CAMBRIA

May 25, 2006

Mr. Barney Chan
Alameda County Health Care Services (ACHCS)
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: **Subsurface Investigation Report**
Former Chevron Service Station 9-2029
890 W. MacArthur Blvd.
Oakland, California

Dear Mr. Chan:

Cambria Environmental Technology, Inc. (Cambria) is submitting this *Subsurface Investigation Report* on behalf of Chevron Environmental Management Company (Chevron) for the site referenced above. The work was originally proposed in Cambria's *Investigation Workplan* dated September 19, 2005, and approved with modifications by the ACHCS in a letter dated October 26, 2005 (Attachment A). The site background, details of the investigation, laboratory results and Cambria's conclusions are presented below.

SITE BACKGROUND

The site is currently a vacant lot located at the northeast intersection of West MacArthur Boulevard and Market Street in Oakland, California (Figure 1). Surrounding land use is mixed commercial and residential. Chevron began site operation under a ground lease agreement in 1956 and operated a service station continuously at the site until June 2004. According to Chevron's records, facilities were constructed prior to 1956, indicating station operations prior to Chevron's site involvement. Two of the three parcels were subsequently purchased by Chevron in 1957, followed by a third parcel in 1984.

In 1984, the site was reconstructed into its most recent configuration. Product dispensers and the USTs were upgraded in 1997. The former site facilities consisted of a kiosk and five dispenser islands under a common canopy. The previous generation of USTs were located in a common pit directly east of the kiosk. All previous generation USTs were located in the same area. A former used-oil UST was located northeast of the kiosk and adjacent to the northeast dispenser island. A former station building housing hydraulic lifts was located immediately north of the kiosk.

Cambria Environmental Technology, Inc.

2000 Opportunity Drive
Suite 110
Roseville, CA 95678
Tel (916) 677-3407
Fax (916) 677-3687

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SUMMARY OF PREVIOUS ENVIRONMENTAL WORK

April 1981 Tank Test and Subsurface Investigation: In April 1981, Smith and Denison conducted a tank integrity test and advanced two soil borings. The test indicated the tanks were corroded, but had no holes. Total petroleum hydrocarbons as gasoline (TPHg) were reported in three of the four soil samples collected.

March 1991 Air Monitoring: In March 1991, Environmental Health Consultants conducted ambient air monitoring and sampling when a strong hydrocarbon odor was noted in the service station building. The results indicated hydrocarbons were present in air entering the station building from the crawl space beneath the building.

February 1997 Subsurface Investigation: In February, 1997 Gettler-Ryan Inc. (G-R) conducted a soil investigation during the product dispenser replacement and UST upgrade. The existing dispensers were removed and the soil in the immediate vicinity of each dispenser island was excavated. Soil samples were collected at the base of the each excavation at approximately three feet below grade (fbg). These samples contained TPHg, methyl tertiary butyl ether (MTBE) and benzene. Investigation results are presented in G-R's *Soil Sampling During Product Dispenser Investigation Report, dated October 31, 2000*

October 2001 Subsurface Investigation: In October 2001, G-R advanced borings B-1 through B-10 to depths between 16.5 and 19 fbg. Based on analytic results, hydrocarbon impact appeared to be limited to the central and southern portion of the site. Initial groundwater samples collected from the borings indicated maximum 33,000 µg/L TPHg, 1,200 µg/L benzene, and 820 µg/L MTBE.

March 2002 Monitoring Well Installation: In March 2002, Delta Environmental Consultant Inc. (Delta) installed monitoring wells MW-1 through MW-4. No hydrocarbons were detected in soil from MW-1 and MW-2. MW-3, located in the southern portion of the site, reported the highest hydrocarbon concentrations down-gradient of the source area.

April 2005 Station Removal: In April 2005, Chevron contracted Musco Excavators Inc. to remove all station facilities, USTs, dispenser islands and associated piping. Cambria collected compliance samples in the UST cavity, and beneath the disperser islands and associated product piping. Approximately 54 tons of soil was excavated during facility removal and approximately 16,400 gallons of groundwater was pumped out of the tank cavity. Approximately 5,080 tons of additional soil was excavated across the entire site to a depth of approximately 12 fbg as part of a

remedial investigation. Approximately 25,486 gallons of groundwater were pumped from the excavated areas. Details of this investigation can be found in Cambria's *June 17, 2005, Underground Storage Tank/Product Piping Removal and Compliance Sampling Report.*

SUBSURFACE INVESTIGATION RESULTS

The objective of this investigation was to evaluate the horizontal and vertical extent of hydrocarbons in groundwater. To complete this objective Cambria advanced nine Geoprobe® soil borings with depth-discrete groundwater grab samples in each boring.

Grab-groundwater sample results are summarized in Table 1. Boring logs and permits are presented in Attachment B. Laboratory analytical results for grab-groundwater are presented in Attachment C. Cambria's *Standard Field Procedures for Soil Borings* are presented as Attachment D.

Permits: Alameda County Public Works Agency Permit #W2006-0097 and City of Oakland Excavation Permits # X0600321, X0600322, X0600323 and X0600324 (Attachment B).

Drilling Company: Fisch Drilling of Valley Springs, CA (C-57 License # 683865).

Sampling Personnel: Senior Staff Geologist Charlotte Evans and Staff Geologist Bill De Boer conducted all fieldwork under the supervision of California Professional Geologist David W. Herzog (P.G. # 7211).

Number of Soil Borings: Nine soil borings (SB-1 through SB-9).

Drilling Method: The first 8 feet of each boring was cleared using a hand auger to ensure no subsurface utilities were encountered during drilling. Below 8 feet, all borings were advanced using a direct push Geoprobe drilling rig. Standard Field Procedures for borings are presented as Attachment D.

Groundwater Grab Sampling: Groundwater grab samples were collected at first encountered groundwater and approximately 10 to 15 feet below initial groundwater. No groundwater was encountered in soil borings SB-4 and SB-7.

Encountered Lithology: Lithology encountered in each boring consists primarily of silt, clay, sand and gravel mixtures to a total logged depth of 31 fbg.

Laboratory Analyses: A total of 14 grab-groundwater samples were submitted for the following laboratory analysis:

- TPHg by N. CA LUFT Gasoline method,
- BTEX and MTBE by EPA Method 8260B.

Soil Disposal: Soil cuttings are temporarily stored on-site. Pending landfill approval, the cuttings are scheduled to be removed by Integrated Waste Management and transported to a Chevron approved facility for disposal.

Groundwater Depth: Groundwater was encountered at depths ranging from 16 to 23 fbg. No groundwater was encountered in soil borings SB-4 and SB-7.

HYDROCARBON DISTRIBUTION IN GROUNDWATER

Two groundwater grab samples were collected in most soil borings at first encountered water and approximately 10 to 15 feet below initial groundwater depth. Borings SB-4 and SB-7 could not be sampled due to insufficient water. The highest concentrations detected were 2,700 µg/L TPHg (20 fbg, SB-2), 34 µg/L benzene (20 fbg, SB-2), and 210 µg/L MTBE (23 fbg, SB-9). No benzene or MTBE concentrations exceeded San Francisco Bay Regional Water Quality Control Board (SF Bay-RWQCB) environmental screening limits (ESL)[1] of 46 µg/L and 1,800 µg/L, respectively. TPHg only exceeds the ESL of 500 µg/L in soil boring SB-2. Soil boring SB-6, located down-

[1] ESL from Table D: Deep Soils (>3m)-Water is NOT a current potential source of drinking water in Chapter 4 of *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater* prepared by the California Regional Water Quality Control Board San Francisco Bay Region, interim final dated February 2005

gradient of boring SB-2, contained no TPHg, benzene or MTBE above laboratory detection limits. It appears that a minor TPHg plume extends from the former UST pit to underneath the intersection of West MacArthur Boulevard and Market Street. The plume is defined up-gradient by boring B-6, cross-gradient to the east by boring SB-1 and down-gradient by borings SB-3 and SB-6.

CONCLUSIONS AND DISCUSSION

Groundwater impact appears to be essentially defined up-gradient by boring B-6, cross-gradient to the east by boring SB-1 and down-gradient by borings SB-3 and SB-6. TPHg appears to be the only constituent currently reported in site monitoring wells MW-3 and MW-4 and soil boring SB-2 above ESL limits.

Because the site is soon to be re-developed for retail and residential use, the four existing on-site monitoring wells must be properly destroyed and relocated off-site. Replacement wells for MW-3 and MW-4 will be located in the sidewalk immediately adjacent to their current location as shown on Figure 2. Two additional off-site wells will be installed to further evaluate the down-gradient extent of the plume. Cambria will prepare and submit a workplan for this proposed scope-of-work under a separate cover.

LIMITATIONS

Cambria Environmental Technology, Inc. (Cambria) prepared this document for use by our client and appropriate regulatory agencies. It is based partially on information available to Cambria from outside sources and/or in the public domain, and partially on information supplied by Cambria and its subcontractors. Cambria makes no warranty or guarantee, expressed or implied, included or intended in this document, with respect to the accuracy of information obtained from these outside sources or the public domain, or any conclusions or recommendations based on information that was not independently verified by Cambria. This document represents the best professional judgment of Cambria. None of the work performed hereunder constitutes or shall be represented as a legal opinion of any kind or nature.

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CLOSING

We appreciate this opportunity to work with you on this project. Please call Christene Sunding at (916) 677-3407 (ext. 109) if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc.

Christene M. Sunding
Senior Staff Geologist

David W. Herzog P.G. #7211
Senior Project Geologist

Figures: 1 – Vicinity Map
2 – Site Plan with Utilities

Tables: 1 – Grab-groundwater Sample Results

Attachments: A – Regulatory Correspondence
B – Boring Logs and Permits
C – Laboratory Analytical Results
D – Standard Operating Procedures

cc: Mr. Dana Thurman, Chevron Environmental Management Company, P.O. Box 6012, K2236, San Ramon, CA 94583
Cambria File Copy

06/10/05

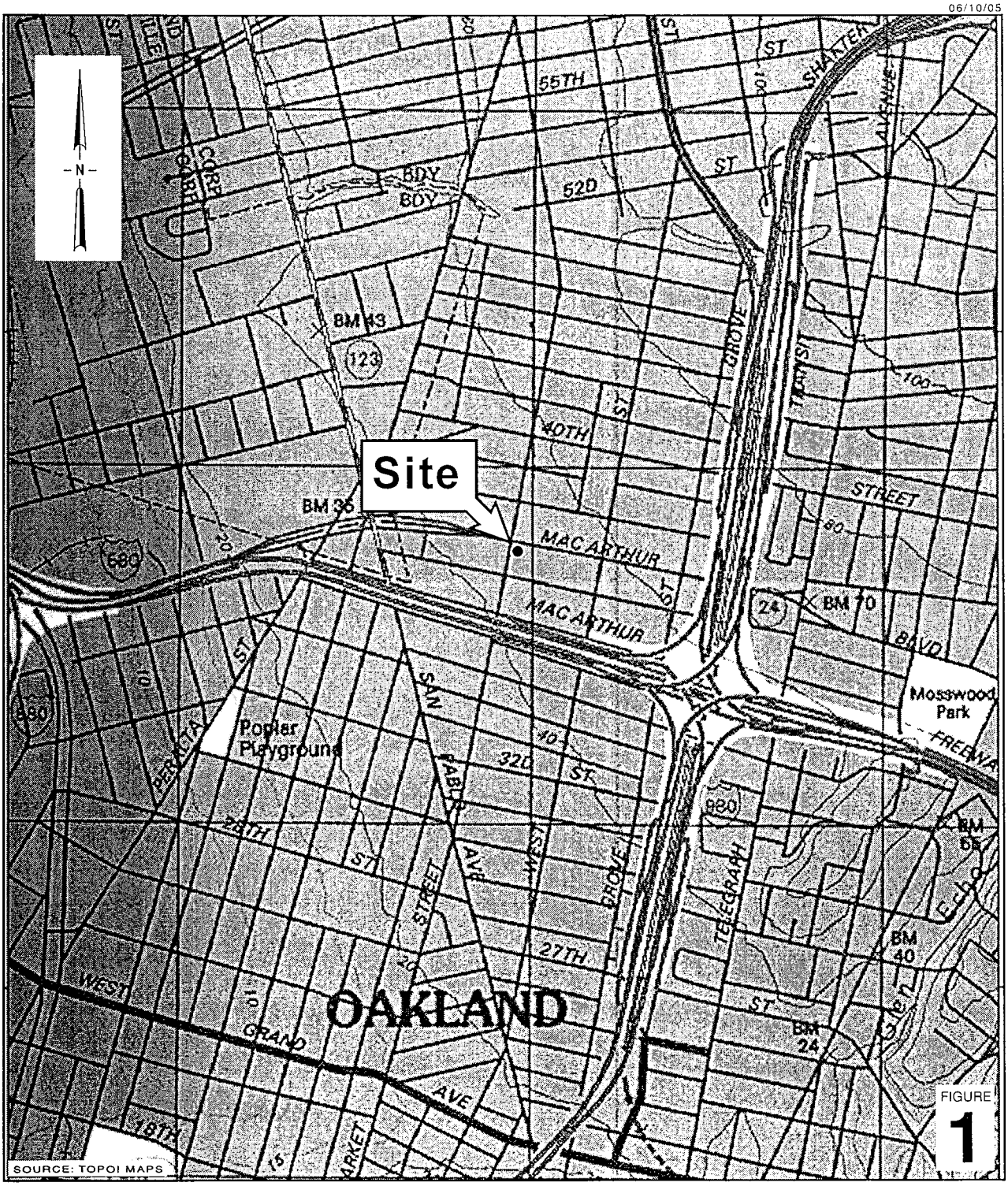

FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

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Chevron Service Station 9-2029

890 West MacArthur Boulevard

Oakland, California

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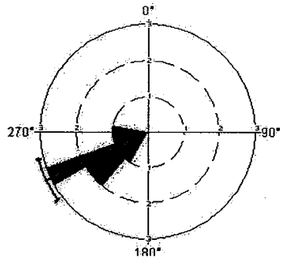
Vicinity Map

5/20/06

EXPLANATION

- MW-1 — Monitoring Well Location
- SB-1 — Soil Boring Location
- Storm drain (SD)
- Sanitary sewer (SS)
- Water line (W)
- Manhole
- FL = 37.78 — Flow line elevation, in feet above mean sea level (msL)
- Proposed monitoring well location
- Interpreted extent of hydrocarbon plume



Historical Groundwater Flow Direction
Second Quarter 2003 to First Quarter 2006

SD SD W W
SS
MARKET STREET
former restrooms/storage
MW-1
B-4
MW-2
B-8
B-6
B-10
B-2
SB-9
former USTs
former kiosk
B-1
former dispenser islands
MW-4
B-7
B-5
SB-7
FL = 35.66
FL = 32.7
B-9
SB-8
B-3
MW-3
Approximate property line
W
SS
FL = 37.78
FL = 39.0
WEST MACARTHUR BOULEVARD
SB-4
SB-3
SB-2
SB-1
SB-5
W
SS
FL = 38.5
SB-6
W SS
SD SD W

N

0 15 30
Scale (ft)

FIGURE
2

Site Plan with Interpreted Extent of the Hydrocarbon Plume

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Former Chevron Station 9-2029
890 W. MacArthur Boulevard
Oakland, California

I:\9-2029 OAKLAN\FIGURES\HCPLUME.DWG

Table 1

Grab-groundwater Sample Results

Former Chevron Station #9-2029, 890 West Mac Arthur Boulevard, Oakland, California

Sample ID	Depth (fbg)	Date Sampled	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DIPE	ETBE	TAME	TBA	1,2-DCA	EDB
			Concentrations in micrograms per liter (µg/L)											
SB-1	20	3/28/2006	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5
	30	3/28/2006	<50	<0.5	**1**	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5
SB-2	20	3/28/2006	**2,700**	**34**	**1**	**83**	**170**	**38**	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5
	31	3/28/2006	**970**	**11**	**1**	**24**	**50**	**13**	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5
SB-3	16	3/30/2006	<50	<0.5	**1**	<0.5	**0.6**	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5
	34	3/30/2006	<50	**0.6**	**2**	<0.5	**1**	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5
SB-5	28	3/29/2006	<50	**1**	**1**	**1**	**3**	**5**	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5
	44	3/29/2006	**51**	**0.8**	**2**	**0.9**	**3**	**0.8**	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5
SB-6	16	3/30/2006	<50	<0.5	**0.7**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5
	30	3/30/2006	<50	<0.5	**0.9**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5
SB-8	23	3/29/2006	**66**	<0.5	**1**	<0.5	**1**	**7**	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5
	33	3/29/2006	**63**	<0.5	**0.7**	<0.5	**0.6**	**2**	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5
SB-9	23	3/30/2006	<50	<0.5	0.6	<0.5	<0.5	**210**	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5
	33	3/30/2006	<50	**0.6**	**0.9**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5

Abbreviations:

TPHg = Total petroleum hydrocarbons as gasoline by N. CA LUFT Gasoline Method
BTEX = Benzene, toluene, ethylbenzene, and xylenes by EPA Method 8260B
MTBE = Methyl tertiary butyl ether by EPA Method 8260B
DIPE = Di-isopropyl ether by EPA Method 8260B
ETBE = Ethyl t-butyl ether by EPA Method 8260B
TAME = t-Amyl methyl ether by EPA Method 8260B
TBA = t-Butyl alcohol by EPA Method 8260B
1,2 DCA= 1,2-Dichloroethane by EPA Method 8260B
EDB = 1,2-Dibromoethane by EPA Method 8260B
<x = below laboratory detection limits

ATTACHMENT A
Regulatory Correspondence

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

October 26, 2005

Mr. Dana Thurman
Chevron Environmental Management Co.
6001 Bollinger Canyon Rd., K2236
P.O. Box 6012
San Ramon, CA 94583-2324

Dear Thurman:

Subject: Fuel Leak Case No. RO0002438, Chevron #9-2029, 890 West MacArthur Blvd., Oakland, CA 94608

Alameda County Environmental Health (ACEH) staff has recently reviewed the case file for the subject site including the September 19, 2005 *Investigation Workplan*, prepared by Cambria Environmental. This work plan responds to the County's prior August 26, 2005 letter. We request that you address the following technical comments, perform the proposed work, and send us the technical reports requested below.

TECHNICAL COMMENTS

1. **Conduit Study-** A conduit study was not proposed in your work plan as requested in our 8/26/05 letter. Therefore, prior to performing the proposed work, we request you perform a utilities/conduit study to insure that the proposed boring locations are not affected by existing preferential pathways. Please submit your conduit study as requested below and confirm your conclusion regarding the utilities and conduits with our office prior to performing the proposed work.

2. **Contaminant Plume Definition-** The work plan proposes advancing eight (8) Geoprobe borings down-gradient of wells MW-3 and MW-4, the current most impacted wells at the site. One of the borings is proposed down-gradient of the former UST pit, where the highest soil concentrations were found. Three depth discrete groundwater samples are proposed to determine the three dimensional characteristics of the plume. We approve this work with the following recommended changes.

   - The locations of the borings should be omitted or changed according to the attached figure 2. The recommended changes include omitting the two westernmost borings, adding three additional borings to define the north, south and east edges of the plume, moving one boring closer to EX28, the highest post-excavation sample and moving one boring into the former tank pit, formerly not sampled.
   - Groundwater samples proposed for sampling at depths of 10, 17 and 25 fbg, should be collected at first encountered groundwater believed to be 10-15 fbg and at approximately 10-15' below the first encountered depth. Soil samples should be examined and screened every five feet with those exhibiting odors analyzed by the laboratory.
   - Soil and groundwater samples should be tested for TPHg and BTEX, MTBE, TAME, ETBE, DIPE, TBA, EDB, EDC and ethanol by EPA Method 8260. Please submit your soil and groundwater investigation report as requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health according to the following schedule:

- November 28, 2005- Conduit Study
- 60 days after completion of SWI- Soil and Groundwater Investigation Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) now request submission of reports in electronic form. The electronic copy is intended to replace the need for a paper copy and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). Please visit the State Water Resources Control Board for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or

certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to $10,000 per day for each day of violation.

If you have any questions, please call me at (510) 567-6765.

Sincerely,

Barney M Chan

Barney M. Chan
Hazardous Materials Specialist

Enclosure: Figure 2

C: files, D. Drogos
Mr. David Herzog, Cambria Environmental, 4111 Citrus Ave., Suite 9, Rocklin, CA 95677
Mr. Jesse Kupers, OFD, 250 Frank Ogawa Plaza, Suite 3341, Oakland, CA 94612

10_26_05 890 WMacArthur

ATTACHMENT B
Boring Logs and Permits

Cambria Environmental Technology, Inc.
2000 Opportunity Drive, Suite 110
Roseville, CA 95678
Telephone: 916.677.3407
Fax: 916.677.3687

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management	**BORING/WELL NAME**	SB-1
JOB/SITE NAME	9-2029	**DRILLING STARTED**	28-Mar-06
LOCATION	890 West MacArthur Boulevard, Oakland, CA	**DRILLING COMPLETED**	28-Mar-06
PROJECT NUMBER	61H-1974	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Fisch Environmental Construction Services	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Geoprobe Direct Push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	3"	**SCREENED INTERVAL**	NA
LOGGED BY	B. DeBoer	**DEPTH TO WATER (First Encountered)**	20.0 ft (28-Mar-06) ▽
REVIEWED BY	D. Herzog, PG# 7211	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Hand auger clearing to 8 fbg.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							ASPHALT	0.3	
							CONCRETE	1.0	
							SILT ; Dry; light brown; 60% silt, 40% clay; high plasticity; low estimated permeability.		
								4.5	
0				5			**SILT with sand** ; Dry; light brown; 45% silt, 40% clay, 15% fine sand; medium plasticity; low estimated permeability.	6.0	
							Sandy SILT ; Dry; light brown; 50% silt, 30% medium sand, 10% clay, 10% fine gravel; medium placticity; moderate estimated permeability.		
					ML			9.0	
0				10			**SILT with sand** ; Dry; brown; 50% silt, 25% very fine sand, 25% clay; high plasticity; low estimated permeability.	11.0	
							SILT with gravel ; Light greenish gray; dry; 50% silt, 35% fine gravel, 15% medium sand; medium plasticity; medium estimated permeability.	12.0	
							SILT ; Brown; moist; 85% silt, 15% clay; high plasticity; low estimated permeability.	13.0	
							SILT with gravel ; dry; brown; 30% clay, 50% silt, 20% fine gravel; medium plasticity; low estimated permeability.		
21				15				16.0	◄ Portland Type I/II
					GW		**Well-graded GRAVEL with sand** ; Brown; moist; 65% fine gravel, 15% silt, 20% medium sand; high estimated permeability.	17.0	
					ML		**SILT with gravel** ; Brown; moist; 50% silt, 30% clay, 20% fine gravel; medium plasticity; low estimated permeability.		
								20.0 ▽	
0				20	SW		**SAND with silt and gravel** ; Brown; wet; 70% fine and medium sand, 15% silt, 15% fine gravel; high estimated permeability.	20.5	
							No Recovery due to large volume of water in boring.		
0				25				27.0	
					SP		**SAND with gravel** ; Brown; wet; 85% medium sand, 15% fine gravel; high estimated permeability.		
0				30				31.0	Bottom of Boring @ 31 ft

WELL LOG (PID) R:\9-2029-1\INVEST~1\GINT\MARCH 2006.GPJ DEFAULT.GDT 5/22/06

Cambria Environmental Technology, Inc.
2000 Opportunity Drive, Suite 110
Roseville, CA 95678
Telephone: 916.677.3407
Fax: 916.677.3687

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management	**BORING/WELL NAME**	SB-2
JOB/SITE NAME	9-2029	**DRILLING STARTED**	28-Mar-06
LOCATION	890 West MacArthur Boulevard, Oakland, CA	**DRILLING COMPLETED**	28-Mar-06
PROJECT NUMBER	61H-1974	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Fisch Environmental Construction Services	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Geoprobe Direct Push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	3"	**SCREENED INTERVAL**	NA
LOGGED BY	B. DeBoer	**DEPTH TO WATER (First Encountered)**	18.0 ft (28-Mar-06) ▽
REVIEWED BY	D. Herzog, PG# 7211	**DEPTH TO WATER (Static)**	NA ▼

REMARKS Hand auger clearing to 8 fbg.

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							ASPHALT	0.3	
							CONCRETE	1.0	
							SILT ; Black; dry; 60% silt, 40% clay; high plasticity; low estimated permeability.		
							Green mottling present		
					ML			4.5	
0				5			**Silt with SAND** ; Light brown with green; 40% clay, 35% silt, 15% fine sand, 10% fine gravel; moderate plasticity; low estimated permeability.		
								8.0	
					SM		**Sand with SILT** ; Brown with green; dry; 60% medium sand, 30% silt, 10% fine gravel; low plasticity; moderate estimated permeability.	9.0	
0				10	ML		**SILT** ; Light green; moist; 85% silt, 15% clay; moderate plasticity; medium estimated permeability.		
								12.0	
					ML		**SILT with gravel** ; Green; moist; 70% silt, 20% fine gravel, 10% clay,; moderate plasticity; medium estimated permeability.	12.5	
							SILT ; Light green; moist; 80% silt, 10% clay, 10% fine gravel; moderate plasticity; medium estimated permeability.	15.5	Portland Type I/II
0				15	GW		**GRAVEL with silt and sand** ; Light brown; dry; 60% fine gravel, 25% fine sand, 15% silt ; high estimated permeability.	17.0	
					ML		**SILT** ; Light brown; moist; 90% silt, 10% clay; high plasticity; low estimated permeability. ▽	18.5	
					GW		**GRAVEL with silt and sand** ; Light brown; moist; 65% fine gravel, 15% silt, 20% fine sand; high estimated permeability.	20.0	
0				20	SW		**SAND with silt and gravel** ; Brown; wet; 70% fine and medium sand, 15% silt, 15% fine gravel; high estimated permeability.	20.5	
							No Recovery due to large volume of water in boring.		
0				25				27.0	
					SP		**SAND with gravel** ; Brown; wet; 85% medium sand, 15% fine gravel; high estimated permeability.		
0				30				31.0	Bottom of Boring @ 31 ft

WELL LOG (PID) R:\9-2029-1\INVEST~1\GINT\MARCH 2006.GPJ DEFAULT.GDT 5/22/06

Cambria Environmental Technology, Inc.
2000 Opportunity Drive, Suite 110
Roseville, CA 95678
Telephone: 916.677.3407
Fax: 916.677.3687

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management	**BORING/WELL NAME**	SB-3
JOB/SITE NAME	9-2029	**DRILLING STARTED**	30-Mar-06
LOCATION	890 West MacArthur Boulevard, Oakland, CA	**DRILLING COMPLETED**	30-Mar-06
PROJECT NUMBER	61H-1974	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Fisch Environmental Construction Services	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Geoprobe Direct Push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	3"	**SCREENED INTERVAL**	NA
LOGGED BY	B. DeBoer	**DEPTH TO WATER (First Encountered)**	14.0 ft (30-Mar-06) ▽
REVIEWED BY	D. Herzog, PG# 7211	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Hand auger clearing to 8 fbg.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							ASPHALT	0.3	
							CONCRETE	1.0	
							SAND with silt and gravel ; Light brown; dry; 45% fine and medium sand, 30% silt, 25% fine gravel; low plasticity; high estimated permeability.		
0				5	SM			7.0	
							SAND with silt and gravel ; Light brown; dry; 50% fine and medium sand, 30% fine gravel, 20% silt; low plasticity; high estimated permeability.		
0				10	SM			12.0	
					SM		**SAND with silt and gravel** ; Light brown; moist; 45% fine and medium sand, 30% silt, 25% fine gravel; low plasticity; high estimated permeability. ▽	13.0	
0				15	ML		**SILT with sand** ; Brown; wett; 60% silt, 15% clay, 15% fine sand, 10% fine gravel; medium plasticity; low estimated permeability.	17.0	◄ Portland Type I/II
					ML		**SILT** ; Light brown; dry; 60% silt, 40% clay; high plasticity; low estimated permeability.		
0				20			Hydropunch interval-Not logged	20.0	
				25					
				30				34.0	Bottom of

WELL LOG (PID) R:\9-2029-1\INVEST-1\GINT\MARCH 2006.GPJ DEFAULT.GDT 5/22/06

Continued Next Page

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Fax: 916.677.3687

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management	**BORING/WELL NAME**	SB-3
JOB/SITE NAME	9-2029	**DRILLING STARTED**	30-Mar-06
LOCATION	890 West MacArthur Boulevard, Oakland, CA	**DRILLING COMPLETED**	30-Mar-06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
									Boring @ 34 ft

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management	**BORING/WELL NAME**	SB-4
JOB/SITE NAME	9-2029	**DRILLING STARTED**	29-Mar-06
LOCATION	890 West MacArthur Boulevard, Oakland, CA	**DRILLING COMPLETED**	29-Mar-06
PROJECT NUMBER	61H-1974	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Fisch Environmental Construction Services	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Geoprobe Direct Push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	3"	**SCREENED INTERVAL**	NA
LOGGED BY	B. DeBoer	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	D. Herzog, PG# 7211	**DEPTH TO WATER (Static)**	NA ▼

REMARKS Hand auger clearing to 8 fbg.

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							ASPHALT	0.3	
							CONCRETE	1.0	
					ML		**SILT with sand** ; Light brown; dry; 75% silt, 25% medium sand; moderate plasticity; low estimated permeability.	3.0	
					SP SM		**SAND with silt** ; Light brown; dry; 60% fine sand, 35% silt, 5% fine gravel; low plasticity, high estimated permeability.	5.0	
0				5			**SILT** ; Light brown; dry; 70% silt, 20% clay, 5% fine sand, 5% fine gravel; low plasticity; low estimated permeability.	7.0	
							SILT with sand and gravel ; Light brown; dry; 60% silt, 20% fine gravel, 15% fine sand, 5% clay, ; moderate plasticity; medium estimated permeability.	9.0	
0				10			**SILT with sand** ; Light brown; 75% silt, 15% fine sand, 10% clay; high plasticity; low estimated permeability.	14.0	
0				15	ML		**Sandy SILT with gravel** ; Light brown; moist; 50% silt, 25% very fine sand, 20% fine gravel 5% clay, ; moderate plasticity; moderate estimated permeability.	16.0	◄ Portland Type I/II
							SILT ; Light brown; dry; 60% silt, 40% clay; high plasticity; low estimated permeabiliy	20.0	
0				20			**SILT** ; Light brown; dry; 65% silt, 25% clay, 10% very fine sand; high placticity; low estimated permeability.		
0				25					
0				30				30.0	Bottom of Boring @ 30 ft

WELL LOG (PID) R:\9-2029~1\INVEST~1\GINT\MARCH 2006.GPJ DEFAULT.GDT 5/22/06

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Fax: 916.677.3687

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management	**BORING/WELL NAME**	SB-5
JOB/SITE NAME	9-2029	**DRILLING STARTED**	29-Mar-06
LOCATION	890 West MacArthur Boulevard, Oakland, CA	**DRILLING COMPLETED**	29-Mar-06
PROJECT NUMBER	61H-1974	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Fisch Environmental Construction Services	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Geoprobe Direct Push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	3"	**SCREENED INTERVAL**	NA
LOGGED BY	B. DeBoer	**DEPTH TO WATER (First Encountered)**	30.0 ft (29-Mar-06) ▽
REVIEWED BY	D. Herzog, PG# 7211	**DEPTH TO WATER (Static)**	NA ▼

REMARKS Hand auger clearing to 8 fbg.

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							CONCRETE	0.5	
					ML		**Sandy SILT** ; Golden brown; dry; 60% silt, 30% fine sand, 10% clay; moderate plasticity; low estimated permeability.	3.0	
0				5	GW GM		**GRAVEL with silt and sand** ; Brown; 40% silt, 40% coarse gravel, 20% fine sand; low plasticity; moderate estimated permeability.	8.0	
0				10			**SILT with sand** ; Brown; moist; 50% silt, 25% fine sand, 15% clay, 10 % fine gravel; low plasticity; low estimated permeability.	13.0	
0				15			**SILT with gravel** ; Brown; moist; 65% silt, 15% clay, 10% fine sand, 10% fine gravel; low plasticity; low estimated permeability.	17.0	
0				20	ML		**SILT with sand** ; Brown; moist; 75% silt, 15% fine sand, 10% fine gravel; low plasticity; low estimated permeability.	20.0	
0				25			**SILT with gravel** ; Brown; dry; 65% silt, 15% clay, 10% fine sand, 10% fine gravel; low plasticity; low estimated permeability.		◄ Portland Type I/II
0				30			▽ Saturated	32.0	
0				35	SW SM		**SAND with silt and gravel** ; Brownish black; moist; 40% coarse sand, 30% silt, 30% fine gravel; low plasticity, high estimated permeability.	34.0	
							Hydropunch Interval-Not Logged		

WELL LOG (PID) R:\9-2029~1\INVEST~1\GINTMARCH 2006.GPJ DEFAULT.GDT 5/22/06

Continued Next Page

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Fax: 916.677.3687

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management	**BORING/WELL NAME**	SB-5
JOB/SITE NAME	9-2029	**DRILLING STARTED**	29-Mar-06
LOCATION	890 West MacArthur Boulevard, Oakland, CA	**DRILLING COMPLETED**	29-Mar-06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
				40				44.0	Bottom of Boring @ 44 ft

WELL LOG (PID) R:\9-2029-1\INVEST-1\GINT\MARCH 2006.GPJ DEFAULT.GDT 5/22/06

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Fax: 916.677.3687

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management	**BORING/WELL NAME**	SB-6
JOB/SITE NAME	9-2029	**DRILLING STARTED**	30-Mar-06
LOCATION	890 West MacArthur Boulevard, Oakland, CA	**DRILLING COMPLETED**	30-Mar-06
PROJECT NUMBER	61H-1974	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Fisch Environmental Construction Services	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Geoprobe Direct Push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	3"	**SCREENED INTERVAL**	NA
LOGGED BY	B. DeBoer	**DEPTH TO WATER (First Encountered)**	13.0 ft (30-Mar-06) ▽
REVIEWED BY	D. Herzog, PG# 7211	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Hand auger clearing to 8 fbg.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							CONCRETE	0.5	
					SM		**Silty SAND with gravel** ; Dark brown; dry; 60% fine and medium sand, 25% silt, 15% gravel; low plasticity; high estimated permeability.	2.0	
					ML		**SILT with sand** ; Black; dry; 60% silt, 20% clay, 20% fine sand; moderate plasticity; low estimated permeability.	3.0	
					GM		**GRAVEL with silt and sand** : Brown; dry; 40% gravel, 35% fine sand, 25% silt; low plasticity, high estimated permeability.	5.0	
0				5			**SILT** ; Gray brown; dry; 65% silt, 30% clay, 5% fine gravel; low plasticity; low estimated permeability.		
					ML		**SILT** ; Gray brown; dry; 60% silt, 40% clay; high plasticity; low estimated permeability.	8.0	
0				10				11.0	
					GM		**Silty GRAVEL with sand** ; dry; 45% fine gravel, 30% silt, 15% fine sand, 10% clay; low plasticity, high estimated permeability.	12.0	
					ML		**SILT** ; Light brown; moist; 70% silt, 20% clay, 10% fine gravel; low plasticity; low estimated permeability. ▽	13.0	
				15			**Sandy SILT** ; Light brown; wet; 50% silt, 40% fine sand, 10% clay; low plasticity; high estimated permeability.	15.0	Portland Type I/II
0							**SILT** ; Light brown; dry; 70% silt, 20% clay, 10% fine sand; moderate plasticity; low estimated permeability.	16.0	
							Hydropunch Interval-Not Logged		
				20					
				25					
				30				30.0	Bottom of Boring @ 30 ft

WELL LOG (PID) R:\9-2029-1\INVEST-1\GINTMARCH 2006.GPJ DEFAULT.GDT 5/22/06

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management	**BORING/WELL NAME**	SB-7
JOB/SITE NAME	9-2029	**DRILLING STARTED**	28-Mar-06
LOCATION	890 West MacArthur Boulevard, Oakland, CA	**DRILLING COMPLETED**	28-Mar-06
PROJECT NUMBER	61H-1974	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Fisch Environmental Construction Services	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Geoprobe Direct Push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	3"	**SCREENED INTERVAL**	NA
LOGGED BY	B. DeBoer	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	D. Herzog, PG# 7211	**DEPTH TO WATER (Static)**	NA ▼

REMARKS

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							CONCRETE	0.5	
					SM		**Silty SAND with gravel** ; Dark brown; dry; 60% fine and medium sand, 25% silt 15% fine gravel; low plasticity; high estimated permeability.	3.0	
							SILT with sand ; Gray green; dry; 60% silt, 20% clay, 20% fine sand; high plasticity; low estimated permeability.		
0				5	ML		**SILT** ; Gray green; moist; 50% silt, 40% clay, 10% fine gravel; moderate plasticity; moderate estimated permeability.	6.0	◄ Portland Type I/II
0				10	GW		**GRAVEL with silt** ; Gray green; moist; 70% fine gravel, 20% silt, 10% fine sand; low plasticity, high estimated permeability.	11.0	
					ML		**SILT** ; Light brown; dry; 65% silt, 25% fine sand, 10% clay: moderate plasticity; low estimated permeability.	13.5	
0				15			**SILT** ; Light brown; dry; 60% silt, 40% clay; high plasticity; low estimated permeability.	15.0 16.0	Bottom of Boring @ 16 ft

WELL LOG (PID) R:\9-2029~1\INVEST~1\GINTMARCH 2006.GPJ DEFAULT.GDT 5/22/06

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: 02/04/2006 By suel
Permits Issued: W2006-0097

Receipt Number: WR2006-0053
Permits Valid from 03/28/2006 to 03/30/2006

Application Id: 1139004472677
Site Location: 890 W MacArthur Blvd., Oakland, CA 94609
Project Start Date: 03/28/2006

City of Project Site: Oakland

Completion Date: 03/30/2006

Applicant: Cambria Environmental - Leon Gearhart
2000 Opportunity Dr., #110, Roseville, CA 95678
Phone: 916-677-3407

Property Owner: Chevron Environmental Management
PO Box 6012, San Ramon, CA 94583
Phone: 925-842-9559

Client: ** same as Property Owner **

Total Due: $200.00
Total Amount Paid: $200.00
Payer Name : Cambria Environmental Technology, Inc. Paid By: CHECK **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 9 Boreholes
Driller: Gregg Drilling - Lic #: 485165 - Method: other

Work Total: $200.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2006-0097	02/04/2006	06/19/2006	9	2.00 in.	50.00 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. 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.

5. 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.

6. 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.

CITY OF OAKLAND • Community and Economic Development Agency
250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • FAX (510) 238-2263

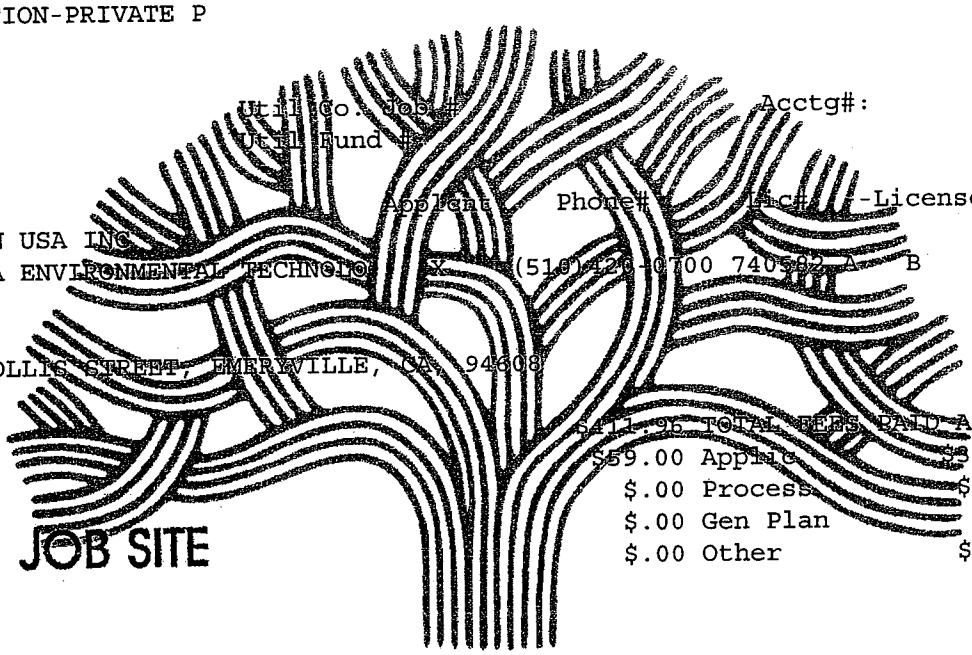
Job Site 880 W MACARTHUR BL Parcel# 012 -0959-021-01 Appl# X0600321

Descr soil boring East of Market Permit Issued 03/27/06

Work Type EXCAVATION-PRIVATE P

USA # Util Co. Job # Acctg#:
Util Fund #

Owner CHEVRON USA INC Applcnt Phone# Lic# -License Classes--
Contractor CAMBRIA ENVIRONMENTAL TECHNOLO X (510)420-0700 740582 A B
Arch/Engr
Agent
Applic Addr 5900 HOLLIS STREET, EMERYVILLE, CA, 94608



$411.96 TOTAL FEES PAID AT ISSUANCE
$59.00 Applic $300.00 Permit
$.00 Process $34.11 Rec Mgmt
$.00 Gen Plan $.00 Invstg
$.00 Other $18.85 Tech Enh

CITY OF OAKLAND

DIST:

ress:

Office of Planning and Building

EXCAVATION PERMIT

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL ENGINEERIN

Permit valid for 90 days from date of issuance.

PERMIT NUMBER	SITE ADDRESS/LOCATION
X 0 6 0 0 3 2 1	* 880 W. MacArthur Blvd.; east of Market St.
APPROX. START DATE: 03/28/06 / APPROX. END DATE: 03/30/06	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number): 510-385-0387
CONTRACTOR'S LICENSE # AND CLASS: 740582 CLASS A	CITY BUSINESS TAX #

ATTENTION:

1- State law requires that the contractor/owner call Underground Service Alert (USA) two working days before excavating. This permit is not valid unless applicant has secured an inquiry identification number issued by USA. The USA telephone number is 1-800-642-2444. Underground Service Alert (USA) # 095301 095287

2- 48 hours prior to starting work, you MUST CALL (510) 238-3651 to schedule an inspection.

3- 48 hours prior to re-paving, a compaction certificate is required (waived for approved slurry backfill).

OWNER/BUILDER

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500):

☐ I, as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

☐ I, as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtenances thereto, (2) the work will be performed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption on this subdivision on more than tw structures more than once during any three-year period. (Sec. 7044 Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project, (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License law).

☐ I am exempt under Sec. _____, B&PC for this reason _____.

WORKER'S COMPENSATION

☐ I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code).

Policy # _____ Company Name _____

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California (not required for work valued at one hundred dollars ($100) or less).

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked. This permit is issued pursuant to all provisions of Title 12 Chapter 12.12 of the Oakland Municipal Code. It is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of the permit agrees to defend, indemnify, save and hold harmless the City, its officers and employees, from and against any and all suits, claims, or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This permit is void 90 days from the date of issuance unless an extension is granted by the Director of the Office of Planning and Building.

I hereby affirm that I am licensed under provisions of Chapter 9 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor), that I have read this permit and agree to its requirements, and that the above information is true and correct under penalty of law.

X _____ 03/27/06

Signature of Permittee ☑ Agent for ☐ Contractor ☐ Owner — Date

DATE STREET LAST RESURFACED	SPECIAL PAVING DETAIL REQUIRED? ☐ YES ☐ NO	HOLIDAY RESTRICTION? (NOV 1 - JAN 1) ☐ YES ☐ NO	LIMITED OPERATION AREA? (7AM-9AM & 4PM-6PM) ☐ YES ☐ NO
ISSUED BY		DATE ISSUED	

CITY OF OAKLAND • Community and Economic Development Agency
250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • FAX (510) 238-2263

Job Site 880 W MACARTHUR BL Parcel# 012 -0959-021-01 Appl# X0600322

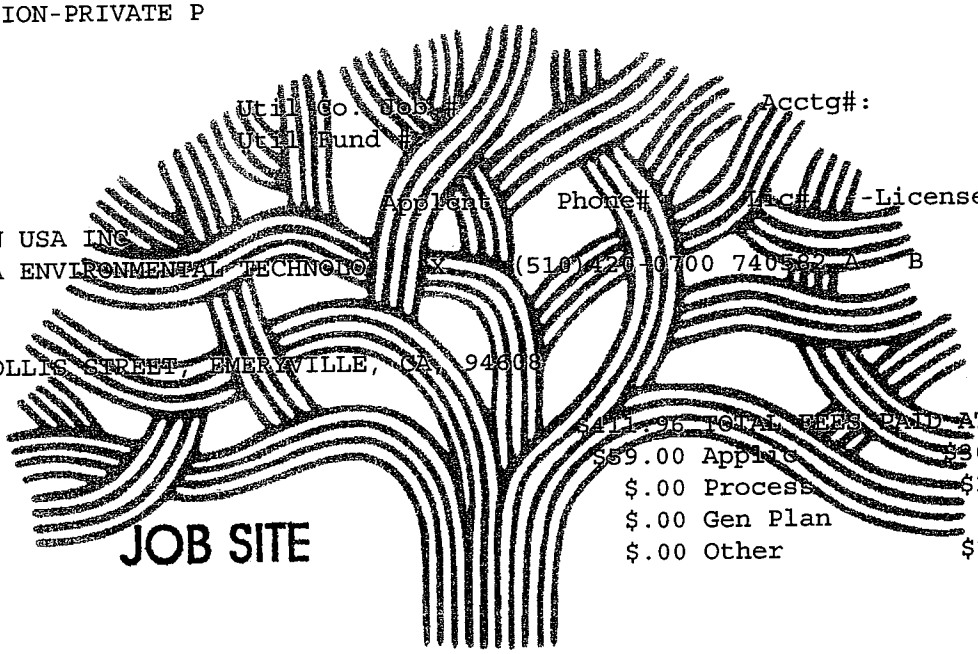
Descr soil boring North of W Macarthur Permit Issued 03/27/06

Work Type EXCAVATION-PRIVATE P

USA # Util Co. Job #
Util Fund #
Acctg#:

Applicant Phone# Lic# --License Classes--

Owner CHEVRON USA INC
Contractor CAMBRIA ENVIRONMENTAL TECHNOLO X (510)420-0700 740582 A B
Arch/Engr
Agent
Applic Addr 5900 HOLLIS STREET, EMERYVILLE, CA 94608



$411.96 TOTAL FEES PAID AT ISSUANCE

$59.00 Applic	$300.00 Permit
$.00 Process	$34.11 Rec Mgmt
$.00 Gen Plan	$.00 Invstg
$.00 Other	$18.85 Tech Enh

RESS:

CITY OF OAKLAND

DIST:

CITY OF OAKLAND
Office of Planning and Building

EXCAVATION PERMIT

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL ENGINEERIN

Permit valid for 90 days from date of issuance.

PERMIT NUMBER	SITE ADDRESS/LOCATION
X 0 6 0 0 3 2 2	* 880 W. MacArthur Blvd.; North of MacArthur Blvd.
APPROX. START DATE: 03/28/06 / APPROX. END DATE: 03/30/06	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number): 510-385-0387
CONTRACTOR'S LICENSE # AND CLASS: 740502 CLASS A	CITY BUSINESS TAX #

ATTENTION:

1- State law requires that the contractor/owner call Underground Service Alert (USA) two working days before excavating. This permit is not valid unless applicant has secured an inquiry identification number issued by USA. The USA telephone number is 1-800-642-2444. Underground Service Alert (USA) # 095301

2- 48 hours prior to starting work, you MUST CALL (510) 238-3651 to schedule an inspection. 095287

3- 48 hours prior to re-paving, a compaction certificate is required (waived for approved slurry backfill).

OWNER/BUILDER

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500):

☐ I, as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

☐ I, as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtenances thereto, (2) the work will be performed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption on this subdivision on more than two structures more than once during any three-year period. (Sec. 7044 Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project, (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License law).

☐ I am exempt under Sec. _____ , B&PC for this reason _____.

WORKER'S COMPENSATION

☐ I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code).

Policy # _____ Company Name _____

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California (not required for work valued at one hundred dollars ($100) or less).

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked. This permit is issued pursuant to all provisions of Title 12 Chapter 12.12 of the Oakland Municipal Code. It is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of the permit agrees to defend, indemnify, save and hold harmless the City, its officers and employees, from and against any and all suits, claims, or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This permit is void 90 days from the date of issuance unless an extension is granted by the Director of the Office of Planning and Building.

I hereby affirm that I am licensed under provisions of Chapter 9 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor), that I have read this permit and agree to its requirements, and that the above information is true and correct under penalty of law.

K _____ 03/27/06

Signature of Permittee ☐ Agent for ☐ Contractor ☐ Owner — Date

DATE STREET LAST RESURFACED	SPECIAL PAVING DETAIL REQUIRED? ☐ YES ☐ NO	HOLIDAY RESTRICTION? (NOV 1 - JAN 1) ☐ YES ☐ NO	LIMITED OPERATION AREA? (7AM-9AM & 4PM-6PM) ☐ YES ☐ NO
ISSUED BY		DATE ISSUED	

CITY OF OAKLAND • Community and Economic Development Agency
250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • FAX (510) 238-2263

Job Site 880 W MACARTHUR BL Parcel# 012 -0959-021-01 Appl# X0600323

Descr soil boring West of Market Permit Issued 03/27/06

Work Type EXCAVATION-PRIVATE P

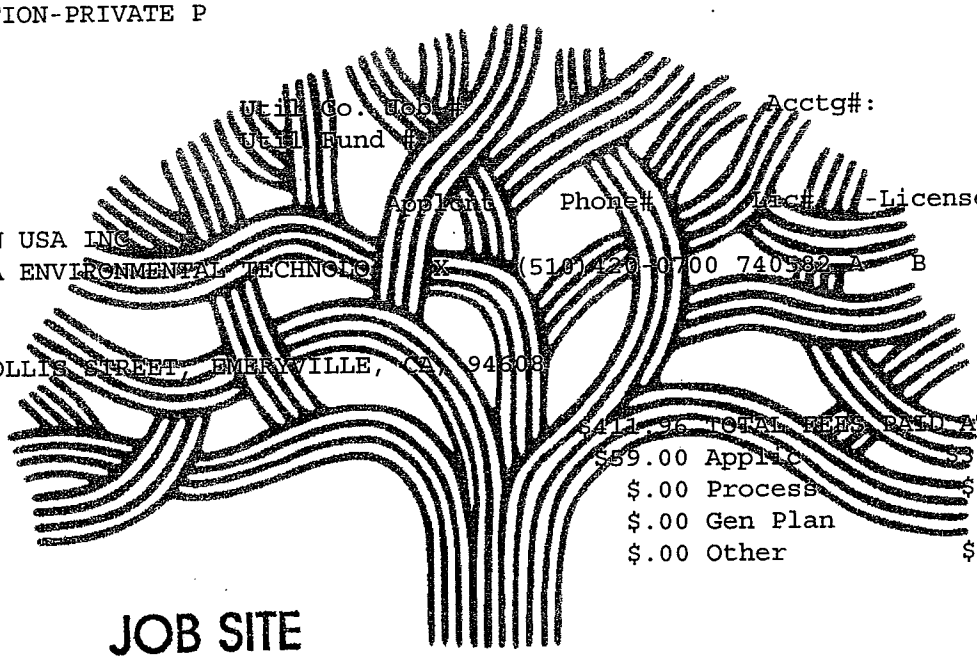
USA # Utility Co. Job # Acctg#:
Utility Fund #

	Applicant	Phone#	Lic#	License Classes
Owner	CHEVRON USA INC			
Contractor	CAMBRIA ENVIRONMENTAL TECHNOLO	X	(510)420-0700	740582 A B
Arch/Engr				
Agent				

Applic Addr 5900 HOLLIS STREET, EMERYVILLE, CA 94608

$411.96 TOTAL FEES PAID AT ISSUANCE

$59.00 Applic	$300.00 Permit
$.00 Process	$34.11 Rec Mgmt
$.00 Gen Plan	$.00 Invstg
$.00 Other	$18.85 Tech Enh



CITY OF OAKLAND

RESS:

DIST:

CITY OF OAKLAND
Office of Planning and Building

EXCAVATION PERMIT

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL ENGINEERIN

Permit valid for 90 days from date of issuance.

PERMIT NUMBER	SITE ADDRESS/LOCATION
X 0 6 0 0 3 2 3	* 880 W. MacArthur Blvd., West of Market St.
APPROX. START DATE: 03/28/06 / APPROX. END DATE: 03/30/06	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number): 510-385-0387
CONTRACTOR'S LICENSE # AND CLASS: 740502 CLASS A	CITY BUSINESS TAX #

ATTENTION:

1- State law requires that the contractor/owner call Underground Service Alert (USA) two working days before excavating. This permit is not valid unless applicant has secured an inquiry identification number issued by USA. The USA telephone number is 1-800-642-2444. Underground Service Alert (USA) # 095301

2- 48 hours prior to starting work, you MUST CALL (510) 238-3651 to schedule an inspection. 095287

3- 48 hours prior to re-paving, a compaction certificate is required (waived for approved slurry backfill).

OWNER/BUILDER

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500):

☐ I, as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

☐ I, as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtenances thereto, (2) the work will be performed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption on this subdivision on more than two structures more than once during any three-year period. (Sec. 7044 Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project, (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License law).

☐ I am exempt under Sec. _____ , B&PC for this reason _____

WORKER'S COMPENSATION

☐ I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code).

Policy # _____ Company Name _____

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California (not required for work valued at one hundred dollars ($100) or less).

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked. This permit is issued pursuant to all provisions of Title 12 Chapter 12.12 of the Oakland Municipal Code. It is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of the permit agrees to defend, indemnify, save and hold harmless the City, its officers and employees, from and against any and all suits, claims, or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This permit is void 90 days from the date of issuance unless an extension is granted by the Director of the Office of Planning and Building.

I hereby affirm that I am licensed under provisions of Chapter 9 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor), that I have read this permit and agree to its requirements, and that the above information is true and correct under penalty of law.

K _____ 03/27/06

Signature of Permittee ☐ Agent for ☐ Contractor ☐ Owner — Date

DATE STREET LAST RESURFACED	SPECIAL PAVING DETAIL REQUIRED? ☐ YES ☐ NO	HOLIDAY RESTRICTION? (NOV 1 - JAN 1) ☐ YES ☐ NO	LIMITED OPERATION AREA? (7AM-9AM & 4PM-6PM) ☐ YES ☐ NO
ISSUED BY		DATE ISSUED	

CITY OF OAKLAND • Community and Economic Development Agency
250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • FAX (510) 238-2263

Job Site 880 W MACARTHUR BL Parcel# 012 -0959-021-01 Appl# X0600324

Descr soil boring South of W Macarthur Permit Issued 03/27/06

Work Type EXCAVATION-PRIVATE P

USA # Util Co. Job #
Util Fund #
Acctg#:

Applicant Phone# Lic# -License Classes--

Owner CHEVRON USA INC
Contractor CAMBRIA ENVIRONMENTAL TECHNOLO X (510)420-0700 740582 A B
Arch/Engr
Agent
Applic Addr 5900 HOLLIS STREET, EMERYVILLE, CA 94608

$411.96 TOTAL FEES PAID AT ISSUANCE

$59.00 Applic	$300.00 Permit
$.00 Process	$34.11 Rec Mgmt
$.00 Gen Plan	$.00 Invstg
$.00 Other	$18.85 Tech Enh

JOB SITE

RESS:

CITY OF OAKLAND

DIST:

CITY OF OAKLAND
Office of Planning and Building

EXCAVATION PERMIT

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL ENGINEERIN

Permit valid for 90 days from date of issuance.

PERMIT NUMBER	SITE ADDRESS/LOCATION
X 0 6 0 0 3 2 4	* 880 W. MacArthur Blvd; South of MacArthur Blvd.
APPROX. START DATE: 03/28/06 / APPROX. END DATE: 03/30/06	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number): 510-305-0387
CONTRACTOR'S LICENSE # AND CLASS: 740502 CLASS A	CITY BUSINESS TAX #

ATTENTION:

1- State law requires that the contractor/owner call Underground Service Alert (USA) two working days before excavating. This permit is not valid unless applicant has secured an inquiry identification number issued by USA. The USA telephone number is 1-800-642-2444. Underground Service Alert (USA) # 095236 / 095287

2- 48 hours prior to starting work, you MUST CALL (510) 238-3651 to schedule an inspection.

3- 48 hours prior to re-paving, a compaction certificate is required (waived for approved slurry backfill).

OWNER/BUILDER

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500):

☐ I, as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

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☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project, (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License law).

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Policy # _____ Company Name _____

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K Cerano — 03/27/06

Signature of Permittee ☐ Agent for ☐ Contractor ☐ Owner — Date

DATE STREET LAST RESURFACED	SPECIAL PAVING DETAIL REQUIRED? ☐ YES ☐ NO	HOLIDAY RESTRICTION? (NOV 1 - JAN 1) ☐ YES ☐ NO	LIMITED OPERATION AREA? (7AM-9AM & 4PM-6PM) ☐ YES ☐ NO
ISSUED BY:		DATE ISSUED: 4	

CITY OF OAKLAND • Community and Economic Development Agency
250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • FAX (510) 238-2263

Job Site 880 W MACARTHUR BL Parcel# 012 -0959-021-01 Appl# OB060259

Block traffic lane per approved TCP for soil borings at Market and W Macarthur. Three parking spaces [no fee] part of Excavation permits

Permit Issued 03/27/06

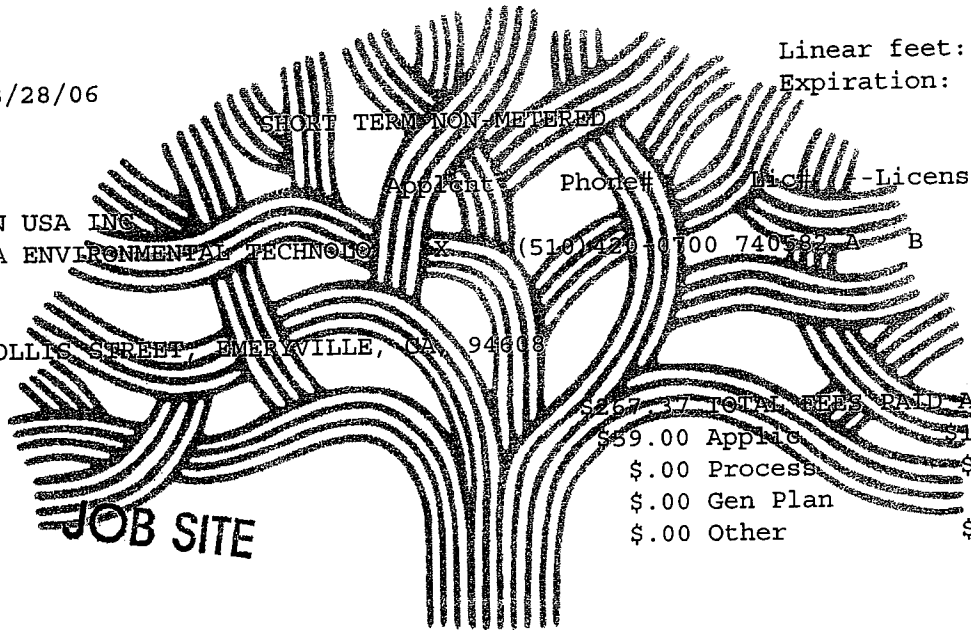
Nbr of days: 3
Effective: 03/28/06

Linear feet: 100
Expiration: 03/30/06

SHORT TERM NON-METERED

Applicant: Phone# Lic#/-License Classes--

Owner CHEVRON USA INC
Contractor CAMBRIA ENVIRONMENTAL TECHNOLO X (510)420-0700 740582 A B
Arch/Engr
Agent
Applic Addr 5900 HOLLIS STREET, EMERYVILLE, CA 94608



$267.37 TOTAL FEES PAID AT ISSUANCE

$59.00 Applic	$174.00 Permit
$.00 Process	$22.14 Rec Mgmt
$.00 Gen Plan	$.00 Invstg
$.00 Other	$12.23 Tech Enh

RESS:

CITY OF OAKLAND

DIST:

TCP needs to be approved by Transportation Services every 30 days or whenever deviated from the previously approved plan.

Applicant: _____ 03/27/06

Issued by: _____ _____

ATTACHMENT C
Laboratory Analytical Results

Lancaster Laboratories
2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax:717-656-2681 • www.lancasterlabs.com

Analysis Report

REVISED

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco C/O Cambria
2000 Opportunity Drive
Suite 110
Roseville CA 95678

916-677-3407

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 984200. Samples arrived at the laboratory on Saturday, April 01, 2006. The PO# for this group is 0015002176 and the release number is MTI.

Client Description			Lancaster Labs Number
SB-2-W-20-060328	Grab	Water	4743003
SB-2-W-31-060328	Grab	Water	4743004
SB-1-W-30-060328	Grab	Water	4743005
SB-1-W-20-060328	Grab	Water	4743006
SB-5-W-28-060329	Grab	Water	4743007
SB-5-W-44-060329	Grab	Water	4743008
SB-8-W-23-060329	Grab	Water	4743009
SB-8-W-33-060329	Grab	Water	4743010
SB-9-W-33-060330	Grab	Water	4743011
SB-9-W-23-060330	Grab	Water	4743012
SB-3-W-16-060330	Grab	Water	4743013
SB-3-W-34-060330	Grab	Water	4743014
SB-6-W-16-060330	Grab	Water	4743015
SB-6-W-30-060330	Grab	Water	4743016

ELECTRONIC COPY TO Cambria Environmental Attn: Jami Shaffer

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax:717-656-2681 • www.lancasterlabs.com

Analysis Report

REVISED

Questions? Contact your Client Services Representative
Angela M Miller at (717) 656-2300

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 4743003

SB-2-W-20-060328 Grab Water
Facility# 92029 MTI# 61H-1974 CETR
890 W MacArthur-Oakland T0600173887 SB-2
Collected:03/28/2006 11:25 by CE

Account Number: 10880

Submitted: 04/01/2006 09:25
Reported: 05/19/2006 at 09:36
Discard: 06/19/2006

ChevronTexaco C/O Cambria
2000 Opportunity Drive
Suite 110
Roseville CA 95678

SB220

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	2,700.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	38.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	34.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	1.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	83.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	170.	0.5	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	04/05/2006 22:40	Martha L Seidel	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/06/2006 19:33	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/05/2006 22:40	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/06/2006 19:33	Dawn M Harle	1

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax:717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 4743004

SB-2-W-31-060328 Grab Water
Facility# 92029 MTI# 61H-1974 CETR
890 W MacArthur-Oakland T0600173887 SB-2
Collected:03/28/2006 12:15 by CE

Account Number: 10880

Submitted: 04/01/2006 09:25
Reported: 05/19/2006 at 09:36
Discard: 06/19/2006

ChevronTexaco C/O Cambria
2000 Opportunity Drive
Suite 110
Roseville CA 95678

SB231

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	970.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	13.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	11.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	1.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	24.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	50.	0.5	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	04/05/2006 23:14	Martha L Seidel	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/06/2006 19:57	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/05/2006 23:14	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/06/2006 19:57	Dawn M Harle	1

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 4743005

SB-1-W-30-060328 Grab Water
Facility# 92029 MTI# 61H-1974 CETR
890 W MacArthur-Oakland T0600173887 SB-1
Collected:03/28/2006 13:15 by CE

Account Number: 10880

Submitted: 04/01/2006 09:25
Reported: 05/19/2006 at 09:36
Discard: 06/19/2006

ChevronTexaco C/O Cambria
2000 Opportunity Drive
Suite 110
Roseville CA 95678

SB130

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	1.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	0.5	0.5	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	04/05/2006 23:47	Martha L Seidel	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/06/2006 20:21	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/05/2006 23:47	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/06/2006 20:21	Dawn M Harle	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4743006

SB-1-W-20-060328 Grab Water
Facility# 92029 MTI# 61H-1974 CETR
890 W MacArthur-Oakland T0600173887 SB-1
Collected:03/28/2006 13:30 by CE

Account Number: 10880

Submitted: 04/01/2006 09:25
Reported: 05/19/2006 at 09:36
Discard: 06/19/2006

ChevronTexaco C/O Cambria
2000 Opportunity Drive
Suite 110
Roseville CA 95678

SB120

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	04/06/2006 00:21	Martha L Seidel	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/06/2006 20:44	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/06/2006 00:21	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/06/2006 20:44	Dawn M Harle	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4743007

SB-5-W-28-060329 Grab Water
Facility# 92029 MTI# 61H-1974 CETR
890 W MacArthur-Oakland T0600173887 SB-5
Collected:03/29/2006 13:00 by CE

Account Number: 10880

Submitted: 04/01/2006 09:25
Reported: 05/19/2006 at 09:36
Discard: 06/19/2006

ChevronTexaco C/O Cambria
2000 Opportunity Drive
Suite 110
Roseville CA 95678

SB528

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	5.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	1.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	1.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	1.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	3.	0.5	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	04/06/2006 00:53	Martha L Seidel	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2006 16:38	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/06/2006 00:53	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/09/2006 16:38	Ginelle L Feister	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4743008

SB-5-W-44-060329 Grab Water
Facility# 92029 MTI# 61H-1974 CETR
890 W MacArthur-Oakland T0600173887 SB-5
Collected:03/29/2006 14:30 by CE

Account Number: 10880

Submitted: 04/01/2006 09:25
Reported: 05/19/2006 at 09:36
Discard: 06/19/2006

ChevronTexaco C/O Cambria
2000 Opportunity Drive
Suite 110
Roseville CA 95678

SB544

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	51.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 4.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	0.8	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	0.8	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	2.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	0.9	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	3.	0.5	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	04/06/2006 01:27	Martha L Seidel	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2006 17:02	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/06/2006 01:27	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/09/2006 17:02	Ginelle L Feister	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4743009

SB-8-W-23-060329 Grab Water
Facility# 92029 MTI# 61H-1974 CETR
890 W MacArthur-Oakland T0600173887 SB-8
Collected:03/29/2006 15:45 by CE

Account Number: 10880

Submitted: 04/01/2006 09:25
Reported: 05/19/2006 at 09:36
Discard: 06/19/2006

ChevronTexaco C/O Cambria
2000 Opportunity Drive
Suite 110
Roseville CA 95678

SB823

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	66.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	7.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	1.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	1.	0.5	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	04/06/2006 15:16	Martha L Seidel	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2006 17:25	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/06/2006 15:16	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/09/2006 17:25	Ginelle L Feister	1

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Analysis Report

REVISED

Lancaster Laboratories Sample No. WW 4743010

SB-8-W-33-060329 Grab Water
Facility# 92029 MTI# 61H-1974 CETR
890 W MacArthur-Oakland T0600173887 SB-8
Collected:03/29/2006 16:10 by CE

Account Number: 10880

Submitted: 04/01/2006 09:25
Reported: 05/19/2006 at 09:36
Discard: 06/19/2006

ChevronTexaco C/O Cambria
2000 Opportunity Drive
Suite 110
Roseville CA 95678

SB833

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	63.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	2.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	0.7	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	0.6	0.5	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	04/06/2006 15:49	Martha L Seidel	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2006 17:49	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/06/2006 15:49	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/09/2006 17:49	Ginelle L Feister	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4743011

SB-9-W-33-060330 Grab Water
Facility# 92029 MTI# 61H-1974 CETR
890 W MacArthur-Oakland T0600173887 SB-9
Collected:03/30/2006 07:30 by CE

Account Number: 10880

Submitted: 04/01/2006 09:25
Reported: 05/19/2006 at 09:36
Discard: 06/19/2006

ChevronTexaco C/O Cambria
2000 Opportunity Drive
Suite 110
Roseville CA 95678

SB933

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	0.6	0.5	ug/l	1
* 05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	0.9	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	04/06/2006 16:22	Martha L Seidel	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2006 18:13	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/06/2006 16:22	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/09/2006 18:13	Ginelle L Feister	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4743012

SB-9-W-23-060330 Grab Water
Facility# 92029 MTI# 61H-1974 CETR
890 W MacArthur-Oakland T0600173887 SB-9
Collected:03/30/2006 07:45 by CE

Account Number: 10880

Submitted: 04/01/2006 09:25
Reported: 05/19/2006 at 09:36
Discard: 06/19/2006

ChevronTexaco C/O Cambria
2000 Opportunity Drive
Suite 110
Roseville CA 95678

SB923

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	210.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	0.6	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	04/06/2006 16:55	Martha L Seidel	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2006 18:37	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/06/2006 16:55	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/09/2006 18:37	Ginelle L Feister	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4743013

SB-3-W-16-060330 Grab Water
Facility# 92029 MTI# 61H-1974 CETR
890 W MacArthur-Oakland T0600173887 SB-3
Collected:03/30/2006 09:50 by CE

Account Number: 10880

Submitted: 04/01/2006 09:25
Reported: 05/19/2006 at 09:36
Discard: 06/19/2006

ChevronTexaco C/O Cambria
2000 Opportunity Drive
Suite 110
Roseville CA 95678

S316-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 4.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	1.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	0.6	0.5	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	04/06/2006 18:08	Martha L Seidel	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2006 19:01	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/06/2006 18:08	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/09/2006 19:01	Ginelle L Feister	1

Lancaster Laboratories

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Analysis Report

REVISED

Lancaster Laboratories Sample No. WW 4743014

SB-3-W-34-060330 Grab Water
Facility# 92029 MTI# 61H-1974 CETR
890 W MacArthur-Oakland T0600173887 SB-3
Collected:03/30/2006 10:30 by CE

Account Number: 10880

Submitted: 04/01/2006 09:25
Reported: 05/19/2006 at 09:36
Discard: 06/19/2006

ChevronTexaco C/O Cambria
2000 Opportunity Drive
Suite 110
Roseville CA 95678

S334-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 4.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	0.6	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	2.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	1.	0.5	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	04/06/2006 18:41	Martha L Seidel	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/10/2006 22:31	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/06/2006 18:41	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/10/2006 22:31	Dawn M Harle	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4743015

SB-6-W-16-060330 Grab Water
Facility# 92029 MTI# 61H-1974 CETR
890 W MacArthur-Oakland T0600173887 SB-6
Collected:03/30/2006 12:30 by CE

Account Number: 10880

Submitted: 04/01/2006 09:25
Reported: 05/19/2006 at 09:36
Discard: 06/19/2006

ChevronTexaco C/O Cambria
2000 Opportunity Drive
Suite 110
Roseville CA 95678

SB616

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	0.7	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	04/06/2006 19:13	Martha L Seidel	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/10/2006 22:55	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/06/2006 19:13	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/10/2006 22:55	Dawn M Harle	1

Lancaster Laboratories

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Analysis Report

REVISED

Lancaster Laboratories Sample No. WW 4743016

SB-6-W-30-060330 Grab Water
Facility# 92029 MTI# 61H-1974 CETR
890 W MacArthur-Oakland T0600173887 SB-6
Collected:03/30/2006 12:50 by CE

Account Number: 10880

Submitted: 04/01/2006 09:25
Reported: 05/19/2006 at 09:36
Discard: 06/19/2006

ChevronTexaco C/O Cambria
2000 Opportunity Drive
Suite 110
Roseville CA 95678

SB630

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 3.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	0.9	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	04/06/2006 19:51	Martha L Seidel	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/10/2006 23:19	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/06/2006 19:51	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/10/2006 23:19	Dawn M Harle	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco C/O Cambria
Reported: 05/19/06 at 09:36 AM

Group Number: 984200

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 06095A56A	Sample number(s): 4743003-4743008							
TPH-GRO - Waters	N.D.	50.	ug/l	110	101	70-130	9	30
Batch number: 06095A56B	Sample number(s): 4743009-4743016							
TPH-GRO - Waters	N.D.	50.	ug/l	110	101	70-130	9	30
Batch number: Z060963AA	Sample number(s): 4743003-4743006							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	95	96	73-119	1	30
di-Isopropyl ether	N.D.	0.5	ug/l	90	92	67-130	2	30
Ethyl t-butyl ether	N.D.	0.5	ug/l	90	92	74-120	2	30
t-Amyl methyl ether	N.D.	0.5	ug/l	90	91	79-113	1	30
t-Butyl alcohol	N.D.	5.	ug/l	84	84	69-127	0	30
Benzene	N.D.	0.5	ug/l	86	88	85-117	2	30
1,2-Dichloroethane	N.D.	0.5	ug/l	113	115	77-132	2	30
Toluene	N.D.	0.5	ug/l	94	95	85-115	1	30
1,2-Dibromoethane	N.D.	0.5	ug/l	92	93	81-114	1	30
Ethylbenzene	N.D.	0.5	ug/l	98	99	82-119	1	30
Xylene (Total)	N.D.	0.5	ug/l	98	99	83-113	1	30
Batch number: Z060974AB	Sample number(s): 4743007-4743013							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	99		73-119		
di-Isopropyl ether	N.D.	0.5	ug/l	88		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	89		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	89		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	71		69-127		
Benzene	N.D.	0.5	ug/l	86		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	111		77-132		
Toluene	N.D.	0.5	ug/l	97		85-115		
1,2-Dibromoethane	N.D.	0.5	ug/l	101		81-114		
Ethylbenzene	N.D.	0.5	ug/l	93		82-119		
Xylene (Total)	N.D.	0.5	ug/l	93		83-113		
Batch number: Z061004AA	Sample number(s): 4743014-4743016							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	99		73-119		
di-Isopropyl ether	N.D.	0.5	ug/l	93		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	94		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	97		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	99		69-127		
Benzene	N.D.	0.5	ug/l	91		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	97		77-132		
Toluene	N.D.	0.5	ug/l	100		85-115		
1,2-Dibromoethane	N.D.	0.5	ug/l	100		81-114		
Ethylbenzene	N.D.	0.5	ug/l	100		82-119		
Xylene (Total)	N.D.	0.5	ug/l	102		83-113		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco C/O Cambria
Group Number: 984200
Reported: 05/19/06 at 09:36 AM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 06095A56A	Sample number(s): 4743003-4743008 UNSPK: P743686								
TPH-GRO - Waters	111		63-154						
Batch number: 06095A56B	Sample number(s): 4743009-4743016 UNSPK: P743686								
TPH-GRO - Waters	111		63-154						
Batch number: Z060963AA	Sample number(s): 4743003-4743006 UNSPK: P739978								
Methyl Tertiary Butyl Ether	99		69-127						
di-Isopropyl ether	96		75-130						
Ethyl t-butyl ether	96		78-119						
t-Amyl methyl ether	94		72-125						
t-Butyl alcohol	79		64-130						
Benzene	95		83-128						
1,2-Dichloroethane	118		70-143						
Toluene	101		83-127						
1,2-Dibromoethane	93		78-120						
Ethylbenzene	100		82-129						
Xylene (Total)	100		82-130						
Batch number: Z060974AB	Sample number(s): 4743007-4743013 UNSPK: P740910								
Methyl Tertiary Butyl Ether	110	110	69-127	0	30				
di-Isopropyl ether	100	99	75-130	1	30				
Ethyl t-butyl ether	97	97	78-119	0	30				
t-Amyl methyl ether	97	96	72-125	1	30				
t-Butyl alcohol	80	79	64-130	2	30				
Benzene	97	96	83-128	1	30				
1,2-Dichloroethane	124	125	70-143	1	30				
Toluene	105	106	83-127	1	30				
1,2-Dibromoethane	108*	108	78-120	0	30				
Ethylbenzene	102	103	82-129	1	30				
Xylene (Total)	100	102	82-130	2	30				
Batch number: Z061004AA	Sample number(s): 4743014-4743016 UNSPK: P743656								
Methyl Tertiary Butyl Ether	105	108	69-127	2	30				
di-Isopropyl ether	101	103	75-130	2	30				
Ethyl t-butyl ether	100	101	78-119	1	30				
t-Amyl methyl ether	102	106	72-125	3	30				
t-Butyl alcohol	92	95	64-130	4	30				
Benzene	101	104	83-128	3	30				
1,2-Dichloroethane	98	102	70-143	3	30				
Toluene	104	105	83-127	1	30				
1,2-Dibromoethane	97	100	78-120	2	30				
Ethylbenzene	103	106	82-129	3	30				
Xylene (Total)	104	107	82-130	3	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco C/O Cambria
Group Number: 984200
Reported: 05/19/06 at 09:36 AM

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 06095A56A

	Trifluorotoluene-F
4743003	123
4743004	120
4743005	116
4743006	114
4743007	113
4743008	116
Blank	114
LCS	115
LCSD	114
MS	114
Limits:	63-135

Analysis Name: TPH-GRO - Waters
Batch number: 06095A56B

	Trifluorotoluene-F
4743009	121
4743010	116
4743011	120
4743012	115
4743013	118
4743014	117
4743015	118
4743016	117
Blank	118
LCS	115
LCSD	114
MS	114
Limits:	63-135

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: Z060963AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4743003	93	82	91	90
4743004	94	83	90	90
4743005	98	85	84	87
4743006	95	84	87	86
Blank	95	85	89	86
LCS	94	82	89	93
LCSD	94	84	90	93
MS	95	84	90	94
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: Z060974AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4743007	93	90	96	82
4743008	95	91	95	83

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco C/O Cambria
Group Number: 984200
Reported: 05/19/06 at 09:36 AM

Surrogate Quality Control

4743009	95	90	98	81
4743010	96	92	99	83
4743011	98	91	97	80
4743012	100	93	95	82
4743013	100	92	97	81
Blank	94	88	94	83
LCS	95	89	98	87
MS	94	91	96	90
MSD	95	91	96	89
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: Z061004AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4743014	88	81	94	83
4743015	88	83	90	82
4743016	91	84	90	81
Blank	88	82	91	85
LCS	86	81	91	88
MS	87	86	91	88
MSD	86	84	90	88
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Chevron California Region Analysis Request/Chain of Custody

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For Lancaster Laboratories use only
Acct. #: 10880 Sample #: 4743003-16 SCR#:

033106-09 MTI

C#984200

Facility #: 9-2029 MTI
Site Address: 890 W. MacArthur Blvd. Oakland
Chevron PM: D. Thurman Lead Consultant: Cambria
Consultant/Office: Cambria - Roseville
Consultant Prj. Mgr.: D. Herzog
Consultant Phone #: 916-677-3407 x112 Fax #: 916-677-3687
Sampler: C Evans
Service Order #: 61H-1974 ☐ Non SAR:

Analyses Requested

Preservation Codes

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE ☐ 8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates ___	Lead 7420 ☐ 7421	
SB-2 @ 20	W	N	16	06 03 28	11:25	Y	X		6	X	X					
SB-2 @ 31	W		27	06 03 28	12:15											
SB-1 @ 30			27	06 03 28	13:15											
SB-1 @ 20			16	06 03 28	13:30											
SB-5 @ 28			28	06 03 29	13:00											
SB-5 @ 44			40	06 03 29	14:30											
SB-8 @ 23			19	06 03 29	15:45											
SB-8 @ 33			29	06 03 29	16:10											
SB-9 @ 33			29	06 03 30	07:30											
SB-9 @ 23			19	06 03 30	07:45											
SB-3 @ 16			16	06 03 30	09:50											
SB-3 @ 34			30	06 03 30	10:30											
SB-																

Comments / Remarks
Analyze samples by method 8260 per D. Herzog.
KM
4/5/06

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I – Full
Type VI (Raw Data) ☐ Coelt Deliverable not needed
WIP (RWQCB)
Disk

	Date	Time		Date	Time
Relinquished by:	03/31/06	11:30	Received by:	3/31	1130
Relinquished by:	3/31	150	Received by:	3/31/06	1350
Relinquished by:	3/31/06	1530	Received by: DHL	3/31/06	
Relinquished by Commercial Carrier: UPS FedEx Other DHL			Received by:	4/1/06	0925
Temperature Upon Receipt 3.3°, 2.1°C° 3.0°			Custody Seals Intact? Yes No		

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: 10880 Sample #: 4743003-16 SCR#:

033106-07 MTI

C#984200

Facility #: 9-2029 MTI
Site Address: 890 W. MacArthur Blvd, Oakland
Chevron PM: D. Thurman Lead Consultant: Cambria
Consultant/Office: Cambria - Roseville
Consultant Prj. Mgr.: D. Herzog
Consultant Phone #: 916-677-3307 x112 Fax #: 916-677-3687
Sampler: C Evans
Service Order #: 101H-1974 ☐ Non SAR:

Analyses Requested

Preservation Codes

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☐ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420 ☐ 7421 ☐
SB-6 @ 16	W	N	16	060330	12:30	Y	X		6	X	X				
SB-6 @ 30	W	N	26	060330	12:50	Y	X		6	X	X				

Comments / Remarks
Analyze samples by method 8260 per D. Herzog.
JM
4/5/06

Turnaround Time Requested (TAT) (please circle)
STD. TAT | 72 hour | 48 hour
24 hour | 4 day | 5 day

Data Package Options (please circle if required)
QC Summary Type I – Full
Type VI (Raw Data) ☐ Coelt Deliverable not needed
WIP (RWQCB)
Disk

	Date	Time		Date	Time
Relinquished by: C Evans	03/31/06	11:30	Received by:	3/31	1130
Relinquished by:	3/31	150	Received by:	3/31/06	1350
Relinquished by:	3/31/06	1530	Received by:	3/31/06	
Relinquished by Commercial Carrier: UPS FedEx Other DHL			Received by:	4/1/06	0925
Temperature Upon Receipt 3.3°, 2.1° C° 3.0°			Custody Seals Intact? Yes No		

3460 Rev. 10/04/0

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

ATTACHMENT D
Standard Operating Procedures

CAMBRIA

STANDARD FIELD PROCEDURES FOR GEOPROBE® SOIL AND GROUNDWATER SAMPLING

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

Objectives

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

Soil Classification/Logging

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

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

Soil Sampling

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

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

Sample Storage, Handling and Transport

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

Field Screening

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

Grab Ground Water Sampling

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

Discrete Depth Soil and Ground Water Sampling

Soil and groundwater samples are collected for lithologic and chemical analysis using a direct driven, dual tube soil coring system. A hydraulic hammer drives sampling rods into he ground to collect continuous soil cores. Two nested sampling rods are driven at the same time: a larger diameter outer rod to act as a temporary drive casing and a smaller inner rod to retrieve soil cores. As the rods are advanced the soil is driven into a sample barrel that is attached to the end of the inner rod. The outer rod ensures that the sample is collected from the desired interval by preventing sloughing of the overlying material. After reaching the desired depth the inner rods are removed from the boring and the sleeves containing the soil sample are removed from the inner sample barrel. Sampling tubes chosen for analysis are trimmed of excess soil and capped with Teflon® tape and plastic end caps. Soil samples are labeled and stored at or below 4°C on either crushed or dry ice, depending upon local regulations. Samples are transported under chain-of-custody to a State-certified analytic laboratory.

When collecting groundwater samples, the sample barrel and inner rods are removed from the boring once the targeted water bearing zone has been reached. The drive casing is pulled up from 0.5 to 5 feet to allow groundwater to enter the borehole. Small diameter well casing and screen is then installed in the borehole to facilitate sample collection. The drive casing is then pulled up sufficiently to expose the desired length of screen and samples are collected using a bailer, peristaltic, bladder or inertial pump. The ground water samples are decanted into the appropriate containers supplied by the analytic laboratory. Samples are labeled, placed in protective foam sleeves, stored on crushed ice at or below 4° C, and transported under chain-of-custody to the laboratory.

Duplicates and Blanks

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

Grouting

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

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