 50% silt, 45% fine to coarse gravel.	3.0	
0		SB-6- 3			GM		**Silty GRAVEL** (GM); grayish brown; moist; 5% clay, 35% silt, 60% fine to coarse gravel.	5.5	
				5	ML		**Sandy SILT** (ML); dark brown; dry to moist; 20% clay, 50% silt, 30% fine sand; low plasitcity.	7.0	
6		SB-6- 6.5			SM		**Silty SAND** (SM); brown; dry; 40% silt, 60% fine sand; no plasticity.	9.0	◄ Portland Type I/II
10		SB-6- 9.5		10	ML		**Sandy SILT** (ML); brown; dry; 10% clay, 60% silt, 30% sand; no plasticity.	12.0	
88		SB-6- 12			SM		**Silty SAND** (SM); gray; moist; 10% clay, 40% silt, 50% fine sand. ▽ **Silty SAND with gravel** (SM); gray; wet; 5% clay, 20% silt, 50% fine sand, 25% fine to coarse gravel.	15.0	Bottom of Boring @ 15 fbg
				15					

WELL LOG (PID) G:\OA29F3~1\GINT\5230 W MAC.GPJ DEFAULT.GDT 5/18/06

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-7
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	04-Apr-06
LOCATION	230 W. MacArthur Blvd, Oakland, CA	**DRILLING COMPLETED**	06-Apr-06
PROJECT NUMBER	248-0902-006	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVALS**	NA
LOGGED BY	Ron Barone	**DEPTH TO WATER (First Encountered)**	16.0 fbg (06-Apr-06) ▽
REVIEWED BY	David Gibbs PG 7804	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Airknife to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							CONCRETE	0.7	
							SILT with sand (ML); light yellowish brown; dry; 15% clay, 60% silt, 25% fine sand; low plasticity.		
0		SB-7-5		5	ML		**Sandy SILT** (ML); light brown; moist; 5% clay, 60% silt, 35% fine to medium sand; no plasticity.		
1		SB-7-10		10			**SILT** (ML); brown; moist; 20% clay, 75% silt, 5% fine sand; low plasticity.	13.0	
							Poorly graded SAND with silt (SP-SM); grayish brown; wet; 5% clay, 10% silt, 85% fine sand. ▽		
0		SB-7-15		15	SP SM		**Poorly graded SAND with silt and gravel** (SP-SM); brown; wet; 5% clay, 10% silt, 60% sand, 25% fine gravel.	18.5	
							SILT (ML); brown; dry to moist; 40% clay, 60% silt; low to medium plasticity.		
				20					
				25	ML		**SILT with sand** (ML); light greenish gray; moist; 20% clay, 60% silt, 20% fine sand; low plasticity.		Portland Type I/II
				30					

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**	SB-7
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	04-Apr-06
LOCATION	230 W. MacArthur Blvd, Oakland, CA	**DRILLING COMPLETED**	06-Apr-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
							SILT (ML); light yellowish brown; moist; 35% clay, 65% silt; medium plasticity.	32.0	
					SM		**Silty SAND with gravel** (SM); brown; moist; 15% silt, 60% fine to medium sand, 25% coarse gravel.	34.0	
				35	ML		**SILT with sand** (ML); brown; moist; 5% clay, 70% silt, 25% fine to medium sand. LOW RECOVERY.	37.0	
				40	SM		**Silty SAND** (SM); greenish gray; moist; 5% clay, 10% silt, 85% fine to medium sand. **Silty SAND** (SM); greenish gray; moist; 5% clay, 20% silt, 75% fine sand.	42.5	
					ML		**SILT** (ML); greenish gray; moist; 25% clay, 75% silt; low plasticity. LOW RECOVERY	45.0	
				45	SM		**Silty SAND with gravel** (SM); greenish gray; moist; 20% silt, 50% fine sand, 30% fine gravel. LOW RECOVERY	48.0	Bottom of Boring @ 48 fbg

WELL LOG (PID) G:\OA29F3~1\GINT5\230 W MAC.GPJ DEFAULT.GDT 5/18/06

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

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-8/MW-5
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	04-Apr-06
LOCATION	230 W. MacArthur Blvd, Oakland, CA	**DRILLING COMPLETED**	06-Apr-06
PROJECT NUMBER	248-0902-006	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	77.34 ft above msl
DRILLING METHOD	Hydraulic push and Hollow Stem Auger	**TOP OF CASING ELEVATION**	76.97 ft above msl
BORING DIAMETER	10"	**SCREENED INTERVALS**	10 to 25 fbg
LOGGED BY	Ron Barone	**DEPTH TO WATER (First Encountered)**	15.0 fbg (06-Apr-06)
REVIEWED BY	David Gibbs PG 7804	**DEPTH TO WATER (Static)**	NA
REMARKS	Airknife to 5 fbg		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.8	Portland Type I/II
					ML		**SILT with sand**(ML); light yellowish brown; dry; 15% clay, 75% silt, 10% sand; no plasiticity.		
0.4		SB-8-5		5			**Sandy SILT**(ML); light brown; dry; 10% clay, 60% silt, 30% fine sand; no plasticity.		Bentonite Seal
11		SB-8-10		10			**Sandy SILT**(ML); brownish gray; dry; 10% clay, 60% silt, 30% fine sand; no plasticity.	13.0	
		SB-8-14			SM		**Silty SAND**(SM); brown; moist; 40% silt, 60% fine sand.	15.0 ▽	
				15	GP		**Poorly graded GRAVEL with sand** (GP); gray; wet; 5% silt, 30% fine sand, 65% fine gravel.	16.0	
					SP		**Poorly graded SAND** (SP); gray; wet; 100% fine sand.	17.0	Monterey Sand #2/12
					GP GM		**Poorly graded GRAVEL with silt and sand**(GP-GM); gray; wet; 10% silt, 25% fine to medium sand, 65% fine gravel. LOW RECOVERY.		4"-diam., 0.010" Slotted Schedule 40 PVC
				20				20.0	
					ML		**SILT with sand**(ML); brown; moist; 25% clay, 50% silt, 25% fine sand; low plasticity. LOW RECOVERY TO 28 fbg.		
				25					
							SILT (ML); brown; moist; 15% clay, 85% silt; low plasticity.	29.5	
				30					

WELL LOG (PID) G:\OA29F3~1\GINT\0230 W MAC.GPJ DEFAULT.GDT 5/18/06

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**	SB-8/MW-5
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	04-Apr-06
LOCATION	230 W. MacArthur Blvd, Oakland, CA	**DRILLING COMPLETED**	06-Apr-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
					SM		**Silty SAND**(SM); light yellowish brown; moist; 10% clay, 20% silt, 70% fine sand; no plasticity.		
							NO RECOVERY	32.0	
				35					
							Poorly graded SAND with silt (SP-SM); greenish gray; moist; 5% clay, 25% silt, 70% fine sand.	36.0	Native Backfill
					SP SM				
				40			**Poorly graded SAND with silt** (SP-SM); greenish gray; moist; 5% clay, 40% silt, 55% fine sand.	41.0	
							SILT with sand(ML); greenish gray; moist; 5% clay, 80% silt, 15% fine sand; no plasticity.		
					ML		**SILT** (ML); brown; dry; 40% clay, 60% silt; low plasticity.		
				45					
							SILT (ML); dark brown; dry; 25% clay, 75% silt; no to low plasticity.	48.0	Bottom of Boring @ 48 fbg

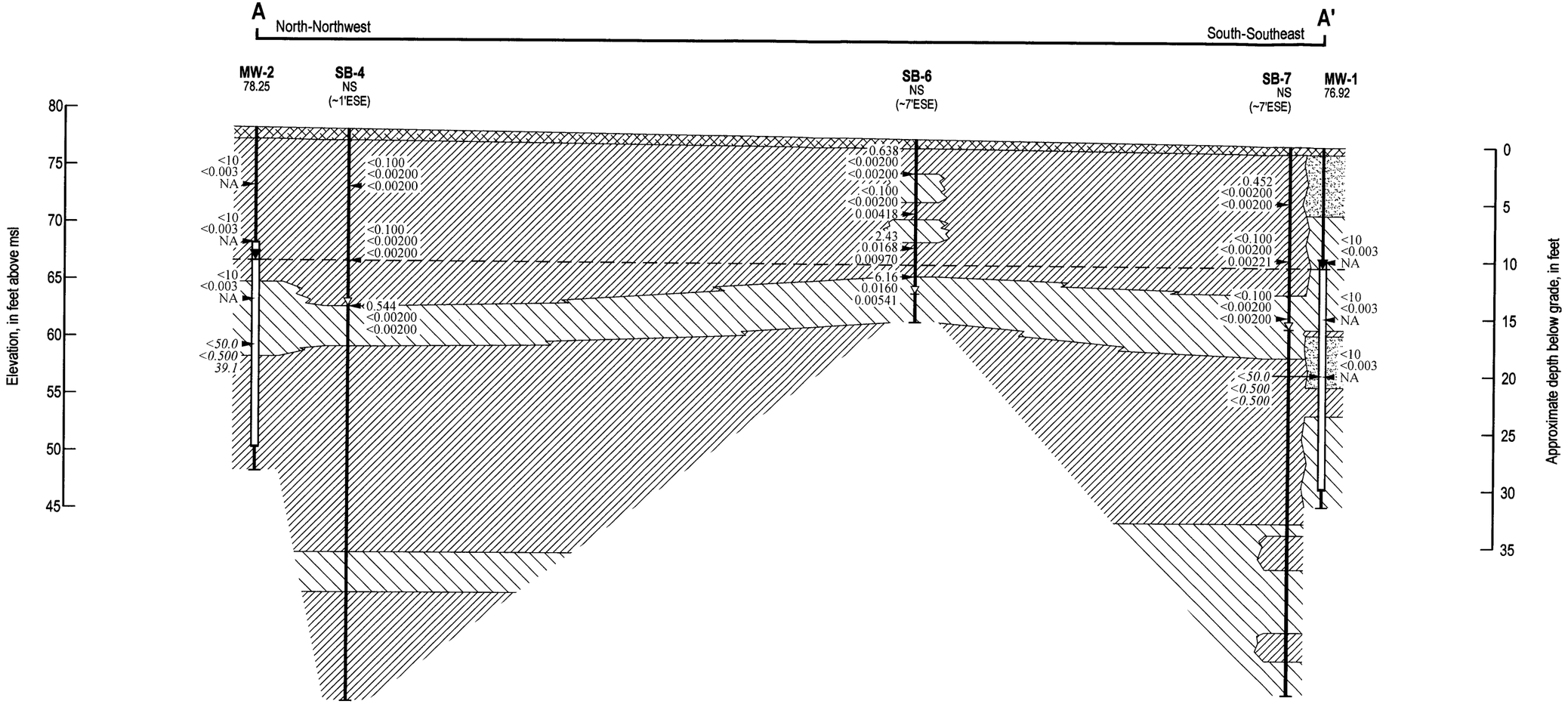
WELL LOG (PID) G:\OA29F3~1\GINT\5230 W MAC.GPJ DEFAULT.GDT 5/18/06

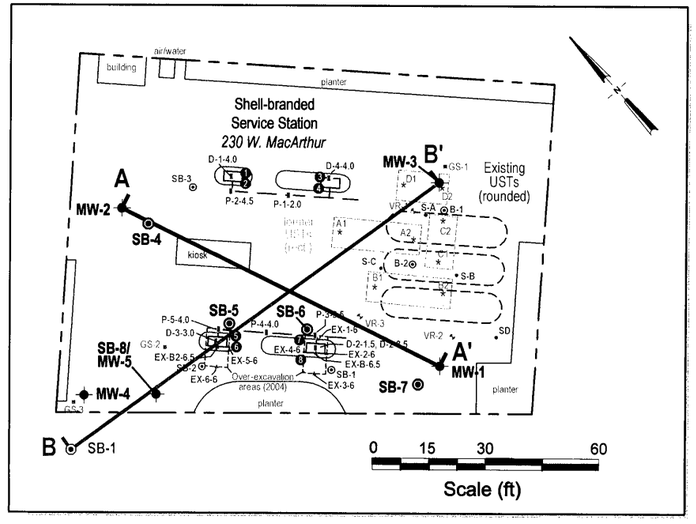
ATTACHMENT D

Geologic Cross-sections

05/23/06

Geological Cross-Section A-A'





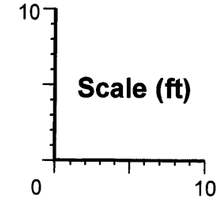
EXPLANATION

- Low Estimated Permeability Soils - Clay, Sandy Clay, Silt
- Moderate Estimated Permeability Soils - Clayey Sand, Silty Sand, Silty Gravel
- High Estimated Permeability Soils - Sand, Gravel

- Approximate soil sample location
- TPHg / Benzene / MTBE — Hydrocarbon concentrations in Soil, in ppm
- NA — Not analyzed or not available

Well ID — Well Designation
Elev. (offset) — Top of Casing Elevation
— Groundwater Monitoring Well
— Well Screen Interval
— Bottom of boring

- Depth of first encountered Groundwater
- Depth to Groundwater - 3/30/06
- Approximate groundwater sample location
- *TPHg / Benzene / MTBE* — Hydrocarbon concentrations in Groundwater, in ppb - 3/30/06, unless otherwise noted



Shell-branded Service Station
230 West MacArthur Boulevard
Oakland, California
Incident No.98995741

CAMBRIA

G:\OAKLAND 230 W. MACARTHUR\FIGURES\A-A'.DWG

05/23/06

Geological Cross-Section B-B'

B West — B' East

SB-1 NS | **MW-4** 76.82 (~10S) | **SB-8/MW-5** 76.97 (~1'N) | **SB-5** NS (~2'S) | **SB-6** NS (~11'N) | **MW-3** 77.69

Elevation, in feet above msl: 80, 75, 70, 65, 60, 55, 50, 45

Approximate depth below grade, in feet: 0, 5, 10, 15, 20, 25, 30, 35

SB-1: <1.0 / <0.0050 / <0.0050 — <1.0 / <0.0050 / <0.0050 — <1.0 / <0.0050 / 0.0078 — 12 / <0.025 / <0.025 — 43 / <0.024 / <0.024

MW-4: 2,740 / 2.01 / 222

SB-8/MW-5: <0.100 / <0.00200 / <0.00200 — <0.100 / 0.00340 / <0.00200 — 0.942 / 0.0588 / 0.00855

SB-5: 1,510 / 2.90 / 0.0403

SB-6: 0.638 / <0.00200 / <0.00200 — <0.100 / <0.00200 / 0.00418 — 2.43 / 0.0168 / 0.00970 — 6.16 / 0.0160 / 0.00541

USTs

MW-3: 278 / <0.05 / NA — <10 / <0.003 / NA — <10 / <0.003 / NA — *<50.0* / *<0.500* / *1.72*

EXPLANATION

- Low Estimated Permeability Soils - Clay, Sandy Clay, Silt
- Moderate Estimated Permeability Soils - Clayey Sand, Silty Sand, Silty Gravel
- High Estimated Permeability Soils - Sand, Gravel
- UST Pit Backfill
- Approximate soil sample location
- TPHg / Benzene / MTBE — Hydrocarbon concentrations in Soil, in ppm
- NA — Not analyzed or not available

Well ID — Well Designation
Elev. (offset) — Top of Casing Elevation
— Groundwater Monitoring Well
— Well Screen Interval
— Bottom of boring

- Depth of first encountered Groundwater
- Depth to Groundwater - 3/30/06
- Approximate groundwater sample location
- *TPHg / Benzene / MTBE* — Hydrocarbon concentrations in Groundwater, in ppb - 3/30/06, unless otherwise noted

Bold values exceed RWQCB ESL

10 — Scale (ft) — 0 10

Shell-branded Service Station
230 West MacArthur Boulevard
Oakland, California
Incident No.98995741

CAMBRIA

G:\OAKLAND 230 W. MACARTHUR\FIGURES\B-B' DWG

ATTACHMENT E

Laboratory Analytical Reports

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

April 21, 2006

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

Work Order: NPD1296
Project Name: 230 W MacArthur Blvd., Oakland, CA
Project Nbr: SAP 135676
P/O Nbr: 98995741
Date Received: 04/12/06

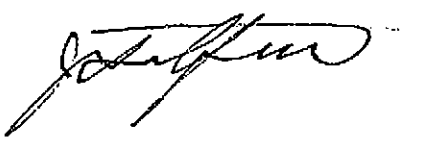
SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
SB-4-5	NPD1296-01	04/04/06 08:40
SB-7-5	NPD1296-02	04/04/06 09:50
SB-6-3	NPD1296-03	04/04/06 11:00
SB-5-3	NPD1296-04	04/04/06 12:25
SB-8-5	NPD1296-05	04/04/06 16:45
SB-4-11.5	NPD1296-06	04/05/06 08:00
SB-4-15.5	NPD1296-07	04/05/06 08:10
SB-4-W1	NPD1296-08	04/05/06 08:15
SB-6-6.5	NPD1296-09	04/05/06 13:30
SB-6-9.5	NPD1296-10	04/05/06 13:35
SB-6-12.0	NPD1296-11	04/06/06 08:00
SB-7-10	NPD1296-12	04/06/06 08:50
SB-7-15	NPD1296-13	04/06/06 09:00
SB-7-W1	NPD1296-14	04/06/06 09:15
SB-8-10	NPD1296-15	04/06/06 12:10
SB-8-14	NPD1296-16	04/06/06 12:20
SB-8-W1	NPD1296-17	04/06/06 12:40

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

California Certification Number: 01168CA

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

Report Approved By:



Jim Hatfield
Project Management

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

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD1296-01 (SB-4-5 - Soil) Sampled: 04/04/06 08:40								
General Chemistry Parameters								
% Dry Solids	**82.6**		%	0.500	1	04/17/06 17:52	SW-846	6042538
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	04/18/06 20:37	SW846 8260B	6041973
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	04/18/06 20:37	SW846 8260B	6041973
Ethylbenzene	ND		mg/kg	0.00200	1	04/18/06 20:37	SW846 8260B	6041973
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	04/18/06 20:37	SW846 8260B	6041973
Diisopropyl Ether	ND		mg/kg	0.00200	1	04/18/06 20:37	SW846 8260B	6041973
Toluene	ND		mg/kg	0.00200	1	04/18/06 20:37	SW846 8260B	6041973
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	04/18/06 20:37	SW846 8260B	6041973
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	04/18/06 20:37	SW846 8260B	6041973
Xylenes, total	ND		mg/kg	0.00500	1	04/18/06 20:37	SW846 8260B	6041973
Surr: 1,2-Dichloroethane-d4 (72-125%)	*111 %*					*04/18/06 20:37*	*SW846 8260B*	*6041973*
Surr: Dibromofluoromethane (73-124%)	*106 %*					*04/18/06 20:37*	*SW846 8260B*	*6041973*
Surr: Toluene-d8 (80-124%)	*105 %*					*04/18/06 20:37*	*SW846 8260B*	*6041973*
Surr: 4-Bromofluorobenzene (25-185%)	*103 %*					*04/18/06 20:37*	*SW846 8260B*	*6041973*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		mg/kg	0.100	1	04/18/06 20:37	CA LUFT GC/MS	6041973
Sample ID: NPD1296-02 (SB-7-5 - Soil) Sampled: 04/04/06 09:50								
General Chemistry Parameters								
% Dry Solids	**79.5**		%	0.500	1	04/17/06 17:52	SW-846	6042538
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	04/18/06 21:07	SW846 8260B	6041973
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	04/18/06 21:07	SW846 8260B	6041973
Ethylbenzene	**0.00325**		mg/kg	0.00200	1	04/18/06 21:07	SW846 8260B	6041973
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	04/18/06 21:07	SW846 8260B	6041973
Diisopropyl Ether	ND		mg/kg	0.00200	1	04/18/06 21:07	SW846 8260B	6041973
Toluene	ND		mg/kg	0.00200	1	04/18/06 21:07	SW846 8260B	6041973
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	04/18/06 21:07	SW846 8260B	6041973
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	04/18/06 21:07	SW846 8260B	6041973
Xylenes, total	**0.0199**		mg/kg	0.00500	1	04/18/06 21:07	SW846 8260B	6041973
Surr: 1,2-Dichloroethane-d4 (72-125%)	*104 %*					*04/18/06 21:07*	*SW846 8260B*	*6041973*
Surr: Dibromofluoromethane (73-124%)	*104 %*					*04/18/06 21:07*	*SW846 8260B*	*6041973*
Surr: Toluene-d8 (80-124%)	*104 %*					*04/18/06 21:07*	*SW846 8260B*	*6041973*
Surr: 4-Bromofluorobenzene (25-185%)	*106 %*					*04/18/06 21:07*	*SW846 8260B*	*6041973*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**0.452**		mg/kg	0.100	1	04/18/06 21:07	CA LUFT GC/MS	6041973

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD1296-03 (SB-6-3 - Soil) Sampled: 04/04/06 11:00								
General Chemistry Parameters								
% Dry Solids	**88.3**		%	0.500	1	04/17/06 17:52	SW-846	6042538
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	04/18/06 21:36	SW846 8260B	6041973
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	04/18/06 21:36	SW846 8260B	6041973
Ethylbenzene	ND		mg/kg	0.00200	1	04/18/06 21:36	SW846 8260B	6041973
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	04/18/06 21:36	SW846 8260B	6041973
Diisopropyl Ether	ND		mg/kg	0.00200	1	04/18/06 21:36	SW846 8260B	6041973
Toluene	ND		mg/kg	0.00200	1	04/18/06 21:36	SW846 8260B	6041973
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	04/18/06 21:36	SW846 8260B	6041973
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	04/18/06 21:36	SW846 8260B	6041973
Xylenes, total	ND		mg/kg	0.00500	1	04/18/06 21:36	SW846 8260B	6041973
Surr: 1,2-Dichloroethane-d4 (72-125%)	*100 %*					*04/18/06 21:36*	*SW846 8260B*	*6041973*
Surr: Dibromofluoromethane (73-124%)	*103 %*					*04/18/06 21:36*	*SW846 8260B*	*6041973*
Surr: Toluene-d8 (80-124%)	*106 %*					*04/18/06 21:36*	*SW846 8260B*	*6041973*
Surr: 4-Bromofluorobenzene (25-185%)	*108 %*					*04/18/06 21:36*	*SW846 8260B*	*6041973*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**0.638**		mg/kg	0.100	1	04/18/06 21:36	CA LUFT GC/MS	6041973
Sample ID: NPD1296-04 (SB-5-3 - Soil) Sampled: 04/04/06 12:25								
General Chemistry Parameters								
% Dry Solids	**81.3**		%	0.500	1	04/17/06 17:52	SW-846	6042538
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**0.934**	E	mg/kg	0.00200	1	04/18/06 22:36	SW846 8260B	6041973
Benzene	**2.90**	H2	mg/kg	0.100	50	04/19/06 10:02	SW846 8260B	6042726
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	04/18/06 22:36	SW846 8260B	6041973
Ethylbenzene	**0.700**	E	mg/kg	0.00200	1	04/18/06 22:36	SW846 8260B	6041973
Ethylbenzene	**9.46**	H2	mg/kg	1.00	500	04/19/06 11:01	SW846 8260B	6042726
Methyl tert-Butyl Ether	**0.00403**		mg/kg	0.00200	1	04/18/06 22:36	SW846 8260B	6041973
Diisopropyl Ether	**0.0142**		mg/kg	0.00200	1	04/18/06 22:36	SW846 8260B	6041973
Toluene	**1.15**	E	mg/kg	0.00200	1	04/18/06 22:36	SW846 8260B	6041973
Toluene	**9.47**	H2	mg/kg	0.100	50	04/19/06 10:02	SW846 8260B	6042726
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	04/18/06 22:36	SW846 8260B	6041973
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	04/18/06 22:36	SW846 8260B	6041973
Xylenes, total	**2.46**	E	mg/kg	0.00500	1	04/18/06 22:36	SW846 8260B	6041973
Xylenes, total	**70.6**	H2	mg/kg	2.50	500	04/19/06 11:01	SW846 8260B	6042726
Surr: 1,2-Dichloroethane-d4 (72-125%)	*103 %*					*04/18/06 22:36*	*SW846 8260B*	*6041973*
Surr: 1,2-Dichloroethane-d4 (72-125%)	*96 %*					*04/19/06 10:02*	*SW846 8260B*	*6042726*
Surr: Dibromofluoromethane (73-124%)	*102 %*					*04/18/06 22:36*	*SW846 8260B*	*6041973*
Surr: Dibromofluoromethane (73-124%)	*97 %*					*04/19/06 10:02*	*SW846 8260B*	*6042726*
Surr: Toluene-d8 (80-124%)	*210 %*	*ZX*				*04/18/06 22:36*	*SW846 8260B*	*6041973*
Surr: Toluene-d8 (80-124%)	*141 %*	*ZX*				*04/19/06 10:02*	*SW846 8260B*	*6042726*
Surr: 4-Bromofluorobenzene (25-185%)	*51 %*					*04/18/06 22:36*	*SW846 8260B*	*6041973*
Surr: 4-Bromofluorobenzene (25-185%)	*85 %*					*04/19/06 10:02*	*SW846 8260B*	*6042726*

TestAmerica
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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD1296-04 (SB-5-3 - Soil) - cont. Sampled: 04/04/06 12:25								
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**1510**	H2	mg/kg	500	5000	04/20/06 16:57	CA LUFT GC/MS	6043494
Surr: 1,2-Dichloroethane-d4 (0-200%)	*99 %*					*04/20/06 16:57*	*CA LUFT GC/MS*	*6043494*
Surr: Dibromofluoromethane (0-200%)	*104 %*					*04/20/06 16:57*	*CA LUFT GC/MS*	*6043494*
Surr: Toluene-d8 (0-200%)	*106 %*					*04/20/06 16:57*	*CA LUFT GC/MS*	*6043494*
Surr: 4-Bromofluorobenzene (0-200%)	*100 %*					*04/20/06 16:57*	*CA LUFT GC/MS*	*6043494*
Sample ID: NPD1296-05 (SB-8-5 - Soil) Sampled: 04/04/06 16:45								
General Chemistry Parameters								
% Dry Solids	**86.6**		%	0.500	1	04/17/06 17:52	SW-846	6042538
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	04/18/06 23:06	SW846 8260B	6042726
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	04/18/06 23:06	SW846 8260B	6042726
Ethylbenzene	ND		mg/kg	0.00200	1	04/18/06 23:06	SW846 8260B	6042726
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	04/18/06 23:06	SW846 8260B	6042726
Diisopropyl Ether	ND		mg/kg	0.00200	1	04/18/06 23:06	SW846 8260B	6042726
Toluene	ND		mg/kg	0.00200	1	04/18/06 23:06	SW846 8260B	6042726
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	04/18/06 23:06	SW846 8260B	6042726
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	04/18/06 23:06	SW846 8260B	6042726
Xylenes, total	ND		mg/kg	0.00500	1	04/18/06 23:06	SW846 8260B	6042726
Surr: 1,2-Dichloroethane-d4 (72-125%)	*89 %*					*04/18/06 23:06*	*SW846 8260B*	*6042726*
Surr: Dibromofluoromethane (73-124%)	*97 %*					*04/18/06 23:06*	*SW846 8260B*	*6042726*
Surr: Toluene-d8 (80-124%)	*103 %*					*04/18/06 23:06*	*SW846 8260B*	*6042726*
Surr: 4-Bromofluorobenzene (25-185%)	*103 %*					*04/18/06 23:06*	*SW846 8260B*	*6042726*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		mg/kg	0.100	1	04/18/06 23:06	CA LUFT GC/MS	6042726
Sample ID: NPD1296-06 (SB-4-11.5 - Soil) Sampled: 04/05/06 08:00								
General Chemistry Parameters								
% Dry Solids	**81.9**		%	0.500	1	04/17/06 17:52	SW-846	6042538
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	04/18/06 23:36	SW846 8260B	6041973
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	04/18/06 23:36	SW846 8260B	6041973
Ethylbenzene	ND		mg/kg	0.00200	1	04/18/06 23:36	SW846 8260B	6041973
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	04/18/06 23:36	SW846 8260B	6041973
Diisopropyl Ether	ND		mg/kg	0.00200	1	04/18/06 23:36	SW846 8260B	6041973
Toluene	ND		mg/kg	0.00200	1	04/18/06 23:36	SW846 8260B	6041973
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	04/18/06 23:36	SW846 8260B	6041973
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	04/18/06 23:36	SW846 8260B	6041973
Xylenes, total	ND		mg/kg	0.00500	1	04/18/06 23:36	SW846 8260B	6041973
Surr: 1,2-Dichloroethane-d4 (72-125%)	*89 %*					*04/18/06 23:36*	*SW846 8260B*	*6041973*
Surr: Dibromofluoromethane (73-124%)	*94 %*					*04/18/06 23:36*	*SW846 8260B*	*6041973*
Surr: Toluene-d8 (80-124%)	*103 %*					*04/18/06 23:36*	*SW846 8260B*	*6041973*
Surr: 4-Bromofluorobenzene (25-185%)	*102 %*					*04/18/06 23:36*	*SW846 8260B*	*6041973*

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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD1296-06 (SB-4-11.5 - Soil) - cont. Sampled: 04/05/06 08:00								
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		mg/kg	0.100	1	04/18/06 23:36	CA LUFT GC/MS	6041973
Sample ID: NPD1296-07 (SB-4-15.5 - Soil) Sampled: 04/05/06 08:10								
General Chemistry Parameters								
% Dry Solids	**80.1**		%	0.500	1	04/17/06 17:52	SW-846	6042538
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	04/19/06 00:06	SW846 8260B	6041973
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	04/19/06 00:06	SW846 8260B	6041973
Ethylbenzene	**0.00995**		mg/kg	0.00200	1	04/19/06 00:06	SW846 8260B	6041973
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	04/19/06 00:06	SW846 8260B	6041973
Diisopropyl Ether	ND		mg/kg	0.00200	1	04/19/06 00:06	SW846 8260B	6041973
Toluene	**0.119**		mg/kg	0.00200	1	04/19/06 00:06	SW846 8260B	6041973
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	04/19/06 00:06	SW846 8260B	6041973
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	04/19/06 00:06	SW846 8260B	6041973
Xylenes, total	**0.0388**		mg/kg	0.00500	1	04/19/06 00:06	SW846 8260B	6041973
Surr: 1,2-Dichloroethane-d4 (72-125%)	*95 %*					*04/19/06 00:06*	*SW846 8260B*	*6041973*
Surr: Dibromofluoromethane (73-124%)	*98 %*					*04/19/06 00:06*	*SW846 8260B*	*6041973*
Surr: Toluene-d8 (80-124%)	*102 %*					*04/19/06 00:06*	*SW846 8260B*	*6041973*
Surr: 4-Bromofluorobenzene (25-185%)	*103 %*					*04/19/06 00:06*	*SW846 8260B*	*6041973*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**0.544**		mg/kg	0.100	1	04/19/06 00:06	CA LUFT GC/MS	6041973
Sample ID: NPD1296-08 (SB-4-W1 - Water) Sampled: 04/05/06 08:15								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	04/19/06 06:08	SW846 8260B	6043010
Benzene	ND		ug/L	1.00	1	04/19/06 06:08	SW846 8260B	6043010
Ethylbenzene	**3.92**		ug/L	1.00	1	04/19/06 06:08	SW846 8260B	6043010
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/06 06:08	SW846 8260B	6043010
Toluene	**50.4**		ug/L	1.00	1	04/19/06 06:08	SW846 8260B	6043010
Diisopropyl Ether	ND		ug/L	1.00	1	04/19/06 06:08	SW846 8260B	6043010
Methyl tert-Butyl Ether	**29.2**		ug/L	1.00	1	04/19/06 06:08	SW846 8260B	6043010
Tertiary Butyl Alcohol	**15.1**		ug/L	10.0	1	04/19/06 06:08	SW846 8260B	6043010
Xylenes, total	**13.3**		ug/L	3.00	1	04/19/06 06:08	SW846 8260B	6043010
Surr: 1,2-Dichloroethane-d4 (70-130%)	*100 %*					*04/19/06 06:08*	*SW846 8260B*	*6043010*
Surr: Dibromofluoromethane (79-122%)	*108 %*					*04/19/06 06:08*	*SW846 8260B*	*6043010*
Surr: Toluene-d8 (78-121%)	*102 %*					*04/19/06 06:08*	*SW846 8260B*	*6043010*
Surr: 4-Bromofluorobenzene (78-126%)	*105 %*					*04/19/06 06:08*	*SW846 8260B*	*6043010*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	04/19/06 06:08	CA LUFT GC/MS	6043010

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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD1296-09 (SB-6-6.5 - Soil) Sampled: 04/05/06 13:30								
General Chemistry Parameters								
% Dry Solids	**76.8**		%	0.500	1	04/17/06 17:52	SW-846	6042538
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	04/19/06 00:35	SW846 8260B	6042726
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	04/19/06 00:35	SW846 8260B	6042726
Ethylbenzene	ND		mg/kg	0.00200	1	04/19/06 00:35	SW846 8260B	6042726
Methyl tert-Butyl Ether	**0.00418**		mg/kg	0.00200	1	04/19/06 00:35	SW846 8260B	6042726
Diisopropyl Ether	ND		mg/kg	0.00200	1	04/19/06 00:35	SW846 8260B	6042726
Toluene	ND		mg/kg	0.00200	1	04/19/06 00:35	SW846 8260B	6042726
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	04/19/06 00:35	SW846 8260B	6042726
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	04/19/06 00:35	SW846 8260B	6042726
Xylenes, total	ND		mg/kg	0.00500	1	04/19/06 00:35	SW846 8260B	6042726
Surr: 1,2-Dichloroethane-d4 (72-125%)	*113 %*					*04/19/06 00:35*	*SW846 8260B*	*6042726*
Surr: Dibromofluoromethane (73-124%)	*101 %*					*04/19/06 00:35*	*SW846 8260B*	*6042726*
Surr: Toluene-d8 (80-124%)	*103 %*					*04/19/06 00:35*	*SW846 8260B*	*6042726*
Surr: 4-Bromofluorobenzene (25-185%)	*96 %*					*04/19/06 00:35*	*SW846 8260B*	*6042726*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		mg/kg	0.100	1	04/19/06 00:35	CA LUFT GC/MS	6042726
Sample ID: NPD1296-10 (SB-6-9.5 - Soil) Sampled: 04/05/06 13:35								
General Chemistry Parameters								
% Dry Solids	**84.5**		%	0.500	1	04/17/06 17:52	SW-846	6042538
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**0.0168**		mg/kg	0.00200	1	04/19/06 01:05	SW846 8260B	6041973
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	04/19/06 01:05	SW846 8260B	6041973
Ethylbenzene	**0.00746**		mg/kg	0.00200	1	04/19/06 01:05	SW846 8260B	6041973
Methyl tert-Butyl Ether	**0.00970**		mg/kg	0.00200	1	04/19/06 01:05	SW846 8260B	6041973
Diisopropyl Ether	ND		mg/kg	0.00200	1	04/19/06 01:05	SW846 8260B	6041973
Toluene	ND		mg/kg	0.00200	1	04/19/06 01:05	SW846 8260B	6041973
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	04/19/06 01:05	SW846 8260B	6041973
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	04/19/06 01:05	SW846 8260B	6041973
Xylenes, total	ND		mg/kg	0.00500	1	04/19/06 01:05	SW846 8260B	6041973
Surr: 1,2-Dichloroethane-d4 (72-125%)	*96 %*					*04/19/06 01:05*	*SW846 8260B*	*6041973*
Surr: Dibromofluoromethane (73-124%)	*98 %*					*04/19/06 01:05*	*SW846 8260B*	*6041973*
Surr: Toluene-d8 (80-124%)	*106 %*					*04/19/06 01:05*	*SW846 8260B*	*6041973*
Surr: 4-Bromofluorobenzene (25-185%)	*108 %*					*04/19/06 01:05*	*SW846 8260B*	*6041973*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**2.43**		mg/kg	0.100	1	04/19/06 01:05	CA LUFT GC/MS	6041973

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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD1296-11 (SB-6-12.0 - Soil) Sampled: 04/06/06 08:00								
General Chemistry Parameters								
% Dry Solids	**85.1**		%	0.500	1	04/17/06 17:52	SW-846	6042538
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**0.0160**		mg/kg	0.00200	1	04/19/06 01:35	SW846 8260B	6041973
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	04/19/06 01:35	SW846 8260B	6041973
Ethylbenzene	**0.0319**		mg/kg	0.00200	1	04/19/06 01:35	SW846 8260B	6041973
Methyl tert-Butyl Ether	**0.00541**		mg/kg	0.00200	1	04/19/06 01:35	SW846 8260B	6041973
Diisopropyl Ether	ND		mg/kg	0.00200	1	04/19/06 01:35	SW846 8260B	6041973
Toluene	ND		mg/kg	0.00200	1	04/19/06 01:35	SW846 8260B	6041973
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	04/19/06 01:35	SW846 8260B	6041973
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	04/19/06 01:35	SW846 8260B	6041973
Xylenes, total	**0.0222**		mg/kg	0.00500	1	04/19/06 01:35	SW846 8260B	6041973
Surr: 1,2-Dichloroethane-d4 (72-125%)	*92 %*					*04/19/06 01:35*	*SW846 8260B*	*6041973*
Surr: Dibromofluoromethane (73-124%)	*95 %*					*04/19/06 01:35*	*SW846 8260B*	*6041973*
Surr: Toluene-d8 (80-124%)	*113 %*					*04/19/06 01:35*	*SW846 8260B*	*6041973*
Surr: 4-Bromofluorobenzene (25-185%)	*115 %*					*04/19/06 01:35*	*SW846 8260B*	*6041973*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**6.16**		mg/kg	5.00	50	04/20/06 16:35	CA LUFT GC/MS	6043494
Surr: 1,2-Dichloroethane-d4 (0-200%)	*99 %*					*04/20/06 16:35*	*CA LUFT GC/MS*	*6043494*
Surr: Dibromofluoromethane (0-200%)	*106 %*					*04/20/06 16:35*	*CA LUFT GC/MS*	*6043494*
Surr: Toluene-d8 (0-200%)	*104 %*					*04/20/06 16:35*	*CA LUFT GC/MS*	*6043494*
Surr: 4-Bromofluorobenzene (0-200%)	*102 %*					*04/20/06 16:35*	*CA LUFT GC/MS*	*6043494*
Sample ID: NPD1296-12 (SB-7-10 - Soil) Sampled: 04/06/06 08:50								
General Chemistry Parameters								
% Dry Solids	**75.0**		%	0.500	1	04/17/06 17:52	SW-846	6042538
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	04/19/06 05:34	SW846 8260B	6042726
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	04/19/06 05:34	SW846 8260B	6042726
Ethylbenzene	ND		mg/kg	0.00200	1	04/19/06 05:34	SW846 8260B	6042726
Methyl tert-Butyl Ether	**0.00221**		mg/kg	0.00200	1	04/19/06 05:34	SW846 8260B	6042726
Diisopropyl Ether	ND		mg/kg	0.00200	1	04/19/06 05:34	SW846 8260B	6042726
Toluene	ND		mg/kg	0.00200	1	04/19/06 05:34	SW846 8260B	6042726
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	04/19/06 05:34	SW846 8260B	6042726
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	04/19/06 05:34	SW846 8260B	6042726
Xylenes, total	ND		mg/kg	0.00500	1	04/19/06 05:34	SW846 8260B	6042726
Surr: 1,2-Dichloroethane-d4 (72-125%)	*88 %*					*04/19/06 05:34*	*SW846 8260B*	*6042726*
Surr: Dibromofluoromethane (73-124%)	*94 %*					*04/19/06 05:34*	*SW846 8260B*	*6042726*
Surr: Toluene-d8 (80-124%)	*104 %*					*04/19/06 05:34*	*SW846 8260B*	*6042726*
Surr: 4-Bromofluorobenzene (25-185%)	*104 %*					*04/19/06 05:34*	*SW846 8260B*	*6042726*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		mg/kg	0.100	1	04/19/06 05:34	CA LUFT GC/MS	6042726

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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD1296-13 (SB-7-15 - Soil) Sampled: 04/06/06 09:00								
General Chemistry Parameters								
% Dry Solids	83.2		%	0.500	1	04/17/06 17:52	SW-846	6042538
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	04/19/06 06:03	SW846 8260B	6042726
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	04/19/06 06:03	SW846 8260B	6042726
Ethylbenzene	ND		mg/kg	0.00200	1	04/19/06 06:03	SW846 8260B	6042726
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	04/19/06 06:03	SW846 8260B	6042726
Diisopropyl Ether	ND		mg/kg	0.00200	1	04/19/06 06:03	SW846 8260B	6042726
Toluene	ND		mg/kg	0.00200	1	04/19/06 06:03	SW846 8260B	6042726
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	04/19/06 06:03	SW846 8260B	6042726
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	04/19/06 06:03	SW846 8260B	6042726
Xylenes, total	ND		mg/kg	0.00500	1	04/19/06 06:03	SW846 8260B	6042726
Surr: 1,2-Dichloroethane-d4 (72-125%)	*91 %*					*04/19/06 06:03*	*SW846 8260B*	*6042726*
Surr: Dibromofluoromethane (73-124%)	*97 %*					*04/19/06 06:03*	*SW846 8260B*	*6042726*
Surr: Toluene-d8 (80-124%)	*104 %*					*04/19/06 06:03*	*SW846 8260B*	*6042726*
Surr: 4-Bromofluorobenzene (25-185%)	*103 %*					*04/19/06 06:03*	*SW846 8260B*	*6042726*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		mg/kg	0.100	1	04/19/06 06:03	CA LUFT GC/MS	6042726
Sample ID: NPD1296-14 (SB-7-W1 - Water) Sampled: 04/06/06 09:15								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	04/19/06 06:30	SW846 8260B	6043010
Benzene	ND		ug/L	1.00	1	04/19/06 06:30	SW846 8260B	6043010
Ethylbenzene	ND		ug/L	1.00	1	04/19/06 06:30	SW846 8260B	6043010
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/06 06:30	SW846 8260B	6043010
Toluene	ND		ug/L	1.00	1	04/19/06 06:30	SW846 8260B	6043010
Diisopropyl Ether	ND		ug/L	1.00	1	04/19/06 06:30	SW846 8260B	6043010
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/06 06:30	SW846 8260B	6043010
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	04/19/06 06:30	SW846 8260B	6043010
Xylenes, total	ND		ug/L	3.00	1	04/19/06 06:30	SW846 8260B	6043010
Surr: 1,2-Dichloroethane-d4 (70-130%)	*98 %*					*04/19/06 06:30*	*SW846 8260B*	*6043010*
Surr: Dibromofluoromethane (79-122%)	*106 %*					*04/19/06 06:30*	*SW846 8260B*	*6043010*
Surr: Toluene-d8 (78-121%)	*104 %*					*04/19/06 06:30*	*SW846 8260B*	*6043010*
Surr: 4-Bromofluorobenzene (78-126%)	*104 %*					*04/19/06 06:30*	*SW846 8260B*	*6043010*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	04/19/06 06:30	CA LUFT GC/MS	6043010

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

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD1296-15 (SB-8-10 - Soil) Sampled: 04/06/06 12:10								
General Chemistry Parameters								
% Dry Solids	**77.3**		%	0.500	1	04/17/06 17:52	SW-846	6042538
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**0.00340**		mg/kg	0.00200	1	04/19/06 06:33	SW846 8260B	6042726
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	04/19/06 06:33	SW846 8260B	6042726
Ethylbenzene	ND		mg/kg	0.00200	1	04/19/06 06:33	SW846 8260B	6042726
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	04/19/06 06:33	SW846 8260B	6042726
Diisopropyl Ether	ND		mg/kg	0.00200	1	04/19/06 06:33	SW846 8260B	6042726
Toluene	ND		mg/kg	0.00200	1	04/19/06 06:33	SW846 8260B	6042726
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	04/19/06 06:33	SW846 8260B	6042726
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	04/19/06 06:33	SW846 8260B	6042726
Xylenes, total	ND		mg/kg	0.00500	1	04/19/06 06:33	SW846 8260B	6042726
Surr: 1,2-Dichloroethane-d4 (72-125%)	*99 %*					*04/19/06 06:33*	*SW846 8260B*	*6042726*
Surr: Dibromofluoromethane (73-124%)	*98 %*					*04/19/06 06:33*	*SW846 8260B*	*6042726*
Surr: Toluene-d8 (80-124%)	*100 %*					*04/19/06 06:33*	*SW846 8260B*	*6042726*
Surr: 4-Bromofluorobenzene (25-185%)	*99 %*					*04/19/06 06:33*	*SW846 8260B*	*6042726*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		mg/kg	0.100	1	04/19/06 06:33	CA LUFT GC/MS	6042726
Sample ID: NPD1296-16 (SB-8-14 - Soil) Sampled: 04/06/06 12:20								
General Chemistry Parameters								
% Dry Solids	**79.0**		%	0.500	1	04/17/06 17:52	SW-846	6042538
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**0.0588**		mg/kg	0.00200	1	04/19/06 02:05	SW846 8260B	6041973
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	04/19/06 02:05	SW846 8260B	6041973
Ethylbenzene	**0.00416**		mg/kg	0.00200	1	04/19/06 02:05	SW846 8260B	6041973
Methyl tert-Butyl Ether	**0.00855**		mg/kg	0.00200	1	04/19/06 02:05	SW846 8260B	6041973
Diisopropyl Ether	**0.0132**		mg/kg	0.00200	1	04/19/06 02:05	SW846 8260B	6041973
Toluene	**0.00204**		mg/kg	0.00200	1	04/19/06 02:05	SW846 8260B	6041973
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	04/19/06 02:05	SW846 8260B	6041973
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	04/19/06 02:05	SW846 8260B	6041973
Xylenes, total	ND		mg/kg	0.00500	1	04/19/06 02:05	SW846 8260B	6041973
Surr: 1,2-Dichloroethane-d4 (72-125%)	*90 %*					*04/19/06 02:05*	*SW846 8260B*	*6041973*
Surr: Dibromofluoromethane (73-124%)	*97 %*					*04/19/06 02:05*	*SW846 8260B*	*6041973*
Surr: Toluene-d8 (80-124%)	*103 %*					*04/19/06 02:05*	*SW846 8260B*	*6041973*
Surr: 4-Bromofluorobenzene (25-185%)	*101 %*					*04/19/06 02:05*	*SW846 8260B*	*6041973*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**0.942**		mg/kg	0.100	1	04/19/06 02:05	CA LUFT GC/MS	6041973

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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD1296-17 (SB-8-W1 - Water) Sampled: 04/06/06 12:40								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	04/19/06 06:52	SW846 8260B	6043010
Benzene	**404**		ug/L	5.00	5	04/19/06 13:28	SW846 8260B	6043624
Ethylbenzene	**110**		ug/L	1.00	1	04/19/06 06:52	SW846 8260B	6043010
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	04/19/06 06:52	SW846 8260B	6043010
Toluene	**22.5**		ug/L	1.00	1	04/19/06 06:52	SW846 8260B	6043010
Diisopropyl Ether	**26.6**		ug/L	1.00	1	04/19/06 06:52	SW846 8260B	6043010
Methyl tert-Butyl Ether	**15.0**		ug/L	1.00	1	04/19/06 06:52	SW846 8260B	6043010
Tertiary Butyl Alcohol	**40.2**		ug/L	10.0	1	04/19/06 06:52	SW846 8260B	6043010
Xylenes, total	**56.8**		ug/L	3.00	1	04/19/06 06:52	SW846 8260B	6043010
Surr: 1,2-Dichloroethane-d4 (70-130%)	*103 %*					*04/19/06 06:52*	*SW846 8260B*	*6043010*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*104 %*					*04/19/06 13:28*	*SW846 8260B*	*6043624*
Surr: Dibromofluoromethane (79-122%)	*110 %*					*04/19/06 06:52*	*SW846 8260B*	*6043010*
Surr: Dibromofluoromethane (79-122%)	*111 %*					*04/19/06 13:28*	*SW846 8260B*	*6043624*
Surr: Toluene-d8 (78-121%)	*108 %*					*04/19/06 06:52*	*SW846 8260B*	*6043010*
Surr: Toluene-d8 (78-121%)	*111 %*					*04/19/06 13:28*	*SW846 8260B*	*6043624*
Surr: 4-Bromofluorobenzene (78-126%)	*107 %*					*04/19/06 06:52*	*SW846 8260B*	*6043010*
Surr: 4-Bromofluorobenzene (78-126%)	*113 %*					*04/19/06 13:28*	*SW846 8260B*	*6043624*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**34000**		ug/L	2500	50	04/20/06 09:35	CA LUFT GC/MS	6043151
Surr: 1,2-Dichloroethane-d4 (0-200%)	*84 %*					*04/20/06 09:35*	*CA LUFT GC/MS*	*6043151*
Surr: Dibromofluoromethane (0-200%)	*100 %*					*04/20/06 09:35*	*CA LUFT GC/MS*	*6043151*
Surr: Toluene-d8 (0-200%)	*100 %*					*04/20/06 09:35*	*CA LUFT GC/MS*	*6043151*
Surr: 4-Bromofluorobenzene (0-200%)	*96 %*					*04/20/06 09:35*	*CA LUFT GC/MS*	*6043151*

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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Purgeable Petroleum Hydrocarbons							
CA LUFT GC/MS	6041973	NPD1296-01	5.00	5.00	04/12/06 15:38	SNN	EPA 5035
CA LUFT GC/MS	6041973	NPD1296-02	5.00	5.00	04/12/06 15:41	SNN	EPA 5035
CA LUFT GC/MS	6041973	NPD1296-03	5.00	5.00	04/12/06 15:43	SNN	EPA 5035
CA LUFT GC/MS	6043494	NPD1296-04	5.00	5.00	04/12/06 15:47	SNN	EPA 5035
CA LUFT GC/MS	6042726	NPD1296-05	5.00	5.00	04/12/06 15:49	SNN	EPA 5035
CA LUFT GC/MS	6041973	NPD1296-06	5.00	5.00	04/12/06 15:51	SNN	EPA 5035
CA LUFT GC/MS	6041973	NPD1296-07	5.00	5.00	04/12/06 15:54	SNN	EPA 5035
CA LUFT GC/MS	6042726	NPD1296-09	5.00	5.00	04/12/06 15:56	SNN	EPA 5035
CA LUFT GC/MS	6041973	NPD1296-10	5.00	5.00	04/12/06 16:00	SNN	EPA 5035
CA LUFT GC/MS	6043494	NPD1296-11	5.00	5.00	04/12/06 16:02	SNN	EPA 5035
CA LUFT GC/MS	6042726	NPD1296-12	5.00	5.00	04/12/06 16:05	SNN	EPA 5035
CA LUFT GC/MS	6042726	NPD1296-13	5.00	5.00	04/12/06 16:08	SNN	EPA 5035
CA LUFT GC/MS	6042726	NPD1296-15	5.00	5.00	04/12/06 16:11	SNN	EPA 5035
CA LUFT GC/MS	6041973	NPD1296-16	5.00	5.00	04/12/06 16:13	SNN	EPA 5035
Selected Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	6041973	NPD1296-01	5.00	5.00	04/12/06 15:38	SNN	EPA 5035
SW846 8260B	6041973	NPD1296-02	5.00	5.00	04/12/06 15:41	SNN	EPA 5035
SW846 8260B	6041973	NPD1296-03	5.00	5.00	04/12/06 15:43	SNN	EPA 5035
SW846 8260B	6041973	NPD1296-04	5.00	5.00	04/12/06 15:47	SNN	EPA 5035
SW846 8260B	6042726	NPD1296-04RE1	5.00	5.00	04/12/06 15:47	SNN	EPA 5035
SW846 8260B	6042726	NPD1296-05	5.00	5.00	04/12/06 15:49	SNN	EPA 5035
SW846 8260B	6041973	NPD1296-06	5.00	5.00	04/12/06 15:51	SNN	EPA 5035
SW846 8260B	6041973	NPD1296-07	5.00	5.00	04/12/06 15:54	SNN	EPA 5035
SW846 8260B	6042726	NPD1296-09	5.00	5.00	04/12/06 15:56	SNN	EPA 5035
SW846 8260B	6041973	NPD1296-10	5.00	5.00	04/12/06 16:00	SNN	EPA 5035
SW846 8260B	6041973	NPD1296-11	5.00	5.00	04/12/06 16:02	SNN	EPA 5035
SW846 8260B	6042726	NPD1296-12	5.00	5.00	04/12/06 16:05	SNN	EPA 5035
SW846 8260B	6042726	NPD1296-13	5.00	5.00	04/12/06 16:08	SNN	EPA 5035
SW846 8260B	6042726	NPD1296-15	5.00	5.00	04/12/06 16:11	SNN	EPA 5035
SW846 8260B	6041973	NPD1296-16	5.00	5.00	04/12/06 16:13	SNN	EPA 5035
Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	6041973	NPD1296-01	5.00	5.00	04/12/06 15:38	SNN	EPA 5035
SW846 8260B	6041973	NPD1296-02	5.00	5.00	04/12/06 15:41	SNN	EPA 5035
SW846 8260B	6041973	NPD1296-03	5.00	5.00	04/12/06 15:43	SNN	EPA 5035
SW846 8260B	6041973	NPD1296-04	5.00	5.00	04/12/06 15:47	SNN	EPA 5035
SW846 8260B	6042726	NPD1296-05	5.00	5.00	04/12/06 15:49	SNN	EPA 5035
SW846 8260B	6041973	NPD1296-06	5.00	5.00	04/12/06 15:51	SNN	EPA 5035
SW846 8260B	6041973	NPD1296-07	5.00	5.00	04/12/06 15:54	SNN	EPA 5035
SW846 8260B	6042726	NPD1296-09	5.00	5.00	04/12/06 15:56	SNN	EPA 5035
SW846 8260B	6041973	NPD1296-10	5.00	5.00	04/12/06 16:00	SNN	EPA 5035
SW846 8260B	6041973	NPD1296-11	5.00	5.00	04/12/06 16:02	SNN	EPA 5035
SW846 8260B	6042726	NPD1296-12	5.00	5.00	04/12/06 16:05	SNN	EPA 5035
SW846 8260B	6042726	NPD1296-13	5.00	5.00	04/12/06 16:08	SNN	EPA 5035
SW846 8260B	6042726	NPD1296-15	5.00	5.00	04/12/06 16:11	SNN	EPA 5035

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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8260B	6041973	NPD1296-16	5.00	5.00	04/12/06 16:13	SNN	EPA 5035

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

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B						
6041973-BLK1						
Benzene	<0.000500		mg/kg	6041973	6041973-BLK1	04/18/06 17:08
Tertiary Butyl Alcohol	<0.0178		mg/kg	6041973	6041973-BLK1	04/18/06 17:08
Ethylbenzene	<0.000500		mg/kg	6041973	6041973-BLK1	04/18/06 17:08
Methyl tert-Butyl Ether	<0.000880		mg/kg	6041973	6041973-BLK1	04/18/06 17:08
Diisopropyl Ether	<0.000640		mg/kg	6041973	6041973-BLK1	04/18/06 17:08
Toluene	<0.000970		mg/kg	6041973	6041973-BLK1	04/18/06 17:08
Ethyl tert-Butyl Ether	<0.000520		mg/kg	6041973	6041973-BLK1	04/18/06 17:08
Tert-Amyl Methyl Ether	<0.000670		mg/kg	6041973	6041973-BLK1	04/18/06 17:08
Xylenes, total	<0.00148		mg/kg	6041973	6041973-BLK1	04/18/06 17:08
Surrogate: 1,2-Dichloroethane-d4	105%			6041973	6041973-BLK1	04/18/06 17:08
Surrogate: 1,2-Dichloroethane-d4	105%			6041973	6041973-BLK1	04/18/06 17:08
Surrogate: Dibromofluoromethane	106%			6041973	6041973-BLK1	04/18/06 17:08
Surrogate: Dibromofluoromethane	106%			6041973	6041973-BLK1	04/18/06 17:08
Surrogate: Toluene-d8	101%			6041973	6041973-BLK1	04/18/06 17:08
Surrogate: Toluene-d8	101%			6041973	6041973-BLK1	04/18/06 17:08
Surrogate: 4-Bromofluorobenzene	109%			6041973	6041973-BLK1	04/18/06 17:08
Surrogate: 4-Bromofluorobenzene	109%			6041973	6041973-BLK1	04/18/06 17:08
6042726-BLK1						
Benzene	<0.000500		mg/kg	6042726	6042726-BLK1	04/19/06 05:04
Tertiary Butyl Alcohol	<0.0178		mg/kg	6042726	6042726-BLK1	04/19/06 05:04
Ethylbenzene	<0.000500		mg/kg	6042726	6042726-BLK1	04/19/06 05:04
Methyl tert-Butyl Ether	<0.000880		mg/kg	6042726	6042726-BLK1	04/19/06 05:04
Diisopropyl Ether	<0.000640		mg/kg	6042726	6042726-BLK1	04/19/06 05:04
Toluene	<0.000970		mg/kg	6042726	6042726-BLK1	04/19/06 05:04
Ethyl tert-Butyl Ether	<0.000520		mg/kg	6042726	6042726-BLK1	04/19/06 05:04
Tert-Amyl Methyl Ether	<0.000670		mg/kg	6042726	6042726-BLK1	04/19/06 05:04
Xylenes, total	<0.00148		mg/kg	6042726	6042726-BLK1	04/19/06 05:04
Surrogate: 1,2-Dichloroethane-d4	91%			6042726	6042726-BLK1	04/19/06 05:04
Surrogate: 1,2-Dichloroethane-d4	91%			6042726	6042726-BLK1	04/19/06 05:04
Surrogate: Dibromofluoromethane	100%			6042726	6042726-BLK1	04/19/06 05:04
Surrogate: Dibromofluoromethane	100%			6042726	6042726-BLK1	04/19/06 05:04
Surrogate: Toluene-d8	101%			6042726	6042726-BLK1	04/19/06 05:04
Surrogate: Toluene-d8	101%			6042726	6042726-BLK1	04/19/06 05:04
Surrogate: 4-Bromofluorobenzene	103%			6042726	6042726-BLK1	04/19/06 05:04
Surrogate: 4-Bromofluorobenzene	103%			6042726	6042726-BLK1	04/19/06 05:04
6043010-BLK1						
Tert-Amyl Methyl Ether	<0.350		ug/L	6043010	6043010-BLK1	04/18/06 23:27
Benzene	<0.290		ug/L	6043010	6043010-BLK1	04/18/06 23:27
Ethylbenzene	<0.340		ug/L	6043010	6043010-BLK1	04/18/06 23:27
Ethyl tert-Butyl Ether	<0.410		ug/L	6043010	6043010-BLK1	04/18/06 23:27

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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B						
6043010-BLK1						
Toluene	<0.280		ug/L	6043010	6043010-BLK1	04/18/06 23:27
Diisopropyl Ether	<0.420		ug/L	6043010	6043010-BLK1	04/18/06 23:27
Methyl tert-Butyl Ether	<0.320		ug/L	6043010	6043010-BLK1	04/18/06 23:27
Tertiary Butyl Alcohol	<8.26		ug/L	6043010	6043010-BLK1	04/18/06 23:27
Xylenes, total	<0.820		ug/L	6043010	6043010-BLK1	04/18/06 23:27
Surrogate: 1,2-Dichloroethane-d4	99%			6043010	6043010-BLK1	04/18/06 23:27
Surrogate: 1,2-Dichloroethane-d4	99%			6043010	6043010-BLK1	04/18/06 23:27
Surrogate: Dibromofluoromethane	107%			6043010	6043010-BLK1	04/18/06 23:27
Surrogate: Dibromofluoromethane	107%			6043010	6043010-BLK1	04/18/06 23:27
Surrogate: Toluene-d8	103%			6043010	6043010-BLK1	04/18/06 23:27
Surrogate: Toluene-d8	103%			6043010	6043010-BLK1	04/18/06 23:27
Surrogate: 4-Bromofluorobenzene	102%			6043010	6043010-BLK1	04/18/06 23:27
Surrogate: 4-Bromofluorobenzene	102%			6043010	6043010-BLK1	04/18/06 23:27
6043624-BLK1						
Benzene	<0.290		ug/L	6043624	6043624-BLK1	04/19/06 11:59
Ethylbenzene	<0.340		ug/L	6043624	6043624-BLK1	04/19/06 11:59
Toluene	<0.280		ug/L	6043624	6043624-BLK1	04/19/06 11:59
Xylenes, total	<0.820		ug/L	6043624	6043624-BLK1	04/19/06 11:59
Surrogate: 1,2-Dichloroethane-d4	103%			6043624	6043624-BLK1	04/19/06 11:59
Surrogate: Dibromofluoromethane	107%			6043624	6043624-BLK1	04/19/06 11:59
Surrogate: Toluene-d8	106%			6043624	6043624-BLK1	04/19/06 11:59
Surrogate: 4-Bromofluorobenzene	103%			6043624	6043624-BLK1	04/19/06 11:59
Purgeable Petroleum Hydrocarbons						
6041973-BLK1						
Gasoline Range Organics	<0.0500		mg/kg	6041973	6041973-BLK1	04/18/06 17:08
Surrogate: 1,2-Dichloroethane-d4	105%			6041973	6041973-BLK1	04/18/06 17:08
Surrogate: Dibromofluoromethane	106%			6041973	6041973-BLK1	04/18/06 17:08
Surrogate: Toluene-d8	101%			6041973	6041973-BLK1	04/18/06 17:08
Surrogate: 4-Bromofluorobenzene	109%			6041973	6041973-BLK1	04/18/06 17:08
6042726-BLK1						
Gasoline Range Organics	<0.0500		mg/kg	6042726	6042726-BLK1	04/19/06 05:04
Surrogate: 1,2-Dichloroethane-d4	91%			6042726	6042726-BLK1	04/19/06 05:04
Surrogate: Dibromofluoromethane	100%			6042726	6042726-BLK1	04/19/06 05:04
Surrogate: Toluene-d8	101%			6042726	6042726-BLK1	04/19/06 05:04
Surrogate: 4-Bromofluorobenzene	103%			6042726	6042726-BLK1	04/19/06 05:04
6043010-BLK1						
Gasoline Range Organics	<50.0		ug/L	6043010	6043010-BLK1	04/18/06 23:27
Surrogate: 1,2-Dichloroethane-d4	99%			6043010	6043010-BLK1	04/18/06 23:27

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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:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons						
6043010-BLK1						
Surrogate: Dibromofluoromethane	107%			6043010	6043010-BLK1	04/18/06 23:27
Surrogate: Toluene-d8	103%			6043010	6043010-BLK1	04/18/06 23:27
Surrogate: 4-Bromofluorobenzene	102%			6043010	6043010-BLK1	04/18/06 23:27
6043151-BLK1						
Gasoline Range Organics	<50.0		ug/L	6043151	6043151-BLK1	04/19/06 23:54
Surrogate: 1,2-Dichloroethane-d4	97%			6043151	6043151-BLK1	04/19/06 23:54
Surrogate: Dibromofluoromethane	103%			6043151	6043151-BLK1	04/19/06 23:54
Surrogate: Toluene-d8	94%			6043151	6043151-BLK1	04/19/06 23:54
Surrogate: 4-Bromofluorobenzene	96%			6043151	6043151-BLK1	04/19/06 23:54
6043494-BLK1						
Gasoline Range Organics	<0.0500		mg/kg	6043494	6043494-BLK1	04/20/06 12:18
Surrogate: 1,2-Dichloroethane-d4	98%			6043494	6043494-BLK1	04/20/06 12:18
Surrogate: Dibromofluoromethane	107%			6043494	6043494-BLK1	04/20/06 12:18
Surrogate: Toluene-d8	105%			6043494	6043494-BLK1	04/20/06 12:18
Surrogate: 4-Bromofluorobenzene	102%			6043494	6043494-BLK1	04/20/06 12:18
6043624-BLK1						
Gasoline Range Organics	<50.0		ug/L	6043624	6043624-BLK1	04/19/06 11:59
Surrogate: 1,2-Dichloroethane-d4	103%			6043624	6043624-BLK1	04/19/06 11:59
Surrogate: Dibromofluoromethane	107%			6043624	6043624-BLK1	04/19/06 11:59
Surrogate: Toluene-d8	106%			6043624	6043624-BLK1	04/19/06 11:59
Surrogate: 4-Bromofluorobenzene	103%			6043624	6043624-BLK1	04/19/06 11:59

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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:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B								
6041973-BS1								
Benzene	0.0500	0.0537		mg/kg	107%	76 - 123	6041973	04/18/06 16:38
Tertiary Butyl Alcohol	0.500	0.504		mg/kg	101%	38 - 150	6041973	04/18/06 16:38
Ethylbenzene	0.0500	0.0544		mg/kg	109%	77 - 125	6041973	04/18/06 16:38
Methyl tert-Butyl Ether	0.0500	0.0492		mg/kg	98%	63 - 140	6041973	04/18/06 16:38
Diisopropyl Ether	0.100	0.0976		mg/kg	98%	68 - 133	6041973	04/18/06 16:38
Toluene	0.0500	0.0540		mg/kg	108%	79 - 122	6041973	04/18/06 16:38
Ethyl tert-Butyl Ether	0.0500	0.0523		mg/kg	105%	64 - 138	6041973	04/18/06 16:38
Tert-Amyl Methyl Ether	0.0500	0.0509		mg/kg	102%	59 - 142	6041973	04/18/06 16:38
Xylenes, total	0.150	0.170		mg/kg	113%	71 - 129	6041973	04/18/06 16:38
Surrogate: 1,2-Dichloroethane-d4	50.0	52.9			106%	72 - 125	6041973	04/18/06 16:38
Surrogate: 1,2-Dichloroethane-d4	50.0	52.9			106%	72 - 125	6041973	04/18/06 16:38
Surrogate: Dibromofluoromethane	50.0	51.2			102%	73 - 124	6041973	04/18/06 16:38
Surrogate: Dibromofluoromethane	50.0	51.2			102%	73 - 124	6041973	04/18/06 16:38
Surrogate: Toluene-d8	50.0	52.1			104%	80 - 124	6041973	04/18/06 16:38
Surrogate: Toluene-d8	50.0	52.1			104%	80 - 124	6041973	04/18/06 16:38
Surrogate: 4-Bromofluorobenzene	50.0	52.9			106%	25 - 185	6041973	04/18/06 16:38
Surrogate: 4-Bromofluorobenzene	50.0	52.9			106%	25 - 185	6041973	04/18/06 16:38
6042726-BS1								
Benzene	0.0500	0.0593		mg/kg	119%	76 - 123	6042726	04/19/06 04:34
Tertiary Butyl Alcohol	0.500	0.427		mg/kg	85%	38 - 150	6042726	04/19/06 04:34
Ethylbenzene	0.0500	0.0549		mg/kg	110%	77 - 125	6042726	04/19/06 04:34
Methyl tert-Butyl Ether	0.0500	0.0461		mg/kg	92%	63 - 140	6042726	04/19/06 04:34
Diisopropyl Ether	0.100	0.102		mg/kg	102%	68 - 133	6042726	04/19/06 04:34
Toluene	0.0500	0.0570		mg/kg	114%	79 - 122	6042726	04/19/06 04:34
Ethyl tert-Butyl Ether	0.0500	0.0523		mg/kg	105%	64 - 138	6042726	04/19/06 04:34
Tert-Amyl Methyl Ether	0.0500	0.0483		mg/kg	97%	59 - 142	6042726	04/19/06 04:34
Xylenes, total	0.150	0.162		mg/kg	108%	71 - 129	6042726	04/19/06 04:34
Surrogate: 1,2-Dichloroethane-d4	50.0	48.1			96%	72 - 125	6042726	04/19/06 04:34
Surrogate: 1,2-Dichloroethane-d4	50.0	48.1			96%	72 - 125	6042726	04/19/06 04:34
Surrogate: Dibromofluoromethane	50.0	50.2			100%	73 - 124	6042726	04/19/06 04:34
Surrogate: Dibromofluoromethane	50.0	50.2			100%	73 - 124	6042726	04/19/06 04:34
Surrogate: Toluene-d8	50.0	51.0			102%	80 - 124	6042726	04/19/06 04:34
Surrogate: Toluene-d8	50.0	51.0			102%	80 - 124	6042726	04/19/06 04:34
Surrogate: 4-Bromofluorobenzene	50.0	51.0			102%	25 - 185	6042726	04/19/06 04:34
Surrogate: 4-Bromofluorobenzene	50.0	51.0			102%	25 - 185	6042726	04/19/06 04:34
6043010-BS1								
Tert-Amyl Methyl Ether	50.0	47.3		ug/L	95%	49 - 158	6043010	04/18/06 22:21
Benzene	50.0	48.8		ug/L	98%	78 - 122	6043010	04/18/06 22:21
Ethylbenzene	50.0	47.7		ug/L	95%	82 - 122	6043010	04/18/06 22:21
Ethyl tert-Butyl Ether	50.0	47.2		ug/L	94%	60 - 153	6043010	04/18/06 22:21

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ANALYTICAL TESTING CORPORATION
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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B								
6043010-BS1								
Toluene	50.0	47.0		ug/L	94%	80 - 120	6043010	04/18/06 22:21
Diisopropyl Ether	100	100		ug/L	100%	71 - 134	6043010	04/18/06 22:21
Methyl tert-Butyl Ether	50.0	47.5		ug/L	95%	65 - 144	6043010	04/18/06 22:21
Tertiary Butyl Alcohol	500	534		ug/L	107%	25 - 168	6043010	04/18/06 22:21
Xylenes, total	150	156		ug/L	104%	81 - 125	6043010	04/18/06 22:21
Surrogate: 1,2-Dichloroethane-d4	50.0	50.5			101%	70 - 130	6043010	04/18/06 22:21
Surrogate: 1,2-Dichloroethane-d4	50.0	50.5			101%	70 - 130	6043010	04/18/06 22:21
Surrogate: Dibromofluoromethane	50.0	51.9			104%	79 - 122	6043010	04/18/06 22:21
Surrogate: Dibromofluoromethane	50.0	51.9			104%	79 - 122	6043010	04/18/06 22:21
Surrogate: Toluene-d8	50.0	51.6			103%	78 - 121	6043010	04/18/06 22:21
Surrogate: Toluene-d8	50.0	51.6			103%	78 - 121	6043010	04/18/06 22:21
Surrogate: 4-Bromofluorobenzene	50.0	53.1			106%	78 - 126	6043010	04/18/06 22:21
Surrogate: 4-Bromofluorobenzene	50.0	53.1			106%	78 - 126	6043010	04/18/06 22:21
6043624-BS1								
Benzene	50.0	49.0		ug/L	98%	78 - 122	6043624	04/19/06 10:52
Ethylbenzene	50.0	48.5		ug/L	97%	82 - 122	6043624	04/19/06 10:52
Toluene	50.0	47.6		ug/L	95%	80 - 120	6043624	04/19/06 10:52
Xylenes, total	150	156		ug/L	104%	81 - 125	6043624	04/19/06 10:52
Surrogate: 1,2-Dichloroethane-d4	50.0	51.2			102%	70 - 130	6043624	04/19/06 10:52
Surrogate: Dibromofluoromethane	50.0	50.9			102%	79 - 122	6043624	04/19/06 10:52
Surrogate: Toluene-d8	50.0	52.3			105%	78 - 121	6043624	04/19/06 10:52
Surrogate: 4-Bromofluorobenzene	50.0	50.8			102%	78 - 126	6043624	04/19/06 10:52
Purgeable Petroleum Hydrocarbons								
6041973-BS1								
Gasoline Range Organics	3.10	2.97		mg/kg	96%	67 - 130	6041973	04/18/06 16:38
Surrogate: 1,2-Dichloroethane-d4	50.0	52.9			106%	0 - 200	6041973	04/18/06 16:38
Surrogate: Dibromofluoromethane	50.0	51.2			102%	0 - 200	6041973	04/18/06 16:38
Surrogate: Toluene-d8	50.0	52.1			104%	0 - 200	6041973	04/18/06 16:38
Surrogate: 4-Bromofluorobenzene	50.0	52.9			106%	0 - 200	6041973	04/18/06 16:38
6042726-BS1								
Gasoline Range Organics	3.10	2.83		mg/kg	91%	67 - 130	6042726	04/19/06 04:34
Surrogate: 1,2-Dichloroethane-d4	50.0	48.1			96%	0 - 200	6042726	04/19/06 04:34
Surrogate: Dibromofluoromethane	50.0	50.2			100%	0 - 200	6042726	04/19/06 04:34
Surrogate: Toluene-d8	50.0	51.0			102%	0 - 200	6042726	04/19/06 04:34
Surrogate: 4-Bromofluorobenzene	50.0	51.0			102%	0 - 200	6042726	04/19/06 04:34
6043010-BS1								
Gasoline Range Organics	3100	3090		ug/L	100%	67 - 130	6043010	04/18/06 22:21
Surrogate: 1,2-Dichloroethane-d4	50.0	50.5			101%	70 - 130	6043010	04/18/06 22:21

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons								
6043010-BS1								
Surrogate: Dibromofluoromethane	50.0	51.9			104%	70 - 130	6043010	04/18/06 22:21
Surrogate: Toluene-d8	50.0	51.6			103%	70 - 130	6043010	04/18/06 22:21
Surrogate: 4-Bromofluorobenzene	50.0	53.1			106%	70 - 130	6043010	04/18/06 22:21
6043151-BS1								
Gasoline Range Organics	3050	2460		ug/L	81%	67 - 130	6043151	04/19/06 22:59
Surrogate: 1,2-Dichloroethane-d4	50.0	47.2			94%	70 - 130	6043151	04/19/06 22:59
Surrogate: Dibromofluoromethane	50.0	50.7			101%	70 - 130	6043151	04/19/06 22:59
Surrogate: Toluene-d8	50.0	47.0			94%	70 - 130	6043151	04/19/06 22:59
Surrogate: 4-Bromofluorobenzene	50.0	46.6			93%	70 - 130	6043151	04/19/06 22:59
6043494-BS1								
Gasoline Range Organics	3.05	3.00		mg/kg	98%	67 - 130	6043494	04/20/06 11:12
Surrogate: 1,2-Dichloroethane-d4	50.0	49.2			98%	0 - 200	6043494	04/20/06 11:12
Surrogate: Dibromofluoromethane	50.0	50.7			101%	0 - 200	6043494	04/20/06 11:12
Surrogate: Toluene-d8	50.0	52.6			105%	0 - 200	6043494	04/20/06 11:12
Surrogate: 4-Bromofluorobenzene	50.0	51.5			103%	0 - 200	6043494	04/20/06 11:12
6043624-BS1								
Gasoline Range Organics	3100	3070		ug/L	99%	67 - 130	6043624	04/19/06 10:52
Surrogate: 1,2-Dichloroethane-d4	50.0	51.2			102%	70 - 130	6043624	04/19/06 10:52
Surrogate: Dibromofluoromethane	50.0	50.9			102%	70 - 130	6043624	04/19/06 10:52
Surrogate: Toluene-d8	50.0	52.3			105%	70 - 130	6043624	04/19/06 10:52
Surrogate: 4-Bromofluorobenzene	50.0	50.8			102%	70 - 130	6043624	04/19/06 10:52

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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:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B										
6041973-MS1										
Benzene	0.0588	0.122		mg/kg	0.0500	126%	48 - 138	6041973	NPD1296-16	04/19/06 02:35
Tertiary Butyl Alcohol	ND	0.738		mg/kg	0.500	148%	16 - 179	6041973	NPD1296-16	04/19/06 02:35
Ethylbenzene	0.00416	0.0570		mg/kg	0.0500	106%	19 - 146	6041973	NPD1296-16	04/19/06 02:35
Methyl tert-Butyl Ether	0.00855	0.0584		mg/kg	0.0500	100%	47 - 148	6041973	NPD1296-16	04/19/06 02:35
Diisopropyl Ether	0.0132	0.114		mg/kg	0.100	101%	50 - 143	6041973	NPD1296-16	04/19/06 02:35
Toluene	0.00204	0.0554		mg/kg	0.0500	107%	40 - 143	6041973	NPD1296-16	04/19/06 02:35
Ethyl tert-Butyl Ether	ND	0.0527		mg/kg	0.0500	105%	48 - 145	6041973	NPD1296-16	04/19/06 02:35
Tert-Amyl Methyl Ether	ND	0.0522		mg/kg	0.0500	104%	43 - 150	6041973	NPD1296-16	04/19/06 02:35
Xylenes, total	0.00355	0.163		mg/kg	0.150	106%	36 - 144	6041973	NPD1296-16	04/19/06 02:35
Surrogate: 1,2-Dichloroethane-d4		45.6		ug/L	50.0	91%	72 - 125	6041973	NPD1296-16	04/19/06 02:35
Surrogate: 1,2-Dichloroethane-d4		45.6		ug/L	50.0	91%	72 - 125	6041973	NPD1296-16	04/19/06 02:35
Surrogate: Dibromofluoromethane		49.0		ug/L	50.0	98%	73 - 124	6041973	NPD1296-16	04/19/06 02:35
Surrogate: Dibromofluoromethane		49.0		ug/L	50.0	98%	73 - 124	6041973	NPD1296-16	04/19/06 02:35
Surrogate: Toluene-d8		51.5		ug/L	50.0	103%	80 - 124	6041973	NPD1296-16	04/19/06 02:35
Surrogate: Toluene-d8		51.5		ug/L	50.0	103%	80 - 124	6041973	NPD1296-16	04/19/06 02:35
Surrogate: 4-Bromofluorobenzene		50.4		ug/L	50.0	101%	25 - 185	6041973	NPD1296-16	04/19/06 02:35
Surrogate: 4-Bromofluorobenzene		50.4		ug/L	50.0	101%	25 - 185	6041973	NPD1296-16	04/19/06 02:35
6042726-MS1										
Benzene	ND	0.0527		mg/kg	0.0500	105%	48 - 138	6042726	NPD1961-04	04/19/06 15:37
Tertiary Butyl Alcohol	ND	0.659		mg/kg	0.500	132%	16 - 179	6042726	NPD1961-04	04/19/06 15:37
Ethylbenzene	ND	0.0374		mg/kg	0.0500	75%	19 - 146	6042726	NPD1961-04	04/19/06 15:37
Methyl tert-Butyl Ether	ND	0.0519		mg/kg	0.0500	104%	47 - 148	6042726	NPD1961-04	04/19/06 15:37
Diisopropyl Ether	ND	0.107		mg/kg	0.100	107%	50 - 143	6042726	NPD1961-04	04/19/06 15:37
Toluene	ND	0.0450		mg/kg	0.0500	90%	40 - 143	6042726	NPD1961-04	04/19/06 15:37
Ethyl tert-Butyl Ether	ND	0.0557		mg/kg	0.0500	111%	48 - 145	6042726	NPD1961-04	04/19/06 15:37
Tert-Amyl Methyl Ether	ND	0.0537		mg/kg	0.0500	107%	43 - 150	6042726	NPD1961-04	04/19/06 15:37
Xylenes, total	ND	0.108		mg/kg	0.150	72%	36 - 144	6042726	NPD1961-04	04/19/06 15:37
Surrogate: 1,2-Dichloroethane-d4		45.0		ug/L	50.0	90%	72 - 125	6042726	NPD1961-04	04/19/06 15:37
Surrogate: 1,2-Dichloroethane-d4		45.0		ug/L	50.0	90%	72 - 125	6042726	NPD1961-04	04/19/06 15:37
Surrogate: Dibromofluoromethane		47.4		ug/L	50.0	95%	73 - 124	6042726	NPD1961-04	04/19/06 15:37
Surrogate: Dibromofluoromethane		47.4		ug/L	50.0	95%	73 - 124	6042726	NPD1961-04	04/19/06 15:37
Surrogate: Toluene-d8		51.0		ug/L	50.0	102%	80 - 124	6042726	NPD1961-04	04/19/06 15:37
Surrogate: Toluene-d8		51.0		ug/L	50.0	102%	80 - 124	6042726	NPD1961-04	04/19/06 15:37
Surrogate: 4-Bromofluorobenzene		53.4		ug/L	50.0	107%	25 - 185	6042726	NPD1961-04	04/19/06 15:37
Surrogate: 4-Bromofluorobenzene		53.4		ug/L	50.0	107%	25 - 185	6042726	NPD1961-04	04/19/06 15:37
6043010-MS1										

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6043010-MS1										
Tert-Amyl Methyl Ether	1.05	51.8		ug/L	50.0	102%	43 - 165	6043010	NPD1733-05	04/19/06 07:15
Benzene	ND	56.5		ug/L	50.0	113%	74 - 133	6043010	NPD1733-05	04/19/06 07:15
Ethylbenzene	ND	53.5		ug/L	50.0	107%	74 - 134	6043010	NPD1733-05	04/19/06 07:15
Ethyl tert-Butyl Ether	ND	53.2		ug/L	50.0	106%	57 - 155	6043010	NPD1733-05	04/19/06 07:15
Toluene	ND	52.3		ug/L	50.0	105%	73 - 133	6043010	NPD1733-05	04/19/06 07:15
Diisopropyl Ether	ND	110		ug/L	100	110%	67 - 139	6043010	NPD1733-05	04/19/06 07:15
Methyl tert-Butyl Ether	ND	50.8		ug/L	50.0	102%	58 - 151	6043010	NPD1733-05	04/19/06 07:15
Tertiary Butyl Alcohol	ND	770		ug/L	500	154%	10 - 186	6043010	NPD1733-05	04/19/06 07:15
Xylenes, total	ND	174		ug/L	150	116%	68 - 139	6043010	NPD1733-05	04/19/06 07:15
Surrogate: 1,2-Dichloroethane-d4		54.3		ug/L	50.0	109%	70 - 130	6043010	NPD1733-05	04/19/06 07:15
Surrogate: 1,2-Dichloroethane-d4		54.3		ug/L	50.0	109%	70 - 130	6043010	NPD1733-05	04/19/06 07:15
Surrogate: Dibromofluoromethane		55.0		ug/L	50.0	110%	79 - 122	6043010	NPD1733-05	04/19/06 07:15
Surrogate: Dibromofluoromethane		55.0		ug/L	50.0	110%	79 - 122	6043010	NPD1733-05	04/19/06 07:15
Surrogate: Toluene-d8		51.2		ug/L	50.0	102%	78 - 121	6043010	NPD1733-05	04/19/06 07:15
Surrogate: Toluene-d8		51.2		ug/L	50.0	102%	78 - 121	6043010	NPD1733-05	04/19/06 07:15
Surrogate: 4-Bromofluorobenzene		52.2		ug/L	50.0	104%	78 - 126	6043010	NPD1733-05	04/19/06 07:15
Surrogate: 4-Bromofluorobenzene		52.2		ug/L	50.0	104%	78 - 126	6043010	NPD1733-05	04/19/06 07:15
6043624-MS1										
Benzene	ND	50.7		ug/L	50.0	101%	74 - 133	6043624	NPD1954-15	04/19/06 19:45
Ethylbenzene	ND	46.4		ug/L	50.0	93%	74 - 134	6043624	NPD1954-15	04/19/06 19:45
Toluene	ND	45.7		ug/L	50.0	91%	73 - 133	6043624	NPD1954-15	04/19/06 19:45
Xylenes, total	ND	151		ug/L	150	101%	68 - 139	6043624	NPD1954-15	04/19/06 19:45
Surrogate: 1,2-Dichloroethane-d4		51.6		ug/L	50.0	103%	70 - 130	6043624	NPD1954-15	04/19/06 19:45
Surrogate: Dibromofluoromethane		53.9		ug/L	50.0	108%	79 - 122	6043624	NPD1954-15	04/19/06 19:45
Surrogate: Toluene-d8		50.6		ug/L	50.0	101%	78 - 121	6043624	NPD1954-15	04/19/06 19:45
Surrogate: 4-Bromofluorobenzene		52.5		ug/L	50.0	105%	78 - 126	6043624	NPD1954-15	04/19/06 19:45
Purgeable Petroleum Hydrocarbons										
6041973-MS1										
Gasoline Range Organics	0.942	3.86		mg/kg	3.10	94%	60 - 140	6041973	NPD1296-16	04/19/06 02:35
Surrogate: 1,2-Dichloroethane-d4		45.6		ug/L	50.0	91%	0 - 200	6041973	NPD1296-16	04/19/06 02:35
Surrogate: Dibromofluoromethane		49.0		ug/L	50.0	98%	0 - 200	6041973	NPD1296-16	04/19/06 02:35
Surrogate: Toluene-d8		51.5		ug/L	50.0	103%	0 - 200	6041973	NPD1296-16	04/19/06 02:35
Surrogate: 4-Bromofluorobenzene		50.4		ug/L	50.0	101%	0 - 200	6041973	NPD1296-16	04/19/06 02:35
6042726-MS1										
Gasoline Range Organics	0.335	2.41		mg/kg	3.10	67%	60 - 140	6042726	NPD1961-04	04/19/06 15:37

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:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons										
6042726-MS1										
Surrogate: 1,2-Dichloroethane-d4		45.0		ug/L	50.0	90%	0 - 200	6042726	NPD1961-04	04/19/06 15:37
Surrogate: Dibromofluoromethane		47.4		ug/L	50.0	95%	0 - 200	6042726	NPD1961-04	04/19/06 15:37
Surrogate: Toluene-d8		51.0		ug/L	50.0	102%	0 - 200	6042726	NPD1961-04	04/19/06 15:37
Surrogate: 4-Bromofluorobenzene		53.4		ug/L	50.0	107%	0 - 200	6042726	NPD1961-04	04/19/06 15:37
6043010-MS1										
Gasoline Range Organics	ND	2960		ug/L	3100	95%	60 - 140	6043010	NPD1733-05	04/19/06 07:15
Surrogate: 1,2-Dichloroethane-d4		54.3		ug/L	50.0	109%	0 - 200	6043010	NPD1733-05	04/19/06 07:15
Surrogate: Dibromofluoromethane		55.0		ug/L	50.0	110%	0 - 200	6043010	NPD1733-05	04/19/06 07:15
Surrogate: Toluene-d8		51.2		ug/L	50.0	102%	0 - 200	6043010	NPD1733-05	04/19/06 07:15
Surrogate: 4-Bromofluorobenzene		52.2		ug/L	50.0	104%	0 - 200	6043010	NPD1733-05	04/19/06 07:15
6043151-MS1										
Gasoline Range Organics	ND	2710		ug/L	3050	89%	60 - 140	6043151	NPD2157-01	04/20/06 10:03
Surrogate: 1,2-Dichloroethane-d4		41.9		ug/L	50.0	84%	0 - 200	6043151	NPD2157-01	04/20/06 10:03
Surrogate: Dibromofluoromethane		49.0		ug/L	50.0	98%	0 - 200	6043151	NPD2157-01	04/20/06 10:03
Surrogate: Toluene-d8		50.0		ug/L	50.0	100%	0 - 200	6043151	NPD2157-01	04/20/06 10:03
Surrogate: 4-Bromofluorobenzene		47.5		ug/L	50.0	95%	0 - 200	6043151	NPD2157-01	04/20/06 10:03
6043624-MS1										
Gasoline Range Organics	ND	2480		ug/L	3100	80%	60 - 140	6043624	NPD1954-15	04/19/06 19:45
Surrogate: 1,2-Dichloroethane-d4		51.6		ug/L	50.0	103%	0 - 200	6043624	NPD1954-15	04/19/06 19:45
Surrogate: Dibromofluoromethane		53.9		ug/L	50.0	108%	0 - 200	6043624	NPD1954-15	04/19/06 19:45
Surrogate: Toluene-d8		50.6		ug/L	50.0	101%	0 - 200	6043624	NPD1954-15	04/19/06 19:45
Surrogate: 4-Bromofluorobenzene		52.5		ug/L	50.0	105%	0 - 200	6043624	NPD1954-15	04/19/06 19:45

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B												
6041973-MSD1												
Benzene	0.0588	0.113		mg/kg	0.0500	108%	48 - 138	8	34	6041973	NPD1296-16	04/19/06 03:04
Tertiary Butyl Alcohol	ND	0.684		mg/kg	0.500	137%	16 - 179	8	45	6041973	NPD1296-16	04/19/06 03:04
Ethylbenzene	0.00416	0.0398		mg/kg	0.0500	71%	19 - 146	36	44	6041973	NPD1296-16	04/19/06 03:04
Methyl tert-Butyl Ether	0.00855	0.0564		mg/kg	0.0500	96%	47 - 148	3	39	6041973	NPD1296-16	04/19/06 03:04
Diisopropyl Ether	0.0132	0.104		mg/kg	0.100	91%	50 - 143	9	41	6041973	NPD1296-16	04/19/06 03:04
Toluene	0.00204	0.0713		mg/kg	0.0500	139%	40 - 143	25	41	6041973	NPD1296-16	04/19/06 03:04
Ethyl tert-Butyl Ether	ND	0.0476		mg/kg	0.0500	95%	48 - 145	10	37	6041973	NPD1296-16	04/19/06 03:04
Tert-Amyl Methyl Ether	ND	0.0460		mg/kg	0.0500	92%	43 - 150	13	39	6041973	NPD1296-16	04/19/06 03:04
Xylenes, total	0.00355	0.119		mg/kg	0.150	77%	36 - 144	31	35	6041973	NPD1296-16	04/19/06 03:04
Surrogate: 1,2-Dichloroethane-d4		46.9		ug/L	50.0	94%	72 - 125			6041973	NPD1296-16	04/19/06 03:04
Surrogate: 1,2-Dichloroethane-d4		46.9		ug/L	50.0	94%	72 - 125			6041973	NPD1296-16	04/19/06 03:04
Surrogate: Dibromofluoromethane		49.8		ug/L	50.0	100%	73 - 124			6041973	NPD1296-16	04/19/06 03:04
Surrogate: Dibromofluoromethane		49.8		ug/L	50.0	100%	73 - 124			6041973	NPD1296-16	04/19/06 03:04
Surrogate: Toluene-d8		52.9		ug/L	50.0	106%	80 - 124			6041973	NPD1296-16	04/19/06 03:04
Surrogate: Toluene-d8		52.9		ug/L	50.0	106%	80 - 124			6041973	NPD1296-16	04/19/06 03:04
Surrogate: 4-Bromofluorobenzene		52.8		ug/L	50.0	106%	25 - 185			6041973	NPD1296-16	04/19/06 03:04
Surrogate: 4-Bromofluorobenzene		52.8		ug/L	50.0	106%	25 - 185			6041973	NPD1296-16	04/19/06 03:04
6042726-MSD1												
Benzene	ND	0.0471		mg/kg	0.0500	94%	48 - 138	11	34	6042726	NPD1961-04	04/19/06 16:07
Tertiary Butyl Alcohol	ND	0.727		mg/kg	0.500	145%	16 - 179	10	45	6042726	NPD1961-04	04/19/06 16:07
Ethylbenzene	ND	0.0322		mg/kg	0.0500	64%	19 - 146	15	44	6042726	NPD1961-04	04/19/06 16:07
Methyl tert-Butyl Ether	ND	0.0504		mg/kg	0.0500	101%	47 - 148	3	39	6042726	NPD1961-04	04/19/06 16:07
Diisopropyl Ether	ND	0.0972		mg/kg	0.100	97%	50 - 143	10	41	6042726	NPD1961-04	04/19/06 16:07
Toluene	ND	0.0396		mg/kg	0.0500	79%	40 - 143	13	41	6042726	NPD1961-04	04/19/06 16:07
Ethyl tert-Butyl Ether	ND	0.0522		mg/kg	0.0500	104%	48 - 145	6	37	6042726	NPD1961-04	04/19/06 16:07
Tert-Amyl Methyl Ether	ND	0.0493		mg/kg	0.0500	99%	43 - 150	9	39	6042726	NPD1961-04	04/19/06 16:07
Xylenes, total	ND	0.0920		mg/kg	0.150	61%	36 - 144	16	35	6042726	NPD1961-04	04/19/06 16:07
Surrogate: 1,2-Dichloroethane-d4		46.1		ug/L	50.0	92%	72 - 125			6042726	NPD1961-04	04/19/06 16:07
Surrogate: 1,2-Dichloroethane-d4		46.1		ug/L	50.0	92%	72 - 125			6042726	NPD1961-04	04/19/06 16:07
Surrogate: Dibromofluoromethane		49.8		ug/L	50.0	100%	73 - 124			6042726	NPD1961-04	04/19/06 16:07
Surrogate: Dibromofluoromethane		49.8		ug/L	50.0	100%	73 - 124			6042726	NPD1961-04	04/19/06 16:07
Surrogate: Toluene-d8		51.7		ug/L	50.0	103%	80 - 124			6042726	NPD1961-04	04/19/06 16:07
Surrogate: Toluene-d8		51.7		ug/L	50.0	103%	80 - 124			6042726	NPD1961-04	04/19/06 16:07
Surrogate: 4-Bromofluorobenzene		50.9		ug/L	50.0	102%	25 - 185			6042726	NPD1961-04	04/19/06 16:07
Surrogate: 4-Bromofluorobenzene		50.9		ug/L	50.0	102%	25 - 185			6042726	NPD1961-04	04/19/06 16:07
6043010-MSD1												
Tert-Amyl Methyl Ether	1.05	48.8		ug/L	50.0	96%	43 - 165	6	20	6043010	NPD1733-05	04/19/06 07:37
Benzene	ND	54.0		ug/L	50.0	108%	74 - 133	5	19	6043010	NPD1733-05	04/19/06 07:37
Ethylbenzene	ND	51.4		ug/L	50.0	103%	74 - 134	4	21	6043010	NPD1733-05	04/19/06 07:37
Ethyl tert-Butyl Ether	ND	50.3		ug/L	50.0	101%	57 - 155	6	19	6043010	NPD1733-05	04/19/06 07:37

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B												
6043010-MSD1												
Toluene	ND	49.7		ug/L	50.0	99%	73 - 133	5	20	6043010	NPD1733-05	04/19/06 07:37
Diisopropyl Ether	ND	106		ug/L	100	106%	67 - 139	4	17	6043010	NPD1733-05	04/19/06 07:37
Methyl tert-Butyl Ether	ND	47.7		ug/L	50.0	95%	58 - 151	6	28	6043010	NPD1733-05	04/19/06 07:37
Tertiary Butyl Alcohol	ND	730		ug/L	500	146%	10 - 186	5	37	6043010	NPD1733-05	04/19/06 07:37
Xylenes, total	ND	167		ug/L	150	111%	68 - 139	4	23	6043010	NPD1733-05	04/19/06 07:37
Surrogate: 1,2-Dichloroethane-d4		53.4		ug/L	50.0	107%	70 - 130			6043010	NPD1733-05	04/19/06 07:37
Surrogate: 1,2-Dichloroethane-d4		53.4		ug/L	50.0	107%	70 - 130			6043010	NPD1733-05	04/19/06 07:37
Surrogate: Dibromofluoromethane		54.1		ug/L	50.0	108%	79 - 122			6043010	NPD1733-05	04/19/06 07:37
Surrogate: Dibromofluoromethane		54.1		ug/L	50.0	108%	79 - 122			6043010	NPD1733-05	04/19/06 07:37
Surrogate: Toluene-d8		51.8		ug/L	50.0	104%	78 - 121			6043010	NPD1733-05	04/19/06 07:37
Surrogate: Toluene-d8		51.8		ug/L	50.0	104%	78 - 121			6043010	NPD1733-05	04/19/06 07:37
Surrogate: 4-Bromofluorobenzene		51.8		ug/L	50.0	104%	78 - 126			6043010	NPD1733-05	04/19/06 07:37
Surrogate: 4-Bromofluorobenzene		51.8		ug/L	50.0	104%	78 - 126			6043010	NPD1733-05	04/19/06 07:37
6043624-MSD1												
Benzene	ND	50.0		ug/L	50.0	100%	74 - 133	1	19	6043624	NPD1954-15	04/19/06 20:08
Ethylbenzene	ND	47.2		ug/L	50.0	94%	74 - 134	2	21	6043624	NPD1954-15	04/19/06 20:08
Toluene	ND	47.7		ug/L	50.0	95%	73 - 133	4	20	6043624	NPD1954-15	04/19/06 20:08
Xylenes, total	ND	157		ug/L	150	105%	68 - 139	4	23	6043624	NPD1954-15	04/19/06 20:08
Surrogate: 1,2-Dichloroethane-d4		53.0		ug/L	50.0	106%	70 - 130			6043624	NPD1954-15	04/19/06 20:08
Surrogate: Dibromofluoromethane		54.0		ug/L	50.0	108%	79 - 122			6043624	NPD1954-15	04/19/06 20:08
Surrogate: Toluene-d8		52.1		ug/L	50.0	104%	78 - 121			6043624	NPD1954-15	04/19/06 20:08
Surrogate: 4-Bromofluorobenzene		50.9		ug/L	50.0	102%	78 - 126			6043624	NPD1954-15	04/19/06 20:08
Purgeable Petroleum Hydrocarbons												
6041973-MSD1												
Gasoline Range Organics	0.942	4.27		mg/kg	3.10	107%	60 - 140	10	40	6041973	NPD1296-16	04/19/06 03:04
Surrogate: 1,2-Dichloroethane-d4		46.9		ug/L	50.0	94%	0 - 200			6041973	NPD1296-16	04/19/06 03:04
Surrogate: Dibromofluoromethane		49.8		ug/L	50.0	100%	0 - 200			6041973	NPD1296-16	04/19/06 03:04
Surrogate: Toluene-d8		52.9		ug/L	50.0	106%	0 - 200			6041973	NPD1296-16	04/19/06 03:04
Surrogate: 4-Bromofluorobenzene		52.8		ug/L	50.0	106%	0 - 200			6041973	NPD1296-16	04/19/06 03:04
6042726-MSD1												
Gasoline Range Organics	0.335	2.08	M8	mg/kg	3.10	56%	60 - 140	15	40	6042726	NPD1961-04	04/19/06 16:07
Surrogate: 1,2-Dichloroethane-d4		46.1		ug/L	50.0	92%	0 - 200			6042726	NPD1961-04	04/19/06 16:07
Surrogate: Dibromofluoromethane		49.8		ug/L	50.0	100%	0 - 200			6042726	NPD1961-04	04/19/06 16:07
Surrogate: Toluene-d8		51.7		ug/L	50.0	103%	0 - 200			6042726	NPD1961-04	04/19/06 16:07
Surrogate: 4-Bromofluorobenzene		50.9		ug/L	50.0	102%	0 - 200			6042726	NPD1961-04	04/19/06 16:07
6043010-MSD1												
Gasoline Range Organics	ND	2550		ug/L	3100	82%	60 - 140	15	40	6043010	NPD1733-05	04/19/06 07:37
Surrogate: 1,2-Dichloroethane-d4		53.4		ug/L	50.0	107%	0 - 200			6043010	NPD1733-05	04/19/06 07:37

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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons												
6043010-MSD1												
Surrogate: Dibromofluoromethane		54.1		ug/L	50.0	108%	0 - 200			6043010	NPD1733-05	04/19/06 07:37
Surrogate: Toluene-d8		51.8		ug/L	50.0	104%	0 - 200			6043010	NPD1733-05	04/19/06 07:37
Surrogate: 4-Bromofluorobenzene		51.8		ug/L	50.0	104%	0 - 200			6043010	NPD1733-05	04/19/06 07:37
6043151-MSD1												
Gasoline Range Organics	ND	2570		ug/L	3050	84%	60 - 140	5	40	6043151	NPD2157-01	04/20/06 10:31
Surrogate: 1,2-Dichloroethane-d4		42.2		ug/L	50.0	84%	0 - 200			6043151	NPD2157-01	04/20/06 10:31
Surrogate: Dibromofluoromethane		49.0		ug/L	50.0	98%	0 - 200			6043151	NPD2157-01	04/20/06 10:31
Surrogate: Toluene-d8		50.3		ug/L	50.0	101%	0 - 200			6043151	NPD2157-01	04/20/06 10:31
Surrogate: 4-Bromofluorobenzene		47.2		ug/L	50.0	94%	0 - 200			6043151	NPD2157-01	04/20/06 10:31
6043624-MSD1												
Gasoline Range Organics	ND	2460		ug/L	3100	79%	60 - 140	0.8	40	6043624	NPD1954-15	04/19/06 20:08
Surrogate: 1,2-Dichloroethane-d4		53.0		ug/L	50.0	106%	0 - 200			6043624	NPD1954-15	04/19/06 20:08
Surrogate: Dibromofluoromethane		54.0		ug/L	50.0	108%	0 - 200			6043624	NPD1954-15	04/19/06 20:08
Surrogate: Toluene-d8		52.1		ug/L	50.0	104%	0 - 200			6043624	NPD1954-15	04/19/06 20:08
Surrogate: 4-Bromofluorobenzene		50.9		ug/L	50.0	102%	0 - 200			6043624	NPD1954-15	04/19/06 20:08

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

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville

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

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:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

NELAC CERTIFICATION SUMMARY

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

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

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:	NPD1296
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/12/06 08:00

DATA QUALIFIERS AND DEFINITIONS

E	Concentration exceeds the calibration range and therefore result is semi-quantitative.
H2	Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM BC#

NPD1296

Cooler Received/Opened On 04/12/06 0800

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 0455

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

2. Temperature of representative sample or temperature blank when opened: 2.2 **Degrees Celsius**

(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 (101282) Raynger ST

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

a. If yes, how many and where: 1 Front

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

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

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

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

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

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

Plastic bag Paper Other_____ None

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

BIS = Broken in shipment

SHELL Chain Of Custody Record

LAB: Test America [redacted]

Lab Identification (if necessary): [redacted]

☐ TA - Morgan Hill, C [redacted]

NPD1296

04/22/06 23:59

Shell Project Manager to be invoiced: Denis Brown

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

INCIDENT NUMBER (ES ONLY): 9 8 9 9 5 7 4 1

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

DATE: 4/4/2006

PAGE: 1 of 3

SAMPLING COMPANY: Cambria Environmental Technology, Inc.	LOG CODE: CETO	SITE ADDRESS: Street and City: 230 W MacArthur, Oakland	State: CA	GLOBAL ID NO.: T0600101240	
ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608		EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, Cambria, Emeryville	PHONE NO.: 510-420-3343	E-MAIL: shell.em.edf@cambria-env.com	CONSULTANT PROJECT NO.: 248-0902-006
PROJECT CONTACT (Hardcopy or PDF Report to): David Gibbs PG		SAMPLER NAME(S) (Print): BARONE		LAB USE ONLY	
TELEPHONE: 510.420.3363	FAX: 510.420.9170	E-MAIL: dgibbs@cambria-env.com			

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

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

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

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

RECEIPT VERIFICATION REQUESTED ☑

REQUESTED ANALYSIS

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

Point ID

TEMPERATURE ON RECEIPT C°: Preservative

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	Test for Disposal (see attached)		Point ID	Preservative
	SB-4-5	4/4	840	SO	1	X	X	X	NPD1296	1	SB-4	
	SB-7-5	4/4	950	SO	1	X	X	X		2	SB-7	
	SB-6-3	4/4	1100	SO	1	X	X	X		3	SB-6	
	SB-5-3	4/4	1225	SO	1	X	X	X		4	SB-5	
	SB-8-5	4/4	1645	SO	1	X	X	X		5	SB-8	
	SB-4-11.5	4/5	800	SO	1	X	X	X		6	SB-4	
	SB-4-15.5	4/5	810	SO	1	X	X	X		7	SB-4	
	SB-4-W1	4/5	815	W	5	X	X	X		8	SB-4	HCl
	[redacted]										[redacted]	
	[redacted]										[redacted]	

Relinquished by: (Signature)	Received by: (Signature) Secure Locations	Date: 4/7/2006	Time: 1100
Relinquished by: (Signature)	Received by: (Signature)	Date: 4/7/06	Time: 1337
Relinquished by: (Signature)	Received by: (Signature)	Date: 4/7/06	Time: 1900

4/10/2006 1215

04/12 10: 08:30

Q&Q Graphic (714) 898-9702

11/18/05 Revision

SHELL Chain Of Custody Record

LAB: Test America STL Other_____

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

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

INCIDENT NUMBER (ES ONLY): 98995741

SAP or CRMT NUMBER (TS/CRMT):

DATE: 4/5→6/2006

PAGE: 2 of 3

SAMPLING COMPANY: Cambria Environmental Technology, Inc.	LOG CODE: CETO	SITE ADDRESS: Street and City: 230 W MacArthur, Oakland	State: CA	GLOBAL ID NO.: T0600101240
ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608		EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, Cambria, Emeryville	PHONE NO.: 510-420-3343	E-MAIL: shell.em.edf@cambria-env.com	CONSULTANT PROJECT NO.: 248-0902-006
PROJECT CONTACT (Hardcopy or PDF Report to): David Gibbs PG		SAMPLER NAME(S) (Print): BARONE	LAB USE ONLY	
TELEPHONE: 510.420.3363	FAX: 510.420.9170	E-MAIL: dgibbs@cambria-env.com		

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

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

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

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

RECEIPT VERIFICATION REQUESTED ☑

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	Test for Disposal (see attached)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	[redacted]									TEMPERATURE ON RECEIPT C° P+ID
	SB-6-6.5	4/6	1330	SO	1	X	X	X	WPD1296 - 9	SB-6
	SB-6-9.5	↓	1335	SO	1	X	X	X	10	
	SB-6-12.0	4/6	0900	SO	1	X	X	X	11	
	[redacted]									SB-7
	SB-7-10	4/6	850	SO	1	X	X	X	12	
	SB-7-15	↓ 4/6	900	SO	1	X	X	X	13	

Relinquished by: (Signature)	Received by: (Signature)	Date: 4/7/2006	Time: 1100
Relinquished by: (Signature)	Received by: (Signature)	Date: 4/7/06	Time: 1357
Relinquished by: (Signature)	Received by: (Signature)	Date: 4/7/06	Time: 1900

4/10/2006 12:45

04/12/06 0800

Q&Q Graphic (714) 898-9702

11/18/05 Revision

SHELL Chain Of Custody Record

LAB: Test America STL Other_____

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

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

INCIDENT NUMBER (ES ONLY): 9 8 9 9 5 7 4 1

SAP or CRMT NUMBER (TS/CRMT):

DATE: 4/6/2006

PAGE: 3 of 3

SAMPLING COMPANY	LOG CODE
Cambria Environmental Technology, Inc.	CETO

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

PROJECT CONTACT (Hardcopy or PDF Report to)		
David Gibbs PG		
TELEPHONE: 510.420.3363	FAX: 510.420.9170	E-MAIL: dgibbs@cambria-env.com

SITE ADDRESS: Street and City	State	GLOBAL ID NO.:
230 W MacArthur, Oakland	CA	T0600101240

EDF DELIVERABLE TO (Name, Company, Office Location)	PHONE NO.	E-MAIL	CONSULTANT PROJECT NO.:
Brenda Carter, Cambria, Emeryville	510-420-3343	shell.em.edf@cambria-env.com	248-0902-006

SAMPLER NAME(S) (Print): BARONE

LAB USE ONLY

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

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

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

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

RECEIPT VERIFICATION REQUESTED ☑

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	Test for Disposal (see attached)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	SB-7-W1	4/6	915	W	6	X	X	X	WD 296 —	14 SB-7 / HCl
	SB-8-10	4/6	1210	S	1	X	X	X	|	15 SB-8
	SB-8-14	4/6	1220	S	1	X	X	X	|	16 SB-8
	SB-8-W1	4/6	1240	W	6	X	X	X	—	17 SB-8 HCl

TEMPERATURE ON RECEIPT C° PID / Preservative

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	Lance Cranton	4/7/2006	1100
		4/10/06	1337
Rampling 4/10/2006 1245		4/10/06	1900

Q&Q Graphic (714) 898-9702

11/18/05 Revision

SEVERN TRENT STL

ANALYTICAL REPORT

Job Number: 720-3055-1

Job Description: 230 W MacArthur, Oakland

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

Attention: David Gibbs

Melissa Brewer

Melissa Brewer
Project Manager I
mbrewer@stl-inc.com
04/25/2006
Revision: 1

cc: Ron Barone
Karen Newton

Project Manager: Melissa Brewer

METHOD SUMMARY

Client: Cambria Environmental Tech

Job Number: 720-3055-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL-SF	SW846 8260B	
Purge and Trap for Solids	STL-SF		SW846 5030B
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL-SF	SW846 6010B	
Acid Digestion of Sediments, Sludges, and Soils	STL-SF		SW846 3050B

LAB REFERENCES:

STL-SF = STL-San Francisco

METHOD REFERENCES:

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

SAMPLE SUMMARY

Client: Cabria Environmental Tech Job Number: 720-3055-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-3055-5	SP-1	Solid	04/06/2006 1700	04/07/2006 1305

Client: Cambria Environmental Tech | Job Number: 720-3055-1

Client Sample ID: **SP-1**

Lab Sample ID: 720-3055-5 | Date Sampled: 04/06/2006 1700
Client Matrix: Solid | Date Received: 04/07/2006 1305

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 720-7736 | Instrument ID: Varian 3900A
Preparation: 5030B | Lab File ID: c:\saturnws\data\200604\04
Dilution: 1.0 | Initial Weight/Volume: 1.04 g
Date Analyzed: 04/14/2006 0007 | Final Weight/Volume: 10 mL
Date Prepared: 04/14/2006 0007

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.024
Ethylbenzene		ND		0.024
Toluene		ND		0.024
Xylenes, Total		ND		0.048
Gasoline Range Organics (GRO)-C6-C12		6.7		4.8

Surrogate	%Rec	Acceptance Limits
Toluene-d8	92	70 - 130
1,2-Dichloroethane-d4	110	60 - 140

Client: Cambria Environmental Tech

Job Number: 720-3055-1

Client Sample ID: SP-1

Lab Sample ID:	720-3055-5	Date Sampled:	04/06/2006 1700
Client Matrix:	Solid	Date Received:	04/07/2006 1305

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 720-7667		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-7627		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.03 g
Date Analyzed:	04/13/2006 1344			Final Weight/Volume:	50 mL
Date Prepared:	04/13/2006 0631				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Lead		22		0.97

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: Cambria Environmental Tech

Job Number: 720-3055-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:720-7736				
LCS 720-7736/17	Lab Control Spike	Solid	8260B	
LCSD 720-7736/16	Lab Control Spike Duplicate	Solid	8260B	
MB 720-7736/18	Method Blank	Solid	8260B	
720-3055-5	SP-1	Solid	8260B	
720-3060-A-5 MS	Matrix Spike	Solid	8260B	
720-3060-A-5 MSD	Matrix Spike Duplicate	Solid	8260B	
Metals				
Prep Batch: 720-7627				
LCS 720-7627/2-A	Lab Control Spike	Solid	3050B	
LCSD 720-7627/3-A	Lab Control Spike Duplicate	Solid	3050B	
MB 720-7627/1-A	Method Blank	Solid	3050B	
720-3055-5	SP-1	Solid	3050B	
720-3118-A-1-G MS	Matrix Spike	Solid	3050B	
720-3118-A-1-H MSD	Matrix Spike Duplicate	Solid	3050B	
Analysis Batch:720-7667				
LCS 720-7627/2-A	Lab Control Spike	Solid	6010B	720-7627
LCSD 720-7627/3-A	Lab Control Spike Duplicate	Solid	6010B	720-7627
MB 720-7627/1-A	Method Blank	Solid	6010B	720-7627
720-3055-5	SP-1	Solid	6010B	720-7627
720-3118-A-1-G MS	Matrix Spike	Solid	6010B	720-7627
720-3118-A-1-H MSD	Matrix Spike Duplicate	Solid	6010B	720-7627

Client: Cambria Environmental Tech

Job Number: 720-3055-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample	(12DCE) (%Rec)	(TOL) (%Rec)
720-3055-5	SP-1	110	92
720-3060-A-5 MS		86	94
720-3060-A-5 MSD		91	92
LCS 720-7736/17		93	94
LCSD 720-7736/16		91	94
MB 720-7736/18		95	92

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

Client: Cambria Environmental Tech

Job Number: 720-3055-1

Method Blank - Batch: 720-7736

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-7736/18
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/13/2006 1059
Date Prepared: 04/13/2006 1059

Analysis Batch: 720-7736
Prep Batch: N/A
Units: mg/Kg

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

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Ethylbenzene	ND		0.0050
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
Gasoline Range Organics (GRO)-C6-C12	ND		1.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8	92	70 - 130
1,2-Dichloroethane-d4	95	60 - 140

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-7736

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-7736/17
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/13/2006 1015
Date Prepared: 04/13/2006 1015

Analysis Batch: 720-7736
Prep Batch: N/A
Units: mg/Kg

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

LCSD Lab Sample ID: LCSD 720-7736/16
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/13/2006 1037
Date Prepared: 04/13/2006 1037

Analysis Batch: 720-7736
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200604\041
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	94	89	69 - 129	5	20		
Toluene	93	91	70 - 130	2	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	94	94	70 - 130
1,2-Dichloroethane-d4	93	91	60 - 140

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

Client: Cambria Environmental Tech

Job Number: 720-3055-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-7736

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-3060-A-5 MS	Analysis Batch: 720-7736	Instrument ID: Varian 3900A
Client Matrix:	Solid	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200604\(
Dilution:	1.0		Initial Weight/Volume: 5.02 g
Date Analyzed:	04/13/2006 1152		Final Weight/Volume: 10 mL
Date Prepared:	04/13/2006 1152		

MSD Lab Sample ID:	720-3060-A-5 MSD	Analysis Batch: 720-7736	Instrument ID: Varian 3900A
Client Matrix:	Solid	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200604\0
Dilution:	1.0		Initial Weight/Volume: 5.02 g
Date Analyzed:	04/13/2006 1214		Final Weight/Volume: 10 mL
Date Prepared:	04/13/2006 1214		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	88	91	69 - 129	3	20		
Toluene	89	91	70 - 130	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8	94	92	70 - 130
1,2-Dichloroethane-d4	86	91	60 - 140

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

Client: Cambria Environmental Tech

Job Number: 720-3055-1

Method Blank - Batch: 720-7627

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 720-7627/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/13/2006 1252
Date Prepared: 04/13/2006 0631

Analysis Batch: 720-7667
Prep Batch: 720-7627
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Lead	ND		1.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-7627

Method: 6010B
Preparation: 3050B

LCS Lab Sample ID: LCS 720-7627/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/13/2006 1255
Date Prepared: 04/13/2006 0631

Analysis Batch: 720-7667
Prep Batch: 720-7627
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1 g
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-7627/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/13/2006 1259
Date Prepared: 04/13/2006 0631

Analysis Batch: 720-7667
Prep Batch: 720-7627
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1 g
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Lead	88	86	80 - 120	3	20		

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

Client: Cambria Environmental Tech

Job Number: 720-3055-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-7627

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	720-3118-A-1-G MS	Analysis Batch: 720-7667	Instrument ID: Varian ICP
Client Matrix:	Solid	Prep Batch: 720-7627	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 1.00 g
Date Analyzed:	04/13/2006 1325		Final Weight/Volume: 50 mL
Date Prepared:	04/13/2006 0631		

MSD Lab Sample ID:	720-3118-A-1-H MSD	Analysis Batch: 720-7667	Instrument ID: Varian ICP
Client Matrix:	Solid	Prep Batch: 720-7627	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 1.02 g
Date Analyzed:	04/13/2006 1329		Final Weight/Volume: 50 mL
Date Prepared:	04/13/2006 0631		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Lead	83	88	75 - 125	3	20		

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

SHELL Chain Of Custody Record

40336

LAB [redacted] STL Other

[redacted] SF Lab

Shell Project Manager to be invoiced:
Denis Brown
720-3055

☑ ENVIRONMENTAL SERVICES
☐ TECHNICAL SERVICES
☐ GPMT HOUSTON

INCIDENT NUMBER (ES ONLY): 98995741

SAP or GPMT NUMBER (TS/GPMT):

DATE: 4th 6/2006

PAGE 1 of 1

Consultant / Company: Cambria Environmental Technology, Inc.	Address: 5900 Hollis Street, Suite A, Emeryville, CA 94608	Consultant Project Manager: David Gibbs PG	Phone: 510.420.3363 / Fax: 510.420.9170 / Email: dgibbs@cambria-env.com
Site Address, Street and City: 230 W MacArthur, Oakland	State: CA	Global ID: T0600101240	
Consultant Project Contact (Name, Office Location): Brenda Carter, Cambria, Emeryville	Phone: 510-420-3343	Email: shell.cru.ud1@cambria-env.com	Consultant Project No.: 248-0902-006
Shell Contact (Name): BARONE	LAB USE ONLY		

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

☐ EDF/GEO REPORT FORMAT ☐ DEX AGENCY: _____

QC VS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per ANALYTE _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: CHECK IF PDF IS NOT NEEDED ☐

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

RELEASE VERIFICATION REQUIRED ☑

REQUESTED ANALYSIS

Lab USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT.	TPH - Purgeable (8260B)	BTEX (8260B)	5 Oxygenates (8260B) MTBE, TBA, DIPE, TAME, ETBE	Test for Disposal (see attached)
	SP-1-A	4/6	1760	SO	1	X	X	X	X
	SP-1-B	↓	↓	↓	↓				X
	SP-1-C								X
	SP-1-D								X

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

TEMPERATURE ON RECEIPT C°: 2

Relinquished by (Signature)	Received by (Signature)	Date	Time
	Seema Lamba	4/7/2006	1100
Relinquished by (Signature)	Received by (Signature)	Date	Time
		4/7/06	1:05
Relinquished by (Signature) 4/7/06	Received by (Signature)	Date 4/7/06	Time 1738

GSO Graphic (714) 538-9700

11-1906 Revision

40336 720-3055

RESIDUAL MANAGEMENT PROCEDURE

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

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

CALIFORNIA - TRANSPORTATION AND RELAND

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

CAM METALS = TTLC METALS - LEAD ONLY
STLC ON ALL TTLC METALS 10 TIMES STLC MAXIMUM
TTLC LEAD = > 13 MG/KG REQUIRES ORGANIC LEAD ANALYSIS
IF ANY TTLC TOTAL METAL IS > OR = TO 20 TIMES TCLP REGULATORY LEVELS, TCLP IS REQUIRED

TOTAL PETROLEUM HYDROCARBONS, METHOD 418.1 OR 8015) — GASOLINE

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

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

LABORATORY INSTRUCTIONS (MINIMUM GUIDELINES ONLY)
-ALTERNATE APPROVED TEST METHODS PER SW846 ARE ALSO ACCEPTABLE
-ALL REQUIRED TESTS ON COMPOSITE (MAX 4:1)
-LABORATORY IS TO SUPPLY QA/QC INFORMATION WITH ALL ANALYTICAL REPORTS
~~-EMAIL OR FAX ALL ANALYSIS TO THE CENTRALIZED RESIDUAL MANAGEMENT TEAM~~

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

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Cambria Environmental Tech

Job Number: 720-3055-1

Login Number: 3055

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	TIME ON SAMPLES 15:00
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	False	COMP 4:1

Calscience Environmental Laboratories, Inc.

April 25, 2006

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

Subject: **Calscience Work Order No.:** **06-04-0991**
Client Reference: **720-3055 / 230 W MacArthur, Oakland**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 4/18/2006 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Amanda Porter

Calscience Environmental
Laboratories, Inc.
Amanda Porter
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Severn Trent Laboratories, Inc.	Date Received:	04/18/06
1220 Quarry Lane	Work Order No:	06-04-0991
Pleasanton, CA 94566-4756	Preparation:	DHS LUFT
	Method:	DHS LUFT

Project: 720-3055 / 230 W MacArthur, Oakland

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SP-1 720-3055-5	**06-04-0991-1**	**04/06/06**	**Solid**	**04/20/06**	**04/20/06**	**060420L08**

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

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-020-532**	**N/A**	**Solid**	**04/20/06**	**04/20/06**	**060420L08**

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

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Severn Trent Laboratories, Inc.	Date Received:	04/18/06
1220 Quarry Lane	Work Order No:	06-04-0991
Pleasanton, CA 94566-4756	Preparation:	DHS LUFT
	Method:	DHS LUFT

Project 720-3055 / 230 W MacArthur, Oakland

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-04-1086-4	**Solid**	**FLAA**	**04/20/06**	**04/20/06**	**060420S08**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Organic Lead	94	94	22-148	0	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Severn Trent Laboratories, Inc.	Date Received:	N/A
1220 Quarry Lane	Work Order No:	06-04-0991
Pleasanton, CA 94566-4756	Preparation:	DHS LUFT
	Method:	DHS LUFT

Project: 720-3055 / 230 W MacArthur, Oakland

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-10-020-532	Solid	FLAA	04/20/06	NONE	060420L08

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Organic Lead	25.0	25.9	104	72-126	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-04-0991

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

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

Chain of Custody Record

0991

SEVERN TRENT STL
Severn Trent Laboratories, Inc.

Client Contact	Project Manager: Brewer, Melissa	Site Contact:	Date:	ICOC No: 720-754
Shipping/Receiving@ Calscience Environm	Tel/Fax:	Lab Contact:	Carrier No:	Job Number: 720-3055-2
7440 Lincoln Way,	Analysis Due Date			
Garden Grove, CA 92641	~~4/24/2006~~ 4-25-06			
Phone: 714-895-5494	Shipped with Order No: 720-728			
Fax:				
Project Name: 230 W MacArthur, Oakland				
Site:				
PO #: Cambria				
WO #:				

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	SUBCONTRACT/ Organic Lead	Special Instructions/Note:
SP-1 720-3055-5	4/6/06	17:00		Solid	1		X	

Page 21 of 23

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

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

Special Instructions/QC Requirements:

Relinquished by:	Company: STL SF	Date/Time: 4-17-06 1400	Received by:	Company:
Relinquished by:	Company:	Date/Time:	Received by:	Company:
Relinquished by:	Company:	Date/Time: 4/18/06 1000	Received by:	Company: CEL

Comments:

Page 6 of 8

SHELL Chain Of Custody Record

40336

Lab Identification (if necessary):

☐ STL ☐ Other (location)_____

SF Lab

Shell Project Manager to be invoiced:
☑ ENVIRONMENTAL SERVICES ☐ TECHNICAL SERVICES ☐ CRMT HOUSTON
Denis Brown 720-3055
☐ NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

INCIDENT NUMBER (ES ONLY): 98995741
SAP or CRMT NUMBER (TS/CRMT):

DATE: 4/6/2006
PAGE: 1 of 1

SAMPLING COMPANY:	LOGI CODE:	SITE ADDRESS: Street and City	State	GLOBAL ID NO.:
Cambria Environmental Technology, Inc.	CETO	230 W MacArthur, Oakland	CA	T0600101240

ADDRESS:	EDF DELIVERABLE TO (Name, Company, Office Location):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
5900 Hollis Street, Suite A, Emeryville, CA 94608	Brenda Carter, Cambria, Emeryville	510-420-3343	shell.em.edf@cambria-env.com	248-0902-006

PROJECT CONTACT (Hardcopy or PDF Report to):	TELEPHONE:	FAX:	E-MAIL:	SAMPLER NAME(S) (Print):
David Gibbs PG	510.420.3363	510.420.9170	dgibbs@cambria-env.com	BARONE

LAB USE ONLY 0491

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

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

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

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

RECEIPT VERIFICATION REQUESTED ☑

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	Test for Disposal (see attached)
						X	X	X	
	SP-1-A	4/6	1700	SO	7				X
	SP-1-B	↓	↓	↓	↓				X
	SP-1-C								X
	SP-1-D								X

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

TEMPERATURE ON RECEIPT C° 2

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	Secure Location	4/7/2006	1100
		4/7/06	1:05
4/7/06		4/7/06	1738

11/18/05 Revision

O&O Graphic (714) 898-9702

Page 22 of 23

Page 7 of 8

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 04 - 0991

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: STL DATE: 4/18/06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

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

LABORATORY (Other than Calscience Courier):

5.1 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: JP

CUSTODY SEAL INTACT:

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

Initial: JP

SAMPLE CONDITION:

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

Initial: JP

COMMENTS:

ATTACHMENT F

Department of Water Resources Well Completion Report

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

ATTACHMENT G

Survey Report

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

May 11, 2006
Project No.: 2110-36A

MAY 15 2006

Ron Barone
Cambria Environmental
5900 Hollis Street, Suite A
Emeryville, Ca. 94608

Subject: Monitoring Well Survey
Shell Service Station
230 West MacArthur Boulevard
Oakland, CA

Dear Ron:

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 May 10, 2006. The benchmark for this survey was a cut square in northeast corner of Piedmont Avenue and MacArthur Boulevard. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone III (NAD83). Benchmark Elevation 75.96 feet (NGVD 29).

Latitude	Longitude	Northing	Easting	Elev.	Desc.
				77.34	RIM MW-5
37.8235965	-122.2567851	2127114.52	6054280.13	76.97	TOC MW-5

Sincerely,

LICENSED LAND SURVEYOR
VIRGIL D. CHAVEZ
No. 6323
Exp. 12-31-06
STATE OF CALIFORNIA

Virgil D. Chavez, PLS 6323

ATTACHMENT H

Disposal Confirmation

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

Disposal Confirmation

Request for Transportation Received: 04/26/2006

Consultant Information

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

Site Information

PO #	
Street Address:	230 W. Mac Arthur Blvd.
City, State, ZIP:	Oakland, Ca
Customer:	Shell Oil Company RESA-0023-LDC
RIPR #:	52478
SAP # / Location:	NA
Incident #:	98995741
Location / WIC #:	NA
Environmental Engineer:	Denis Brown
Material Description:	Soil
Estimated Quantity:	~10 cy
Service Requested Date:	ASAP
Disposal Facility:	Forward Landfill
Contact:	Scott
Phone:	800 204-4242
Approval #:	6300
Date of Disposal:	05/02/2006
Actual Tonnage	2.57 tons C&O 1 drum
Transporter:	Manley & Sons Trucking, Inc.
Contact:	Jennifer Rogers
Phone:	916 381-6864
Fax:	916 381-1573
Invoice:	200605-7
Date of Invoice:	05/08/2006