



**CONESTOGA-ROVERS
& ASSOCIATES**

RECEIVED

1:24 pm, Apr 18, 2007

Alameda County
Environmental Health

5900 Hollis Street, Suite A, Emeryville, California 94608
Telephone: 510-420-0700 Facsimile: 510-420-9170
www.CRAworld.com

April 17, 2007

Mr. Barney Chan
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Oakland, California

Re: Down-gradient Hydrocarbon Plume Investigation Report

Chevron Service Station #9-0290
1802 Webster Street, Alameda, California

Dear Mr. Chan:

Conestoga-Rovers & Associates (CRA) is submitting this investigation report on behalf of the Chevron Environmental Management Company (Chevron). CRA acquired Cambria Environmental Technology, Inc. (Cambria) on April 2, 2007. All of the work described in this report was performed by Cambria and is referenced as such. The objective of this investigation was to define the current extent of the hydrocarbon and methyl tertiary butyl ether (MTBE) plume in association with the Chevron service station.

SITE DESCRIPTION

The site is located at the northeast corner of Webster Street and Buena Vista Avenue in Alameda, California and is approximately 11 feet above mean sea level. A Union 76 service station (formerly BP) is located up-gradient, across Buena Vista Avenue to the south. The area is mixed commercial and residential land use.

Chevron purchased the original station property in 1925 and operated a service station on it from the late 1940s. In 1964, Chevron purchased two additional parcels and leased the final two parcels in 1969. On the five cumulative parcels, Chevron remodelled the service station to its current configuration in 1969. At present, the Chevron facilities include four gasoline underground storage tanks (USTs), one used-oil UST, a station building and four dispenser islands under a common canopy (Figure 2).

SITE CONDITIONS

Site Lithology: The site is primarily underlain by moderately permeable sands and silty sands to the total depth explored of 20 feet below grade (fbg).

Groundwater: Quarterly monitoring has been conducted at the site since 1991. Groundwater depth across the site has varied seasonally between 3 and 7 feet below grade (fbg) and flows to the north.

Equal
Employment
Opportunity Employer



INVESTIGATION PROCEDURES

In December 2005, four borings were advanced to investigate the down-gradient extent of the petroleum hydrocarbon and fuel oxygenate plume. SB-15 and SB-16 were advanced on the northern edge of the Jack-In-The-Box property, located adjacent to and north of the site (Figure 2). SB-17 and SB-18 were advanced northwest of the site, located in the sidewalk on the west side of Webster Street.

Several high voltage electrical lines running beneath the sidewalk along the east side of Webster Street prevented installation of borings SB-13 and SB-14. SB-13 and 14 were originally proposed to investigate preferential pathways via utility conduits. As an alternative, a grab water sample was collected at approximately 3 fbg from the bottom of a nearby electrical utility vault (Figure 2). The vault lid appeared to have a rubber seal in good condition around the steel plate covering it, yet still contained approximately 3 inches of water at the bottom. The unlined bottom of the utility vault was comprised of native soil, resembling soils encountered in the borings at roughly the same depth. Additionally, groundwater was encountered between 3 and 3.5 fbg in borings SB-15 and SB-16. Therefore, it is presumed that water contained in the trench represented groundwater, and not an accumulation of infiltrated surface water. Sample locations are shown on Figure 2.

Prefield Activities: Cambria contacted Underground Service Alert to clear all proposed boring locations and prepared a site specific health and safety plan to protect site workers that was signed daily by all onsite personnel and visitors. Cambria obtained a boring permit from the Alameda County Department of Public Works (ACDPW) and an encroachment permit from the City of Alameda (Attachment A).

Soil Sampling: Soil boring locations were cleared utilizing a vacuum truck and/or hand auger to approximately 8 fbg prior to drilling. After clearing to 8 fbg, borings were advanced using a direct push drill rig. One disturbed soil sample was collected at 5 fbg and submitted for laboratory analysis. Borings were logged continuously from 8 fbg to their total depths. Samples were screened using a photo-ionization detector (PID). A qualified geologist logged the subsurface lithology using the Unified Soil Classification System (USCS). Boring logs are presented as Attachment B. Soil samples were collected approximately every four feet or where staining or odor was observed and were submitted for analysis. Laboratory reports are included as Attachment C.

Grab Groundwater Sampling: Grab groundwater samples were collected at first encountered groundwater by inserting a 3/4-inch PVC screen into the open boring and extracting water with a small diameter stainless steel bailer. The bailer was decontaminated with Liquinox and rinse water between samples.

ANALYTIC RESULTS

Chemical Analysis: Selected soil and grab groundwater samples were analyzed for:



- Total Petroleum Hydrocarbons as diesel (TPHd) and gasoline (TPHg) by modified EPA Method 8015M and
- BTEX and fuel oxygenates, including MTBE, by EPA Method 8260B.

Soil Samples: A total of sixteen soil samples were collected and submitted for analysis. TPHd was not detected in any sample above laboratory reporting limits of 10 milligrams per kilogram (mg/kg). TPHg was detected in one soil sample above method reporting limits at 6.3 milligrams per kilogram (mg/kg) in boring SB-18 at 6 fbg. No BTEX or MTBE were detected in soil.

Grab Groundwater Samples: Five grab groundwater samples were collected and submitted for analysis. TPHg was detected in two samples: 62 micrograms per liter ($\mu\text{g/L}$) in SB-18 and 1,400 $\mu\text{g/L}$ in SB-17. TPHd was detected in three grab groundwater samples with concentrations ranging between 730 $\mu\text{g/L}$ in SB-15 and 5,400 $\mu\text{g/L}$ in SB-17. No BTEX or MTBE were detected in groundwater. The water sample collected from the utility vault contained 320 $\mu\text{g/L}$ TPHd, but did not contain other constituents above method reporting limits.

Quarterly Groundwater Sampling: A quarterly groundwater sampling event was completed in November of 2006. Downgradient monitor well B-14, located on the Jack-in-the-Box property north of the site, contained 1,400 $\mu\text{g/L}$ TPHd and 84 $\mu\text{g/L}$ MTBE, but no TPHg or BTEX.

CONCLUSIONS AND RECOMMENDATIONS

No MTBE was detected in soil or grab groundwater samples collected during this investigation. The highest concentrations of petroleum hydrocarbons detected in the subsurface were detected across Webster Street in front of the tire and automotive repair shop. These detections lacked both MTBE and BTEX constituents that would likely be present if these hydrocarbons originated from a release at the Chevron service station. Therefore, it is unlikely that these detections of petroleum hydrocarbons are related to a release from the subject Chevron site.

Low concentrations of TPHd were encountered in the water sample collected from the utility vault. This sample did not contain TPHg, BTEX or MTBE which would be expected from a possible release from the subject site. Therefore, it is unlikely that groundwater is migrating via a preferential pathway through the electrical utility conduit.

The hydrocarbon plume associated with the Chevron service station appears to be defined and stable.



**CONESTOGA-ROVERS
& ASSOCIATES**

Mr. Barney Chan
April 17, 2007

CLOSING

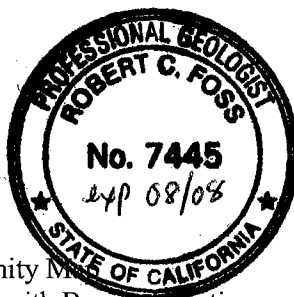
We appreciate this opportunity to work with you on this project. Please contact Charlotte Evans at 510-420-3351 if you have any questions or comments.

Sincerely,

Cambria Environmental Technology, Inc.

Charlotte Evans

Robert Foss, P.G. #7445



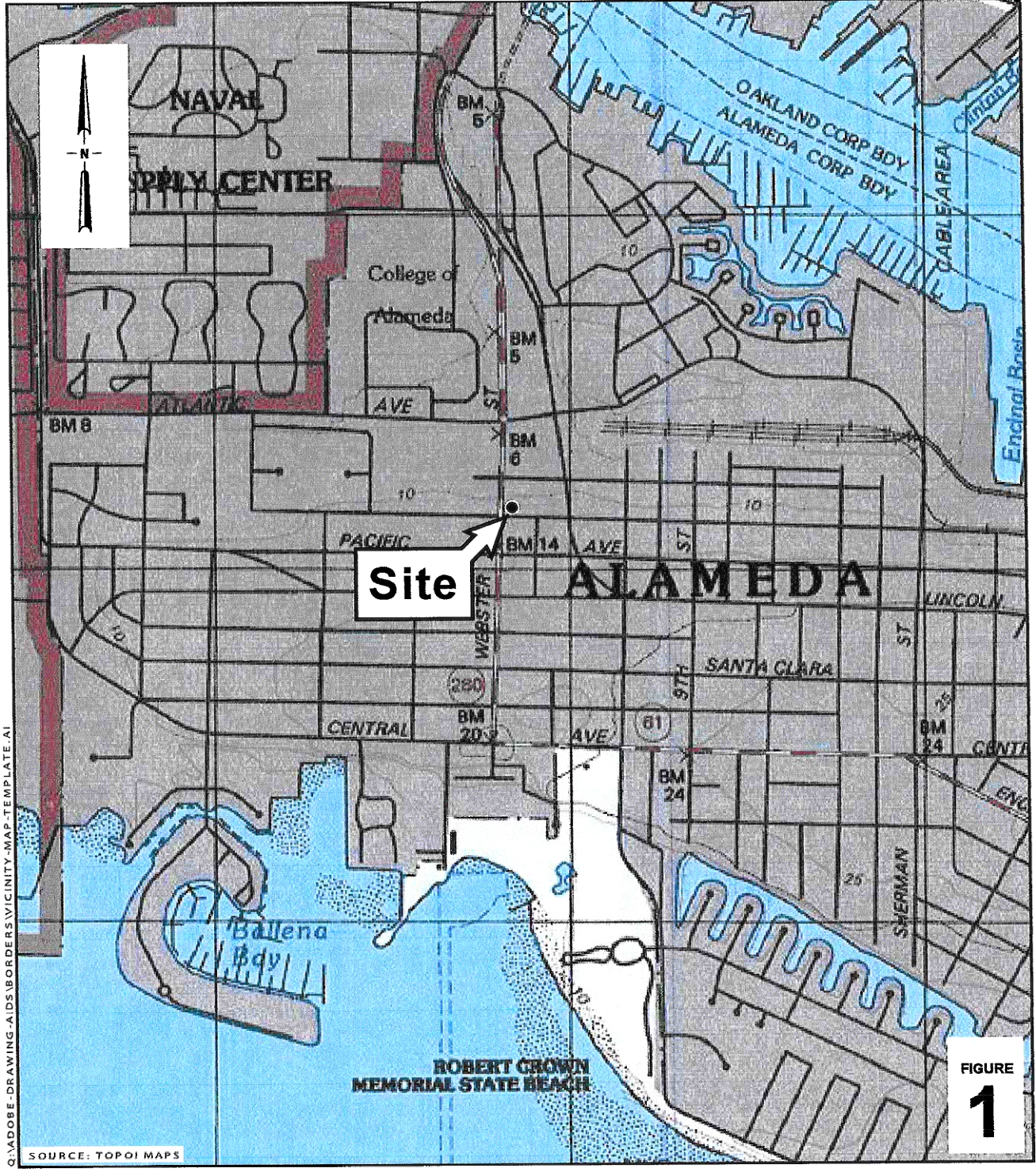
Figures: 1 – Site Vicinity Map
2 – Site Plan with Boring Locations

Tables: 1 – Soil Analytic Data
2 – Grab Groundwater Analytic Data

Attachments: A – Permits
B – Boring Logs
C – Analytic Data

cc: Mr. Satya Sinha, Chevron, 6001 Bollinger Canyon Road, San Ramon, CA 94583
(STRATA)
Mr. Cliff Maderia, Chevron Service Station Operator, 1802 Webster Street,
Alameda, CA

I:\9-0290 Alameda\Offsite Inv\9-0290 Offsite Inv Rpt 02.07.doc



Chevron Service Station 9-0290



Vicinity Map

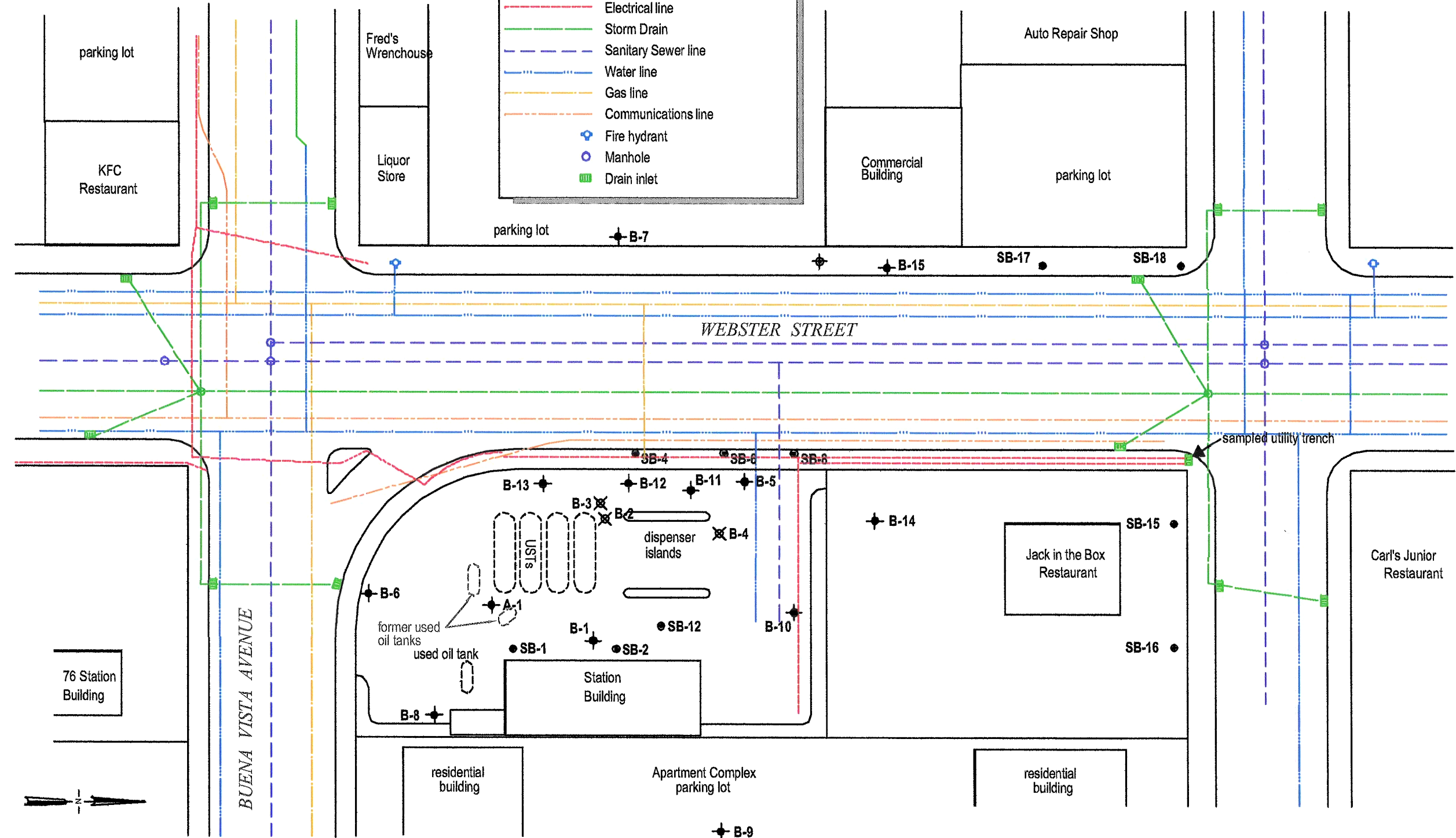
1802 Webster Street

Alameda, California 94501-2138

C A M B R I A

EXPLANATION

- SB-13 ● Soil boring location (Cambria 2005)
- B-1 ◆ Monitoring well location
- SB-12 ● Soil boring location
- B-4 ✕ Abandoned well location
- Electrical line
- Storm Drain
- Sanitary Sewer line
- Water line
- Gas line
- Communications line
- ⊕ Fire hydrant
- ⊙ Manhole
- Drain inlet



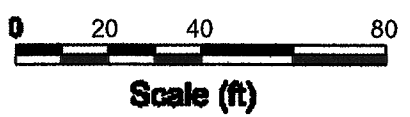
Site Plan



Chevron Service Station 9-0290

1802 Webster Street
Alameda, California

FIGURE
2



Basemap modified from drawing provided by Gettler Ryan Inc.

18-0290-ALAMEDA\FIGURES\9-0290_EXP-STEP\PLAN.DWG

Table 1 - Soil Analytical Results Chevron Station, 9-0290, 1802 Webster Street, Alameda, California

Sample ID	Sample Date	Sample Depth (ft)	TPHg	TPHd	Concentrations in mg/kg					MTBE
					Benzene	Ethylbenzene	Toluene	Xylenes		
SB-15	12/19/2005	5.0	<1.0	<10	<.0005	<.001	<.001	<.001	<.001	<.0005
SB-15	12/19/2005	11.5	<1.0	<10	<.0005	<.001	<.001	<.001	<.001	<.0005
SB-15	12/19/2005	19.5	<1.0	<10	<.0005	<.001	<.001	<.001	<.001	<.0005
SB-16	12/19/2005	5.0	<1.0	<10	<.0005	<.001	<.001	<.001	<.001	<.0005
SB-16	12/19/2005	11.5	<1.0	<10	<.0005	<.001	<.001	<.001	<.001	<.0005
SB-16	12/19/2005	15.5	<1.0	<10	<.0005	<.001	<.001	<.001	<.001	<.0005
SB-16	12/19/2005	19.5	<1.0	<10	<.0005	<.001	<.001	<.001	<.001	<.0005
SB-17	12/19/2005	4.0	<1.0	<10	<.0005	<.001	<.001	<.001	<.001	<.0005
SB-17	12/19/2005	5.0	<1.0	<10	<.0005	<.001	<.001	<.001	<.001	<.0005
SB-17	12/19/2005	11.5	<1.0	<10	<.0005	<.001	<.001	<.001	<.001	<.0005
SB-17	12/19/2005	15.5	<1.0	<10	<.0005	<.001	<.001	<.001	<.001	<.0005
SB-17	12/19/2005	19.5	<1.0	<10	<.0005	<.001	<.001	<.001	<.001	<.0005
SB-18	12/19/2005	6.0	6.3	<10	<.0005	<.001	<.001	<.001	<.001	<.0005
SB-18	12/19/2005	11.5	<1.0	<10	<.0005	<.001	<.001	<.001	<.001	<.0005
SB-18	12/19/2005	15.5	<1.0	<10	<.0005	<.001	<.001	<.001	<.001	<.0005
SB-18	12/19/2005	19.5	<1.0	<10	<.0005	<.001	<.001	<.001	<.001	<.0005

Abbreviations and Notes:

mg/kg = milligrams per kilograms

TPHg = Total Petroleum Hydrocarbons as gasoline by EPA Method 8015B. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.

TPHd = Total Petroleum Hydrocarbons as diesel by EPA Method 8015B mod

MTBE = Methyl tert butyl ether

<n = Not detected above laboratory reporting limit

Bold concentrations indicate concentration detected above laboratory reporting limits.

Table 2 - Groundwater Analytical Results Chevron Station, 9-0290, 1802 Webster Street, Alameda, California

Sample ID	Sample Date	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
		←-----Concentrations in ug/L-----→						
SB-15	12/19/2005	<50	730	<0.5	<0.5	<0.5	<0.5	<0.5
SB-16	12/19/2005	<50	<290	<0.5	<0.5	<0.5	<0.5	<0.5
SB-17	12/19/2005	1,400	5,400	<0.5	<0.5	<0.5	<0.5	<0.5
SB-18	12/19/2005	62	3,200	<0.5	<0.5	<0.5	<0.5	<0.5
Utility Trench*	12/19/2005	<50	320	<0.5	<0.5	<0.5	<0.5	<0.5

Abbreviations and Notes:

TPHg = Total Petroleum Hydrocarbons as gasoline by EPA Method 8015B.

TPHd = Total Petroleum Hydrocarbons as diesel by EPA Method 8015B mod. The observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO Range later than #2 fuel and contains individual peaks eluting in the DRO range.

MTBE = Methyl tert butyl ether

Bold concentrations indicate concentration detected above laboratory reporting limits.

<n = Not detected above laboratory reporting limit

ug/L = micrograms per liter

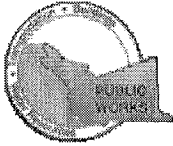


**CONESTOGA-ROVERS
& ASSOCIATES**

ATTACHMENT A

Permits

Alameda County Public Works Agency - Water Resources Well Permit



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

Application Approved on: 08/15/2005 By jamesy
Permits Issued: W2005-0803

Receipt Number: WR2005-2052
Permits Valid from 09/26/2005 to 12/19/2005

Application Id: 1123601788492
Site Location: 1802 Webster Street, Alameda, California
Chevron Service Station 9-0290

City of Project Site:Alameda

Project Start Date: ACEHS site number R0195
09/26/2005

Completion Date:12/19/2005

Applicant: Cambria Environemtal Technolgies Inc. - Laura
Genin
5900 Hollis Street, Suite A, Emeryville, CA 94608

Phone: 510-420-3367

Property Owner: Chevron Chevron
6001 Bollinger Canyon Road, San Ramon, CA 94583

Phone: 925-842-1589

Client: ** same as Property Owner **
Contact: Laura Genin

Phone: 510-420-3367
Cell: 510-385-0839

Total Due: \$200.00
Total Amount Paid: \$200.00
Paid By: CHECK **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitorinig Study - 6 Boreholes
Driller: Gregg Drilling and Testing - Lic #: 485165 - Method: DP

Work Total: \$200.00

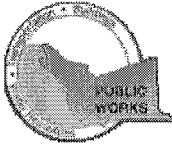
Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2005-0803	08/15/2005	12/25/2005	6	4.00 in.	20.00 ft

Specific Work Permit Conditions

- 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.
- 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.
- Applicant shall contact Johnson Tang for a inspection time at 510-670-6450 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.

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: 08/15/2005 By jamesy
Permits Issued: W2005-0803

Receipt Number: WR2005-2052
Permits Valid from 09/26/2005 to 09/27/2005

Application Id: 1123601788492
Site Location: 1802 Webster Street, Alameda, California
Chevron Service Station 9-0290

City of Project Site: Alameda

Project Start Date: ACEHS site number R0195
09/26/2005

Completion Date: 09/27/2005

Applicant: Cambria Environmental Technologies Inc. - Laura

Phone: 510-420-3367

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

Property Owner:

Chevron Chevron
6001 Bollinger Canyon Road, San Ramon, CA 94583

Phone: 925-842-1589

Client: ** same as Property Owner **

Contact: Laura Genin

Phone: 510-420-3367
Cell: 510-385-0839

Total Due: \$200.00
Total Amount Paid: \$200.00
Paid By: CHECK PAID IN FULL

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitoring Study - 6 Boreholes

Driller: Gregg Drilling and Testing - Lic #: 485165 - Method: DP

Work Total: \$200.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2005-0803	08/15/2005	12/25/2005	6	4.00 in.	20.00 ft

Specific Work Permit Conditions

1. 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.
2. 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.
3. Applicant shall contact Johnson Tang for a inspection time at 510-670-6450 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.



**CONESTOGA-ROVERS
& ASSOCIATES**

ATTACHMENT B

Boring Logs



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

BORING/WELL LOG

CLIENT NAME	Chevron Products Company	BORING/WELL NAME	SB-15
JOB/SITE NAME	9-0290	DRILLING STARTED	19-Dec-05
LOCATION	1802 Webster Street, Alameda	DRILLING COMPLETED	19-Dec-05
PROJECT NUMBER	31H-1594	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	0 ft above msl
DRILLING METHOD	DIRECT PUSH	SCREENED INTERVALS	NA
BORING DIAMETER	2"	DEPTH TO WATER (First Encountered)	3.5 fbg (19-Dec-05)
LOGGED BY	C. Evans	DEPTH TO WATER (Static)	NA
REVIEWED BY	L. Genin		

REMARKS

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							<u>Topsoil, Grass</u>		
				2.0				2.0	
				3.5			<u>Sand</u> : Dark Brown. 100% fine grained sand. Loose, wet at 3.5', high estimated permeability.		
0		SB-15 @5-S		5	SP				
				7.0				7.0	
				9.0	SM		<u>Silty Sand</u> : Dark Red and Tan. 30% silt, 70% fine grained sand. Loose, wet, high estimated permeability.		
				10			<u>Sandy Silt/Silty Sand</u> : Brown. 50% silt, 50% sand. Stiff, damp, low to moderate estimated permeability.		
0		SB-15 @11.5-S		11.5					
				13.0	SM		<u>Silty Sand</u> : Brown. 20% silt, 80% fine grained sand. Loose, wet, high estimated permeability.		
				14.0			<u>Sandy Silt/Silty Sand</u> : Brown. 50% silt, 50% sand. Stiff, wet, moderate estimated permeability.		
				15					
				16.0	SM		<u>Silty Sand</u> : Brown. 20% silt, 80% fine grained sand. Loose, wet, high estimated permeability.		
				18.0			<u>Sandy Silt/Silty Sand</u> : Brown. 50% silt, 50% sand. Stiff, wet, moderate estimated permeability.		
0		SB-15 -19.5-S		19.5					
				20				20.0	
									Bottom of Boring @ 20 fbg

WELL LOG (PID) I:\CHEVRON\9-0290 ALAMEDA\OFFSITE INV 2005\GINT.GPJ DEFAULT.GDT 4/18/07



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

BORING/WELL LOG

CLIENT NAME	Chevron Products Company	BORING/WELL NAME	SB-16
JOB/SITE NAME	9-0290	DRILLING STARTED	19-Dec-05
LOCATION	1802 Webster Street, Alameda	DRILLING COMPLETED	19-Dec-05
PROJECT NUMBER	31H-1594	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	0 ft above msl
DRILLING METHOD	DIRECT PUSH	SCREENED INTERVALS	NA
BORING DIAMETER	2"	DEPTH TO WATER (First Encountered)	4.0 fbg (19-Dec-05)
LOGGED BY	C. Evans	DEPTH TO WATER (Static)	NA
REVIEWED BY	L. Genin		

REMARKS

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
						<u>Topsoil, Grass</u>		
						<u>Sand</u> : Dark Brown. 100% fine grained sand. Loose, wet at 4.0', high estimated permeability.	2.0	
0		SB-15 @5	5	SP				
						<u>Silty Sand</u> : Dark Red and Tan. 30% silt, 70% fine grained sand. Loose, wet, high estimated permeability.	7.0	
						<u>Sandy Silt/Silty Sand</u> : Brown. 50% silt, 50% sand. Stiff, damp, low to moderate estimated permeability.	9.0	
0		SB-15 @11.5	11.5			<u>Silty Sand</u> : Brown. 20% silt, 80% fine grained sand. Loose, wet, high estimated permeability.	13.0	
						<u>Sandy Silt/Silty Sand</u> : Brown. 50% silt, 50% sand. Stiff, wet, moderate estimated permeability.	14.0	
0		SB-15 @15.5	15.5			<u>Silty Sand</u> : Brown. 20% silt, 80% fine grained sand. Loose, wet, high estimated permeability.	16.0	
						<u>Sandy Silt/Silty Sand</u> : Brown. 50% silt, 50% sand. Stiff, wet, moderate estimated permeability.	18.0	
0		SB-15 @19.5	19.5			<u>Sandy Silt/Silty Sand</u> : Brown. 50% silt, 50% sand. Stiff, wet, moderate estimated permeability.	20.0	
								Bottom of Boring @ 20 fbg

WELL LOG (PID) I:\CHEVRON\9-0290 ALAMEDA\OFFSITE INV 2005\GINT.GPJ DEFAULT.GDT 4/18/07



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

BORING/WELL LOG

CLIENT NAME	Chevron Products Company	BORING/WELL NAME	SB-17
JOB/SITE NAME	9-0290	DRILLING STARTED	19-Dec-05
LOCATION	1802 Webster Street, Alameda	DRILLING COMPLETED	19-Dec-05
PROJECT NUMBER	31H-1594	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	0 ft above msl
DRILLING METHOD	DIRECT PUSH	SCREENED INTERVALS	NA
BORING DIAMETER	2"	DEPTH TO WATER (First Encountered)	3.5 fbg (19-Dec-05)
LOGGED BY	L. Genin	DEPTH TO WATER (Static)	NA
REVIEWED BY	C. Evans		

REMARKS

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
						6-Inches Concrete	0.5	
0		SB-17 @4		SM		Silty Sand : Dark Brown. 45% silt, 55% sand. Loose, wet, fine grained sand, poorly graded, high estimated permeability, no odor or staining.		
0		SB-17 @5	5			Change in color to Dark Gray. Organic odor.	6.0	
				CL		Sandy Clay : Dark Gray. 25% silt, 35% sand, 40% clay. Soft, wet, high plasticity, medium estimated permeability, organic odor.	8.5	
0		SB-17 @11.5		SM		Silty Sand : Orange Brown. 45% silt, 55% sand. Loose, wet, fine grained, high estimated permeability, no staining or odor.		
0		SB-17 @15.5				Change in color to Dark Gray Blue. No odor or staining.		
0		SB-17 @19.5				Super saturated. Dark Gray. 25% silt, 75% sand.	20.0	
								Bottom of Boring @ 20 fbg

WELL LOG (PID) \\CHEVRON\9-0290-ALAMEDA\OFFSITE INV 2005\GINT.GPJ DEFAULT.GDT 4/18/07



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

BORING/WELL LOG

CLIENT NAME	Chevron Products Company	BORING/WELL NAME	SB-18
JOB/SITE NAME	9-0290	DRILLING STARTED	19-Dec-05
LOCATION	1802 Webster Street, Alameda	DRILLING COMPLETED	19-Dec-05
PROJECT NUMBER	31H-1594	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	0 ft above msl
DRILLING METHOD	DIRECT PUSH	SCREENED INTERVALS	NA
BORING DIAMETER	2"	DEPTH TO WATER (First Encountered)	4.0 fbg (19-Dec-05) ▽
LOGGED BY	L. Genin	DEPTH TO WATER (Static)	NA ▼
REVIEWED BY	B. Busch		

REMARKS

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
			0.4			4-Inches of Concrete	0.4	
			5.0	SM		Silty Sand: Dark Brown. 45% silt, 55% sand. loose, moist, fine grained, high estimated permeability.	▽	
			5.0			Change in color to Blue Gray with rainbow product.		
			6.0	SP		Poorly Graded Sand: Light Olive Green. 100% sand. Loose, wet, petroleum odor, fine grained sand, high estimated permeability.	6.0	
0		SB-18 @6	6.0	CL		Sandy Silty Clay: Light Orange Brown. 25% silt, 35% sand, 55% clay. Stiff, moist, medium plasticity, low to moderate permeability, slight odor possibly from groundwater.	9.0	
			9.0			Silty Sand: Orange Brown. 45% silt, 55% sand. Loose, wet, fine grained, high estimated permeability, no staining or odor.		
0		SB-18 @11.5	11.5					
			15.0	SM		Change in color to Dark Gray Blue. No odor or staining		
0		SB-18 @15.5	15.5			Super Saturated. Dark Gray. 25% silt, 75% sand.		
			20.0				20.0	
0		SB-18 @19.5	19.5					
								Bottom of Boring @ 20 fbg

WELL LOG (PID) [I:\CHEVRON\9-0290 ALAMEDA\OFFSITE INV 2005\GINT.GPJ DEFAULT.GDT 4/18/07



**CONESTOGA-ROVERS
& ASSOCIATES**

ATTACHMENT C

Analytic Data



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

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 971764. Samples arrived at the laboratory on Tuesday, December 20, 2005. The PO# for this group is 99011184 and the release number is INGLIS.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
SB-16-S-5-051219	NA	Soil	4674425
SB-15-S-5-051219	NA	Soil	4674426
SB-17-S-4-051219	NA	Soil	4674427
SB-17-S-5-051219	NA	Soil	4674428
SB-18-S-6-051219	NA	Soil	4674429
SB-16-S-11.5-051219	NA	Soil	4674430
SB-16-S-15.5-051219	NA	Soil	4674431
SB-16-S-19.5-051219	NA	Soil	4674432
SB-15-S-11.5-051219	NA	Soil	4674433
SB-15-S-19.5-051219	NA	Soil	4674434
SB-18-S-11.5-051219	NA	Soil	4674435
SB-18-S-15.5-051219	NA	Soil	4674436
SB-18-S-19.5-051219	NA	Soil	4674437
SB-17-S-11.5-051219	Grab	Soil	4674438
SB-17-S-15.5-051219	Grab	Soil	4674439
SB-17-S-19.5-051219	Grab	Soil	4674440
SB-16-W-051219	Grab	Water	4674441
Utility Trench-W-051219	Grab	Water	4674442
SB-15-W-051219	Grab	Water	4674443
SB-18-W-051219	Grab	Water	4674444
SB-17-W-051219	Grab	Water	4674445



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-658-2681 • www.lancasterlabs.com

1 COPY TO ChevronTexaco

Attn: Laura Genin

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

Respectfully Submitted,

A handwritten signature in cursive script that reads "Max E. Snavelly".

Max E. Snavelly
Senior Specialist



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. SW 4674425

SB-16-S-5-051219 NA Soil
 Facility# 90290 CETR
 1802 Webster-Alameda T0600100307 SB-16
 Collected: 12/19/2005 08:05 by LG

Account Number: 10880

Submitted: 12/20/2005 10:20
 Reported: 01/04/2006 at 16:55
 Discard: 02/04/2006

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

90161

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01725	TPH-GRO - Soils	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. 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.						
02201	TPH-DRO CALUFT(Soils) w/Si Gel	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01725	TPH-GRO - Soils	N. CA LUFT GRO	1	12/21/2005 09:45	Linda C Pape	25
02201	TPH-DRO CALUFT(Soils) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	2	12/22/2005 18:27	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	12/22/2005 03:10	Emiley A King	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	12/21/2005 21:18	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	12/20/2005 22:10	Eric L Vera	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	12/21/2005 14:00	Jason A Heisey	1



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. SW 4674426

SB-15-S-5-051219 NA Soil
 Facility# 90290 CETR
 1802 Webster-Alameda T0600100307 SB-15
 Collected: 12/19/2005 08:22 by LG Account Number: 10880

Submitted: 12/20/2005 10:20 ChevronTexaco
 Reported: 01/04/2006 at 16:55 6001 Bollinger Canyon Rd L4310
 Discard: 02/04/2006 San Ramon CA 94583

90151

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01725	TPH-GRO - Soils	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. 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.						
02201	TPH-DRO CALUFT(Soils) w/Si Gel	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01725	TPH-GRO - Soils	N. CA LUFT GRO	1	12/21/2005 15:35	Linda C Pape	25
02201	TPH-DRO CALUFT(Soils) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	1	12/22/2005 20:15	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	12/22/2005 03:32	Emiley A King	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	12/21/2005 21:19	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	12/20/2005 14:55	Eric L Vera	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	12/21/2005 14:00	Jason A Heisey	1



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. SW 4674427

SB-17-S-4-051219 NA Soil
 Facility# 90290 CETR
 1802 Webster-Alameda T0600100307 SB-17
 Collected: 12/19/2005 08:45 by LG Account Number: 10880

Submitted: 12/20/2005 10:20
 Reported: 01/04/2006 at 16:55
 Discard: 02/04/2006
 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

90171

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01725	TPH-GRO - Soils	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. 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.						
02201	TPH-DRO CALUFT(Soils) w/Si Gel	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01725	TPH-GRO - Soils	N. CA LUFT GRO	1	12/21/2005 05:06	Linda C Pape	25
02201	TPH-DRO CALUFT(Soils) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	1	12/22/2005 21:20	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	12/22/2005 03:55	Emiley A King	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	12/21/2005 21:20	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	12/20/2005 15:41	Eric L Vera	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	12/21/2005 14:00	Jason A Heisey	1



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. SW 4674428

SB-17-S-5-051219 NA Soil
 Facility# 90290 CETR
 1802 Webster-Alameda T0600100307 SB-17
 Collected: 12/19/2005 08:50 by LG Account Number: 10880

Submitted: 12/20/2005 10:20
 Reported: 01/04/2006 at 16:55
 Discard: 02/04/2006
 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

90172

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01725	TPH-GRO - Soils	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. 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.						
02201	TPH-DRO CALUFT(Soils) w/Si Gel	n.a.	N.D.	10.	mg/kg	1
06955	Lead	7439-92-1	2.36	0.750	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01725	TPH-GRO - Soils	N. CA LUFT GRO	1	12/21/2005 03:44	Linda C Pape	25
02201	TPH-DRO CALUFT(Soils) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	2	12/22/2005 17:44	Tracy A Cole	1
06955	Lead	SW-846 6010B	1	12/22/2005 02:09	Eric L Eby	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	12/20/2005 22:16	Emiley A King	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	12/20/2005 21:39	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	12/20/2005 15:45	Eric L Vera	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	12/21/2005 13:15	Mirit S Shenouda	1
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	12/21/2005 14:00	Jason A Heisey	1



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. SW 4674429

SB-18-S-6-051219 NA Soil
 Facility# 90290 CETR
 1802 Webster-Alameda T0600100307 SB-18
 Collected: 12/19/2005 09:15 by LG Account Number: 10880

Submitted: 12/20/2005 10:20 ChevronTexaco
 Reported: 01/04/2006 at 16:55 6001 Bollinger Canyon Rd L4310
 Discard: 02/04/2006 San Ramon CA 94583

90181

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01725	TPH-GRO - Soils	n.a.	6.3	Detection Limit 1.0	mg/kg	25
The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. 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.						
02201	TPH-DRO CALUFT(Soils) w/Si Gel	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01725	TPH-GRO - Soils	N. CA LUFT GRO	1	12/21/2005 07:08	Linda C Pape	25
02201	TPH-DRO CALUFT(Soils) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	1	12/22/2005 21:41	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	12/22/2005 04:17	Emiley A King	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	12/21/2005 21:22	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	12/20/2005 15:48	Eric L Vera	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	12/21/2005 14:00	Jason A Heisey	1



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. SW 4674430

SB-16-S-11.5-051219 NA Soil
 Facility# 90290 CETR
 1802 Webster-Alameda T0600100307 SB-16
 Collected: 12/19/2005 08:48 by LG

Account Number: 10880

Submitted: 12/20/2005 10:20
 Reported: 01/04/2006 at 16:56
 Discard: 02/04/2006

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

90162

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. 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.						
02201	TPH-DRO CALUFT(Soils) w/Si Gel	n.a.	N.D.		10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.		0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.		0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.		0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.		0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.		0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.		0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.		0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01725	TPH-GRO - Soils	N. CA LUFT GRO	1	12/21/2005 07:55	Linda C Pape	25
02201	TPH-DRO CALUFT(Soils) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	1	12/22/2005 22:03	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	12/22/2005 04:39	Emiley A King	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	12/21/2005 21:23	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	12/20/2005 15:54	Eric L Vera	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	12/21/2005 14:00	Jason A Heisey	1



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. SW 4674431

SB-16-S-15.5-051219 NA Soil
 Facility# 90290 CETR
 1802 Webster-Alameda T0600100307 SB-16
 Collected: 12/19/2005 08:58 by LG

Account Number: 10880

Submitted: 12/20/2005 10:20
 Reported: 01/04/2006 at 16:56
 Discard: 02/04/2006

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

90163

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01725	TPH-GRO - Soils	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. 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.						
02201	TPH-DRO CALUFT(Soils) w/Si Gel	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01725	TPH-GRO - Soils	N. CA LUFT GRO	1	12/21/2005 08:42	Linda C Pape	25
02201	TPH-DRO CALUFT(Soils) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	1	12/22/2005 22:24	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	12/22/2005 05:01	Emiley A King	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	12/21/2005 21:25	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	12/20/2005 15:58	Eric L Vera	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	12/21/2005 14:00	Jason A Heisey	1



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. SW 4674432

SB-16-S-19.5-051219 NA Soil
 Facility# 90290 CETR
 1802 Webster-Alameda T0600100307 SB-16
 Collected: 12/19/2005 09:10 by LG

Account Number: 10880

Submitted: 12/20/2005 10:20
 Reported: 01/04/2006 at 16:56
 Discard: 02/04/2006

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

90164

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. 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.						
02201	TPH-DRO CALUFT(Soils) w/Si Gel	n.a.	N.D.		10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.		0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.		0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.		0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.		0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.		0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.		0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.		0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01725	TPH-GRO - Soils	N. CA LUFT GRO	1	12/21/2005 09:22	Linda C Pape	25
02201	TPH-DRO CALUFT(Soils) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	1	12/22/2005 22:46	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	12/22/2005 05:24	Emiley A King	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	12/21/2005 21:26	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	12/20/2005 16:01	Eric L Vera	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	12/21/2005 14:00	Jason A Heisey	1



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. SW 4674433

SB-15-S-11.5-051219 NA Soil
 Facility# 90290 CETR
 1802 Webster-Alameda T0600100307 SB-15
 Collected: 12/19/2005 10:06 by LG Account Number: 10880

Submitted: 12/20/2005 10:20 ChevronTexaco
 Reported: 01/04/2006 at 16:56 6001 Bollinger Canyon Rd L4310
 Discard: 02/04/2006 San Ramon CA 94583

90152

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01725	TPH-GRO - Soils	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. 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.					
02201	TPH-DRO CALUFT (Soils) w/Si Gel	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01725	TPH-GRO - Soils	N. CA LUFT GRO	1	12/21/2005 10:22	Linda C Pape	25
02201	TPH-DRO CALUFT (Soils) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	1	12/22/2005 23:07	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	12/22/2005 05:46	Emiley A King	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	12/21/2005 21:27	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	12/20/2005 16:05	Eric L Vera	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	12/21/2005 14:00	Jason A Heisey	1



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. SW 4674434

SB-15-S-19.5-051219 NA Soil
 Facility# 90290 CETR
 1802 Webster-Alameda T0600100307 SB-15
 Collected: 12/19/2005 10:23 by LG

Account Number: 10880

Submitted: 12/20/2005 10:20
 Reported: 01/04/2006 at 16:56
 Discard: 02/04/2006

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

90153

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01725	TPH-GRO - Soils	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. 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.						
02201	TPH-DRO CALUFT(Soils) w/Si Gel	n.a.	N.D.	10.	mg/kg	1
06955	Lead	7439-92-1	14.3	0.750	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01725	TPH-GRO - Soils	N. CA LUFT GRO	1	12/21/2005 04:25	Linda C Pape	25
02201	TPH-DRO CALUFT(Soils) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	2	12/22/2005 18:06	Tracy A Cole	1
06955	Lead	SW-846 6010B	1	12/22/2005 02:14	Eric L Eby	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	12/20/2005 22:39	Emiley A King	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	12/20/2005 21:40	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	12/20/2005 16:08	Eric L Vera	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	12/21/2005 13:15	Mirit S Shenouda	1
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	12/21/2005 14:00	Jason A Heisey	1



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. SW 4674435

SB-18-S-11.5-051219 NA Soil
 Facility# 90290 CETR
 1802 Webster-Alameda T0600100307 SB-18
 Collected: 12/19/2005 11:53 by LG Account Number: 10880

Submitted: 12/20/2005 10:20 ChevronTexaco
 Reported: 01/04/2006 at 16:56 6001 Bollinger Canyon Rd L4310
 Discard: 02/04/2006 San Ramon CA 94583

90182

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01725	TPH-GRO - Soils	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. 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.						
02201	TPH-DRO CALUFT(Soils) w/Si Gel	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01725	TPH-GRO - Soils	N. CA LUFT GRO	1	12/21/2005 10:57	Linda C Pape	25
02201	TPH-DRO CALUFT(Soils) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	1	12/22/2005 23:29	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	12/22/2005 21:13	Emiley A King	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	12/22/2005 20:01	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	12/20/2005 16:11	Eric L Vera	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	12/21/2005 14:00	Jason A Heisey	1



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. SW 4674436

SB-18-S-15.5-051219 NA Soil
 Facility# 90290 CETR
 1802 Webster-Alameda T0600100307 SB-18
 Collected: 12/19/2005 11:58 by LG

Account Number: 10880

Submitted: 12/20/2005 10:20
 Reported: 01/04/2006 at 16:56
 Discard: 02/04/2006

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

90183

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01725	TPH-GRO - Soils	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. 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.						
02201	TPH-DRO CALUFT(Soils) w/Si Gel	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01725	TPH-GRO - Soils	N. CA LUFT GRO	1	12/21/2005 11:33	Linda C Pape	25
02201	TPH-DRO CALUFT(Soils) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	1	12/22/2005 23:50	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	12/22/2005 21:35	Emiley A King	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	12/22/2005 20:03	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	12/20/2005 16:14	Eric L Vera	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	12/21/2005 14:00	Jason A Heisey	1



Analysis Report

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

Lancaster Laboratories Sample No. SW 4674437

SB-18-S-19.5-051219 NA Soil
 Facility# 90290 CETR
 1802 Webster-Alameda T0600100307 SB-18
 Collected: 12/19/2005 12:07 by LG

Account Number: 10880

Submitted: 12/20/2005 10:20
 Reported: 01/04/2006 at 16:56
 Discard: 02/04/2006

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

90184

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method		
01725	TPH-GRO - Soils	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. 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.						
02201	TPH-DRO CALUFT(Soils) w/Si Gel	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01725	TPH-GRO - Soils	N. CA LUFT GRO	1	12/21/2005 12:09	Linda C Pape	25
02201	TPH-DRO CALUFT(Soils) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	1	12/23/2005 00:12	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	12/21/2005 22:19	Emiley A King	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	12/21/2005 20:29	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	12/20/2005 16:18	Eric L Vera	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	12/21/2005 14:00	Jason A Heisey	1



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. SW 4674438

SB-17-S-11.5-051219 Grab Soil
 Facility# 90290 CETR
 1802 Webster-Alameda T0600100307 SB-17
 Collected: 12/19/2005 12:39 by LG

Account Number: 10880

Submitted: 12/20/2005 10:20
 Reported: 01/04/2006 at 16:56
 Discard: 02/04/2006

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

90173

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01725	TPH-GRO - Soils	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. 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.						
02201	TPH-DRO CALUFT(Soils) w/Si Gel	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01725	TPH-GRO - Soils	N. CA LUFT GRO	1	12/21/2005 17:38	Linda C Pape	25
02201	TPH-DRO CALUFT(Soils) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	1	12/23/2005 00:33	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	12/21/2005 22:41	Emiley A King	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	12/21/2005 20:30	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	12/20/2005 16:22	Eric L Vera	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	12/21/2005 14:00	Jason A Heisey	1



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. SW 4674439

SB-17-S-15.5-051219 Grab Soil
 Facility# 90290 CETR
 1802 Webster-Alameda T0600100307 SB-17
 Collected: 12/19/2005 12:46 by LG Account Number: 10880

Submitted: 12/20/2005 10:20 ChevronTexaco
 Reported: 01/04/2006 at 16:56 6001 Bollinger Canyon Rd L4310
 Discard: 02/04/2006 San Ramon CA 94583

90174

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01725	TPH-GRO - Soils	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. 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.						
02201	TPH-DRO CALUFT(Soils) w/Si Gel	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01725	TPH-GRO - Soils	N. CA LUFT GRO	1	12/21/2005 18:18	Linda C Pape	25
02201	TPH-DRO CALUFT(Soils) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	1	12/23/2005 01:38	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	12/21/2005 23:04	Emiley A King	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	12/21/2005 20:32	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	12/20/2005 16:25	Eric L Vera	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	12/21/2005 14:00	Jason A Heisey	1



Analysis Report

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

Lancaster Laboratories Sample No. SW 4674440

SB-17-S-19.5-051219 Grab Soil
 Facility# 90290 CETR
 1802 Webster-Alameda T0600100307 SB-17
 Collected: 12/19/2005 13:00 by LG Account Number: 10880

Submitted: 12/20/2005 10:20 ChevronTexaco
 Reported: 01/04/2006 at 16:56 6001 Bollinger Canyon Rd L4310
 Discard: 02/04/2006 San Ramon CA 94583

90175

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01725	TPH-GRO - Soils	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. 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.						
02201	TPH-DRO CALUFT(Soils) w/Si Gel	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01725	TPH-GRO - Soils	N. CA LUFT GRO	1	12/21/2005 18:59	Linda C Pape	25
02201	TPH-DRO CALUFT(Soils) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	1	12/23/2005 01:59	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	12/22/2005 00:10	Emiley A King	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	12/21/2005 20:35	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	12/20/2005 16:29	Eric L Vera	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	12/21/2005 14:00	Jason A Heisey	1



Analysis Report

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

Page 2 of 2

Lancaster Laboratories Sample No. WW 4674441

SB-16-W-051219 Grab Water
Facility# 90290 CETR
1802 Webster-Alameda T0600100307 SB-16
Collected: 12/19/2005 09:10 by LG Account Number: 10880

Submitted: 12/20/2005 10:20 ChevronTexaco
Reported: 01/04/2006 at 16:56 6001 Bollinger Canyon Rd L4310
Discard: 02/04/2006 San Ramon CA 94583

9016W



Analysis Report

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

Page 1 of 2

Lancaster Laboratories Sample No. WW 4674442

Utility Trench-W-051219 Grab Water
 Facility# 90290 CETR
 1802 Webster-Alameda T0600100307 Utility Tr
 Collected: 12/19/2005 10:30 by LG Account Number: 10880

Submitted: 12/20/2005 10:20 ChevronTexaco
 Reported: 01/04/2006 at 16:56 6001 Bollinger Canyon Rd L4310
 Discard: 02/04/2006 San Ramon CA 94583

901UT

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method		
01728	TPH-GRO - Waters	n.a.	N.D.	50. Detection Limit	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.					
02202	TPH-DRO CALUFT(Water) w/Si Gel	n.a.	320.	50.	ug/l	1
	Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits obtainable.					
	The observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel and contains individual peaks eluting in the DRO range.					
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.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	12/21/2005 20:59	Kathie J Bowman	1
02202	TPH-DRO CALUFT(Water) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	1	12/31/2005 10:54	Sarah M Snyder	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	12/29/2005 22:04	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/21/2005 20:59	Kathie J Bowman	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/29/2005 22:04	Dawn M Harle	n.a.
02135	Extraction - DRO Water Special	CA LUFT TPH	1	12/27/2005 17:55	JoElla L Rice	1



Analysis Report

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

Page 2 of 2

Lancaster Laboratories Sample No. WW 4674442

Utility Trench-W-051219 Grab Water
Facility# 90290 CETR
1802 Webster-Alameda T0600100307 Utility Tr
Collected: 12/19/2005 10:30 by LG

Account Number: 10880

Submitted: 12/20/2005 10:20
Reported: 01/04/2006 at 16:56
Discard: 02/04/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

901UT



Analysis Report

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

Page 1 of 2

Lancaster Laboratories Sample No. WW 4674443

SB-15-W-051219 Grab Water CETR
Facility# 90290
1802 Webster-Alameda T0600100307 SB-15
Collected: 12/19/2005 10:45 by LG Account Number: 10880

Submitted: 12/20/2005 10:20 ChevronTexaco
Reported: 01/04/2006 at 16:56 6001 Bollinger Canyon Rd L4310
Discard: 02/04/2006 San Ramon CA 94583

9015W

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 = 7.					
02202	TPH-DRO CALUFT(Water) w/Si Gel	n.a.	730.	290.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly. The observed sample pattern is not typical of #2 fuel/diesel. It contains two patterns in the DRO range, one earlier and one later than #2 fuel as well as individual peaks eluting in the DRO range.					
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
	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.					

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
---------	---------------	--------	--------	------------------------	---------	-----------------



Analysis Report

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

Page 2 of 2

Lancaster Laboratories Sample No. WW 4674443

SB-15-W-051219 Grab Water CETR
Facility# 90290
1802 Webster-Alameda T0600100307 SB-15
Collected: 12/19/2005 10:45 by LG

Account Number: 10880

Submitted: 12/20/2005 10:20
Reported: 01/04/2006 at 16:56
Discard: 02/04/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Sample No.	Description	Method	Count	Date/Time	Analyst	Result
9015W						
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	12/21/2005 21:28	Kathie J Bowman	1
02202	TPH-DRO CALUFT(Water) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	2	12/31/2005 11:15	Sarah M Snyder	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	12/29/2005 22:28	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/21/2005 21:28	Kathie J Bowman	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/29/2005 22:28	Dawn M Harle	n.a.
02135	Extraction - DRO Water Special	CA LUFT TPH	1	12/27/2005 17:55	JoElla L Rice	1



Analysis Report

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

Lancaster Laboratories Sample No. WW 4674444

SB-18-W-051219 Grab Water
 Facility# 90290 CETR
 1802 Webster-Alameda T0600100307 SB-18
 Collected: 12/19/2005 13:30 by LG Account Number: 10880

Submitted: 12/20/2005 10:20 ChevronTexaco
 Reported: 01/04/2006 at 16:56 6001 Bollinger Canyon Rd L4310
 Discard: 02/04/2006 San Ramon CA 94583

9018W

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	62.	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.						
02202	TPH-DRO CALUFT(Water) w/Si Gel	n.a.	3,200.	290.	ug/l	1
The surrogate data is outside the QC limits. Results from the reextraction are within the limits. The hold time had expired prior to the reextraction so all results are reported from the original extract. Similar results were obtained in both extracts.						
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	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

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.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	12/21/2005 21:57	Kathie J Bowman	1
02202	TPH-DRO CALUFT(Water) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	1	12/31/2005 11:59	Sarah M Snyder	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	12/29/2005 22:52	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/21/2005 21:57	Kathie J Bowman	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/29/2005 22:52	Dawn M Harle	n.a.



Analysis Report

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

Lancaster Laboratories Sample No. WW 4674445

SB-17-W-051219 Grab Water CETR
Facility# 90290
1802 Webster-Alameda T0600100307 SB-17
Collected: 12/19/2005 14:00 by LG Account Number: 10880

Submitted: 12/20/2005 10:20 ChevronTexaco
Reported: 01/04/2006 at 16:56 6001 Bollinger Canyon Rd L4310
Discard: 02/04/2006 San Ramon CA 94583

9017W

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	1,400.	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.					
02202	TPH-DRO CALUFT(Water) w/Si Gel	n.a.	5,400.	290.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly. The observed sample pattern is not typical of #2 fuel/diesel. It contains two patterns in the DRO range, one earlier and one later than #2 fuel.					
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
	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.					

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	12/21/2005 22:26	Kathie J Bowman	1

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 01/04/06 at 04:57 PM

Group Number: 971764

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

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 05354A02A TPH-GRO - Soils	Sample number(s): 4674427-4674432, 4674434 280.	1.0	mg/kg	92		67-119		
Batch number: 053550003A TPH-DRO CALUFT (Soils) w/Si Gel	Sample number(s): 4674425-4674440 N.D.	10.	mg/kg	110		60-120		
Batch number: 053555708001 Lead	Sample number(s): 4674428, 4674434 N.D.	0.780	mg/kg	92		80-120		
Batch number: 05355A02A TPH-GRO - Soils	Sample number(s): 4674426, 4674438-4674440 N.D.	1.0	mg/kg	88		67-119		
Batch number: 05355A08A TPH-GRO - Waters	Sample number(s): 4674441-4674445 N.D.	50.	ug/l	130	114	70-130	13	30
Batch number: 05355A34B TPH-GRO - Soils	Sample number(s): 4674425, 4674433, 4674435-4674437 N.D.	1.0	mg/kg	94		67-119		
Batch number: 053610007A TPH-DRO CALUFT (Water) w/Si Gel	Sample number(s): 4674441-4674445 N.D.	29.	ug/l	101	101	49-120	0	20
Batch number: A053541AA Methyl Tertiary Butyl Ether di-Isopropyl ether Ethyl t-butyl ether t-Amyl methyl ether t-Butyl alcohol Benzene 1,2-Dichloroethane Toluene 1,2-Dibromoethane Ethylbenzene Xylene (Total)	Sample number(s): 4674428, 4674434 N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D.	0.5 1. 1. 1. 20. 0.5 1. 1. 1. 1. 1. 1.	ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg	96 90 89 91 92 90 101 89 95 90 89		75-125 70-129 62-131 63-129 59-142 77-119 76-126 81-116 77-114 82-115 82-117		
Batch number: A053551AA Methyl Tertiary Butyl Ether di-Isopropyl ether Ethyl t-butyl ether t-Amyl methyl ether t-Butyl alcohol Benzene 1,2-Dichloroethane Toluene 1,2-Dibromoethane	Sample number(s): 4674425-4674427, 4674429-4674433, 4674437-4674440 N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D.	0.5 1. 1. 1. 20. 0.5 1. 1. 1. 1.	ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg	97 95 93 95 92 95 102 95 95 98		75-125 70-129 62-131 63-129 59-142 77-119 76-126 81-116 77-114		

*- 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
 Reported: 01/04/06 at 04:57 PM

Group Number: 971764

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Ethylbenzene	N.D.	1.	ug/kg	96		82-115		
Xylene (Total)	N.D.	1.	ug/kg	94		82-117		
Batch number: A053561AA		Sample number(s): 4674435-4674436						
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	106		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	102		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	101		62-131		
t-Amyl methyl ether	N.D.	1.	ug/kg	103		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	90		59-142		
Benzene	N.D.	0.5	ug/kg	101		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	110		76-126		
Toluene	N.D.	1.	ug/kg	99		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	104		77-114		
Ethylbenzene	N.D.	1.	ug/kg	100		82-115		
Xylene (Total)	N.D.	1.	ug/kg	98		82-117		
Batch number: Z053631AA		Sample number(s): 4674441-4674445						
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	97		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	92		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	94		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	85		60-133		
Benzene	N.D.	0.5	ug/l	95		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	99		77-132		
Toluene	N.D.	0.5	ug/l	94		85-115		
1,2-Dibromoethane	N.D.	0.5	ug/l	96		81-114		
Ethylbenzene	N.D.	0.5	ug/l	95		82-119		
Xylene (Total)	N.D.	0.5	ug/l	96		83-113		

Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 05354A02A		Sample number(s): 4674427-4674432,4674434							
TPH-GRO - Soils	81	87	39-118	8	30				
Batch number: 053550003A		Sample number(s): 4674425-4674440							
TPH-DRO CALUFT (Soils) w/Si Gel	102	106	48-124	4	20				
Batch number: 053555708001		Sample number(s): 4674428,4674434							
Lead	97	109	75-125	5	20	16.2	15.3	6	20
Batch number: 05355A02A		Sample number(s): 4674426,4674438-4674440							
TPH-GRO - Soils	82	84	39-118	3	30				
Batch number: 05355A08A		Sample number(s): 4674441-4674445							
TPH-GRO - Waters	120		63-154						
Batch number: 05355A34B		Sample number(s): 4674425,4674433,4674435-4674437							
TPH-GRO - Soils	76	87	39-118	13	30				
Batch number: A053541AA		Sample number(s): 4674428,4674434							

*- 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
 Reported: 01/04/06 at 04:57 PM

Group Number: 971764

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Methyl Tertiary Butyl Ether	96	98	47-130	3	30				
di-Isopropyl ether	94	94	56-130	1	30				
Ethyl t-butyl ether	93	93	57-122	1	30				
t-Amyl methyl ether	93	95	58-119	2	30				
t-Butyl alcohol	93	90	51-134	3	30				
Benzene	91	90	67-123	0	30				
1,2-Dichloroethane	102	100	62-130	1	30				
Toluene	92	90	49-132	1	30				
1,2-Dibromoethane	94	94	62-116	1	30				
Ethylbenzene	92	90	50-127	1	30				
Xylene (Total)	90	88	44-127	1	30				

Batch number: A053551AA	Sample number(s): 4674425-4674427, 4674429-4674433, 4674437-4674440								
Methyl Tertiary Butyl Ether	92	97	47-130	5	30				
di-Isopropyl ether	90	93	56-130	3	30				
Ethyl t-butyl ether	88	92	57-122	4	30				
t-Amyl methyl ether	89	93	58-119	4	30				
t-Butyl alcohol	91	96	51-134	5	30				
Benzene	88	89	67-123	1	30				
1,2-Dichloroethane	97	99	62-130	2	30				
Toluene	87	89	49-132	2	30				
1,2-Dibromoethane	90	94	62-116	5	30				
Ethylbenzene	88	89	50-127	1	30				
Xylene (Total)	86	88	44-127	1	30				

Batch number: A053561AA	Sample number(s): 4674435-4674436								
Methyl Tertiary Butyl Ether	93	92	47-130	1	30				
di-Isopropyl ether	89	90	56-130	2	30				
Ethyl t-butyl ether	87	88	57-122	1	30				
t-Amyl methyl ether	87	88	58-119	0	30				
t-Butyl alcohol	82	88	51-134	7	30				
Benzene	87	87	67-123	0	30				
1,2-Dichloroethane	95	95	62-130	0	30				
Toluene	85	86	49-132	0	30				
1,2-Dibromoethane	88	88	62-116	0	30				
Ethylbenzene	87	87	50-127	0	30				
Xylene (Total)	85	86	44-127	1	30				

Batch number: Z053631AA	Sample number(s): 4674441-4674445								
Methyl Tertiary Butyl Ether	98	100	69-134	2	30				
di-Isopropyl ether	94	95	75-130	1	30				
Ethyl t-butyl ether	96	97	78-119	1	30				
t-Amyl methyl ether	96	98	72-125	2	30				
t-Butyl alcohol	88	88	56-134	0	30				
Benzene	101	103	83-128	2	30				
1,2-Dichloroethane	100	102	70-143	2	30				
Toluene	101	101	83-127	0	30				
1,2-Dibromoethane	96	98	78-120	1	30				
Ethylbenzene	102	103	82-129	1	30				
Xylene (Total)	102	103	82-130	1	30				

Surrogate Quality Control

*- 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
Reported: 01/04/06 at 04:57 PM

Group Number: 971764

Surrogate Quality Control

Analysis Name: TPH-GRO - Soils
Batch number: 05354A02A
Trifluorotoluene-F

4674427	89
4674428	85
4674429	89
4674430	93
4674431	89
4674432	87
4674434	86
Blank	103
LCS	97
MS	95
MSD	101

Limits: 61-122

Analysis Name: TPH-DRO CALUFT(Soils) w/Si Gel
Batch number: 053550003A
Orthoterphenyl

4674425	90
4674426	91
4674427	89
4674428	94
4674429	87
4674430	90
4674431	72
4674432	89
4674433	82
4674434	97
4674435	92
4674436	90
4674437	82
4674438	81
4674439	85
4674440	89
Blank	92
LCS	98
MS	93
MSD	99

Limits: 41-128

Analysis Name: TPH-GRO - Soils
Batch number: 05355A02A
Trifluorotoluene-F

4674426	86
4674438	85
4674439	87
4674440	92
Blank	104
LCS	99
MS	96
MSD	97

*- 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
Reported: 01/04/06 at 04:57 PM

Group Number: 971764

Surrogate Quality Control

Limits: 61-122

Analysis Name: TPH-GRO - Waters
Batch number: 05355A08A
Trifluorotoluene-F

4674441	77
4674442	76
4674443	77
4674444	71
4674445	75
Blank	77
LCS	84
LCSD	84
MS	85

Limits: 63-135

Analysis Name: TPH-GRO - Soils
Batch number: 05355A34B
Trifluorotoluene-F

4674425	82
4674433	86
4674435	81
4674436	87
4674437	83
Blank	81
LCS	92
MS	79
MSD	87

Limits: 61-122

Analysis Name: TPH-DRO CALUFT(Water) w/Si Gel
Batch number: 053610007A
Orthoterphenyl

4674441	92
4674442	94
4674443	74
4674444	58*
4674445	93
Blank	94
LCS	106
LCSD	106

Limits: 59-131

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A053541AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4674428	92	90	85	81
4674434	91	86	86	78
Blank	90	86	87	79
LCS	90	90	89	87

*- 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
 Reported: 01/04/06 at 04:57 PM

Group Number: 971764

Surrogate Quality Control

MS	90	86	90	86
MSD	90	88	89	86
<hr/>				
Limits:	71-114	70-109	70-123	70-111
Analysis Name: BTEX+5 Oxygenates+EDC+EDB				
Batch number: A053551AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4674425	92	87	85	80
4674426	91	85	86	79
4674427	91	87	86	80
4674429	91	85	83	89
4674430	91	86	85	80
4674431	93	88	85	80
4674432	93	88	85	80
4674433	91	88	85	79
4674437	91	88	86	81
4674438	91	87	86	80
4674439	91	91	85	81
4674440	92	89	84	84
Blank	92	89	85	81
LCS	89	89	88	86
MS	89	87	88	88
MSD	90	87	88	87
<hr/>				
Limits:	71-114	70-109	70-123	70-111
Analysis Name: BTEX+5 Oxygenates+EDC+EDB				
Batch number: A053561AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4674435	91	89	86	83
4674436	91	86	85	80
Blank	89	87	85	81
LCS	90	92	88	87
MS	90	86	88	88
MSD	89	86	88	87
<hr/>				
Limits:	71-114	70-109	70-123	70-111
Analysis Name: BTEX+5 Oxygenates+EDC+EDB				
Batch number: Z053631AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4674441	91	88	88	92
4674442	90	89	88	90
4674443	91	90	87	90
4674444	92	91	87	94
4674445	92	90	87	97
Blank	90	88	88	90
LCS	90	89	88	91
MS	90	88	87	91
MSD	91	89	87	89
<hr/>				
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.

Quality Control Summary

Client Name: ChevronTexaco
Reported: 01/04/06 at 04:57 PM

Group Number: 971764

*- 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



121905-07 2 OF 3

Accel. # 10880 For Lancaster Laboratories use only Sample #: 4674425-45 SCR#: 240233

971764

Facility #: 9-0290
 Site Address: 1802 Webster Street
 Chevron PM: M. Inglis Lead Consultant: Cambria
 Consultant/Office: Emeryville
 Consultant Prj. Mgr.: L. Gerin
 Consultant Phone #: 510-420 3367 Fax #: _____
 Sampler: Touma D.
 Service Order #: _____ Non SAR:

Analyses Requested

Preservation Codes	
Total Number of Containers	8021 <input type="checkbox"/>
BTEX + MTBE	8260 <input checked="" type="checkbox"/>
TPH 8015 MOD	GRO
TPH 8015 MOD DRO	<input checked="" type="checkbox"/> Silica Gel Cleanup
8260 full scan	<input type="checkbox"/>
Oxygenates	<input checked="" type="checkbox"/>
Lead 7420	7421 <input type="checkbox"/>

Preservative Codes

H = HCl T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ 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.
SB-16@5-5	S			05	12	19	805	
SB-15@5-5							822	
SB-17@4-5							845	
SB-17@5-5							850	
SB-18@6-5							9:15	
SB-16@11.5-5							848	
SB-16@13.5-5							858	
SB-16@14.5-5							910	
SB-15@11.5-5							1006	
SB-15@14.5-5							1023	
SB-18@11.5-5							1153	
SB-15@15.5-5							1158	
SB-15@19.5-5							1207	

Grab Composite

Comments / Remarks

→ 24 hr Turn around

→ 24 hr Turn Around.

Turnaround Time Requested (TAT) (please circle)

STD. TAT See Notes: 72 hour 48 hour
 24 hour 4 day 5 day

Relinquished by: <u>Touma D.</u>	Date: <u>12/19/05</u>	Time: <u>1600</u>	Received by: <u>[Signature]</u>	Date: <u>12/19/05</u>	Time: <u>1600</u>
Relinquished by: <u>[Signature]</u>	Date: <u>12/19/05</u>	Time: <u>1600</u>	Received by: <u>DHL</u>	Date: <u>12/19/05</u>	Time: <u>1600</u>
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____
Relinquished by Commercial Carrier: _____	Received by: <u>[Signature]</u>		Date: <u>12/19/05</u>	Time: <u>1020</u>	
UPS FedEx Other _____	Temperature Upon Receipt: <u>Containers @ 10° - 2.3°</u>		Custody Seals Intact? <input checked="" type="radio"/> Yes <input type="radio"/> No		

Data Package Options (please circle if required)

QC Summary Type I - Full
 Type VI (Raw Data) Coelt Deliverable not needed
 WIP (RWQCB)
 Disk

Chevron California Region Analysis Request/Chain of Custody



121905-07 10F3

Acct. #: 10880

For Lancaster Laboratories use only

240235

Sample #: 4674425-45 SCR#:

971764

Facility #: 9-0290
 Site Address: 1802 Webster Street
 Chevron PM: M. Inglis Lead Consultant: Lambert
 Consultant/Office: Emeryville
 Consultant Prj. Mgr.: L. Gerin
 Consultant Phone #: 510-420-3367 Fax #: _____
 Sampler: Zack
 Service Order #: _____ Non SAR: _____

Analyses Requested									
Preservation Codes									
8021	<input type="checkbox"/>	HCl							
8260	<input checked="" type="checkbox"/>	BTEX-MTBE							
8015 MOD	<input type="checkbox"/>	GRO.							
8015 MOD	<input type="checkbox"/>	DRO							
8260	<input type="checkbox"/>	full scan							
7420	<input type="checkbox"/>	Lead							
7421	<input type="checkbox"/>	Oxygenates							

Preservative Codes
 H = HCl T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ 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.
SB-17E11.5-5	S			05 12 19	1239	
SB-17E15.5-5	↓			↓	1246	
SB-17E19.5-5	↓			↓	1300	

Grab	Composite	Total Number of Containers	BTEX-MTBE 8260	8021	HCl	TPH 8015 MOD	GRO.	HCl	TPH 8015 MOD	DRO	Silica Gel Cleanup	8260 full scan	Oxygenates	HCl	Lead 7420	7421
X		1	X	X	X	X		X	X				X			
X		1	X	X	X	X		X	X				X			
X		1	X	X	X	X		X	X				X			

Comments / Remarks

Sample 12/19/05

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

Relinquished by: <u>Tallera Din</u>	Date: <u>12/19/05</u>	Time: <u>1600</u>	Received by: <u>Kevin Winger</u>	Date: <u>12/19/05</u>	Time: <u>1600</u>
Relinquished by: <u>Kevin Winger</u>	Date: <u>12/19/05</u>	Time: <u>1600</u>	Received by: <u>DHL</u>	Date: <u>12/19/05</u>	Time: <u>1600</u>
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____
Relinquished by Commercial Carrier: _____	Received by: <u>[Signature]</u>	Date: <u>12/20/05</u>	Time: <u>1020</u>		
UPS FedEx Other _____	Temperature Upon Receipt: <u>4 coolers @ 10°-2.5°</u>	Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

Chevron California Region Analysis Request/Chain of Custody



121905-07
3 of 3

For Lancaster Laboratories use only
 Acct. #: 10880 Sample #: 4674425-45 SCR#: 240232

971764

Facility #: 9-0290
 Site Address: 1802 Webster St
 Chevron PM: M. Inglis Lead Consultant: Cambria
 Consultant/Office: Emeryville
 Consultant Prj. Mgr.: L. Genin
 Consultant Phone #: 510-420-3367 Fax #: _____
 Sampler: Tamera H.
 Service Order #: _____ Non SAR:

Analyses Requested

Preservation Codes									
Grab	Composite	Total Number of Containers	BTEX + MTBE 8260	TPH 8015 MOD	TPH 8015 MOD DRO	Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420
			<input type="checkbox"/> 8021						
			<input checked="" type="checkbox"/>						
				<input checked="" type="checkbox"/>					
					<input checked="" type="checkbox"/>				
						<input checked="" type="checkbox"/>			
							<input checked="" type="checkbox"/>		
								<input checked="" type="checkbox"/>	
									<input type="checkbox"/> 7421

Preservative Codes
 H = HCl T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ 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.
SB-16-W	W			05 12 19	9:10	
Utility Trench	↓			↓	10:30	
SB-15-W	↓			↓	10:45	
SB-18-W	↓			↓	13:30	
SB-17-W	↓			↓	1400	

Grab	Composite	Total Number of Containers	BTEX + MTBE 8260	TPH 8015 MOD	TPH 8015 MOD DRO	Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420
X		7	X	X	X	X		X	
X		↓	X	X	X	X		X	
X		↓	X	X	X	X		X	
X		↓	X	X	X	X		X	
X		↓	X	X	X	X		X	

Comments / Remarks

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

Relinquished by: Tamera H. Date: 12/19/05 Time: 1600
 Relinquished by: Kenn Wright Date: 4/19/05 Time: 1600
 Relinquished by: _____ Date: _____ Time: _____

Relinquished by Commercial Carrier:
 UPS FedEx Other _____

Temperature Upon Receipt: 4 coolers @ 10° - 2.3°

Received by: Kenn Wright Date: 12/19/05 Time: 1600
 Received by: DHL Date: 12/19/05 Time: 1600
 Received by: _____ Date: _____ Time: _____

Received by: [Signature] Date: 12/19/05 Time: 1020

Custody Seals Intact? Yes No

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
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
J	estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
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. All other results are reported on an as-received basis.		

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but \geq IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>$ 25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	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.

Measurement uncertainty values, as applicable, are available upon request.

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.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.