CAMBRIA

December 22, 2006

Mr. Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Re: **Subsurface Investigation Report**
Former Standard Oil Service Station (Chevron Site #307233)
2259 First Street
Livermore, California
Cambria Project No. 31J-2264

Dear Mr. Wickham:

Cambria Environmental Technology, Inc. (Cambria) has prepared this *Subsurface Investigation Report* for the site referenced above on behalf of Chevron Environmental Management Company (Chevron) in response to a July 3, 2006 letter from Alameda County Environmental Health Services (ACEHS). A copy of the ACEHS letter is presented as Attachment A. The objective of the investigation was to evaluate subsurface conditions with respect to petroleum hydrocarbons that may have originated from a Standard Oil Service Station that operated at the site prior to 1973. A description of the site background, a summary of previous work and our investigation results are presented below.

SITE BACKGROUND

The site is located on the southeast corner of First Street and South Livermore Avenue in Livermore, California (Figure 1). It is currently a city park landscaped with grass, trees, benches, and an exposed-aggregate concrete walkway (Figure 2). Topography around the site slopes gently to the northwest at an elevation of approximately 485 feet above mean sea level.

Cambria reviewed a series of aerial photographs to assess historical site use. The earliest available photograph, taken in 1959, shows a station building located along the southeastern edge of the property with two dispenser islands located on the western portion of the site (Figure 2). The station facilities were no longer present in a 1973 photograph, and by 1978 the property had been developed into the current park configuration. These aerial photographs are presented as Attachment B. The City of Livermore has indicated that the park and surrounding parcels will be redeveloped into a into a live arts theater within the next five years.

Cambria Environmental Technology, Inc.

5900 Hollis Street
Suite A
Emeryville, CA 94608
Tel (510) 420-0700
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Previous Environmental Work

Livermore city workers encountered a 1,000-gallon underground storage tank (UST) beneath the sidewalk on the southwest corner of the site during construction activities adjacent to the site in September 2005. The Livermore-Pleasanton Fire Department directed the UST removal and soil sampling.

On October 4, 2005, Consolidated Engineering Laboratories of Salida, California issued an *Environmental Sampling, Testing and Evaluation of Soil* report stating that soil beneath the UST contained 1,200 milligrams per kilogram (mg/kg) Total Petroleum Hydrocarbons as gasoline (TPHg), 4,100 mg/kg TPH as diesel (TPHd), and 54 mg/kg TPH as motor oil (TPHmo).

SUBSURFACE INVESTIGATION ACTIVITIES

To investigate the source and extent of petroleum hydrocarbons beneath the site in the vicinity of the former service station facilities, Cambria completed the following tasks.

Site Health and Safety Plan: Cambria prepared a comprehensive site health and safety plan to protect site workers. The plan was reviewed and signed by all site workers and visitors and kept onsite at all times during the field work.

Permits: The subsurface investigation was completed under Alameda County Water Resources Management Zone 7 drilling permit #26130 and City of Livermore encroachment permit #EN060408. Copies of these permits are included as Attachment C.

Geophysical Investigation: Cambria contracted NORCAL Geophysical Consultants, Inc. (NORCAL) of Cotati, California to conduct a geophysical investigation to aid in detection of any remaining USTs still present beneath the site. On August 25 and 31, 2006, NORCAL used vertical magnetic gradient, electromagnetic line locating/metal detection and ground penetrating radar methods to identify subsurface anomalies beneath the site. The geophysical investigation identified two suspected USTs located in the southwest corner of the site measuring 5 by 7 feet and buried approximately 3 to 4 feet deep (Figure 2). A copy of NORCAL's September 7, 2006 *Geophysical Investigation* report is included as Attachment D.

Drilling Company: Cambria contracted Woodward Drilling Company, Inc. (Woodward) of Rio Vista, California (C57 #710079) to advance the direct push borings.

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Drilling Dates: Woodward conducted drilling activities on September 11-13, and October 23-24 and 26. The gaps in the schedule were caused by equipment downtime.

Personnel: Cambria's Senior Staff Scientist Kamran Javandel and Staff Geologists Jonathan Williams and Sarah McNaboe conducted the field work under the direction of Project Geologist Laura Genin and Associate Geologist Robert Foss (P.G. #7445).

Underground Utility Location: Prior to drilling, Cambria contacted Underground Service Alert (USA) to clear the proposed boring locations and identify the locations of underground utilities beneath the site. NORCAL's geophysical investigation also helped confirm that the proposed boring locations were clear of underground utilities. In accordance with Chevron safety protocols, prior to advancing the direct push rods, Woodward cleared the boreholes to 8 feet below grade (fbg) using an air-knife-assisted vacuum truck.

Number of Borings: Cambria advanced borings SB-1, SB-2, and SB-5 in the vicinity of the suspected USTs. SB-3 and SB-4 were advanced near the former dispenser island locations (Figure 2).

Drilling and Sampling: Following clearance to 8 fbg, Woodward advanced borings SB-1 and SB-3 through SB-5 to 40 fbg using direct push technology for soil logging and sampling. Soil samples were collected by hydraulically pushing a 2.4-inch diameter, 4-foot, acetate-lined macrocore barrel into undisturbed sediments. Cambria personnel logged the soil and collected samples for laboratory analyses at approximately 5-foot intervals. Woodward hand-cleared SB-2 to 3 fbg at which depth a large metallic obstruction, believed to be a UST, was encountered. The borings were filled to just below grade with Portland Type I/II cement injected through a tremie pipe to the bottom of the hole and then completed to ground surface to match surrounding surface features.

Lithology: Subsurface materials encountered beneath the site consist of silty sands with gravel to approximately 14 fbg. Subsurface materials between 14 and 40 fbg consist of clayey silts and silty clays, with a zone of silty sands and silty gravels between 20 and 25 fbg. No groundwater was encountered in any of the borings advanced during this investigation. Boring logs graphically displaying the soils encountered and sample intervals are included as Attachment E.

Hydrology: According to Zone 7 Water Agency's *Draft Groundwater Management Plan for Livermore-Amador Groundwater Basin*, dated August 2005, the Livermore Valley is comprised of two aquifer zones. The upper aquifer zone is comprised of sandy and sandy clayey gravels

that are encountered between 20 and 150 fbg. The lower aquifer consists of semi-confined to confined, coarse grained water-bearing units, interbedded with relatively impermeable, fine-grained units. A silty clay aquitard approximately 50 feet thick, generally located between 150 and 200 fbg, separates these zones. Groundwater was not encountered during this investigation. An investigation conducted approximately one mile from the subject site, at 3884 First Street, encountered only discontinuous perched groundwater zones down to 56 fbg in borings to total depths of 80 fbg.

Laboratory Analysis: Cambria personnel cut, capped, and labeled 6-inch sections of the acetate liners as samples, logged the samples on a chain of custody form, and placed the samples on ice in a cooler. When the field activities were completed, the samples were transported, under chain of custody, to Lancaster Laboratories (Lancaster) of Lancaster, Pennsylvania for the following analyses.

- TPHg, TPHd, and TPHmo by modified EPA Method 8015B.
- Benzene, toluene, ethylbenzene, and xylenes (BTEX), methyl tertiary-butyl ether (MtBE), ethanol, tertiary-butyl alcohol (TBA), diisopropyl ether (DIPE), ethyl tertiary-butyl ether (ETBE), tertiary-amyl methyl ether (TAME), 1,2-dichloroethane (1,2-DCA), and 1,2-dibromoethane (EDB) by EPA Method 8260B.
- Mercury, Thallium, Arsenic, Selenium, Antimony, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Silver, Vanadium, and Zinc (CAM 17 Metals) by EPA Method 6010B.

Tables 1 and 2 summarize the soil analytic results. The laboratory analytic reports are presented as Attachment F.

Soil and Water Disposal: Cambria stored soil cuttings and rinse water generated during the field activities onsite in labeled, DOT-approved, 55-gallon steel drums. After reviewing analytic results of profile samples, Integrated Wastestream Management (IWM) of San Jose, California transported the soil and water to appropriate, Chevron-approved facilities for disposal.

PETROLUEM HYDROCARBON DISTRIBUTION IN SOIL

The highest hydrocarbon concentrations detected were 8,700 mg/kg TPHg, 3,000 mg/kg TPHd, and 14 mg/kg benzene at 25 fbg in SB-3, located at a former dispenser island and approximately

40 feet northwest of the USTs. TPHmo was detected at a maximum concentration of 1,400 mg/kg in the 22 fbg sample from SB-1. The deepest soil samples (39.5 fbg) from borings SB-1 and SB-5 contained TPHg above Environmental Screening Levels (ESLs) for deep soil (greater than 3 meters), where groundwater is not considered a current or potential source of drinking water, as established by Region II of the RWQCB. Benzene and xylenes exceed ESLs in the 39.5 foot samples from borings SB-1 and SB-5. Elevated concentrations of TPHg and TPHd are observed between approximately 20 fbg and the bottom of each boring, exhibiting decreasing concentrations with depth. Table 1 and Figure 3 summarize analytic results for hydrocarbons in soil.

Lead concentrations were below ESLs. Chromium concentrations in soil exceeded the ESL of 58 mg/kg in almost all samples. The consistency of these chromium detections between 40.2 and 143 mg/kg suggest that chromium is naturally present in soils beneath the site. Table 2 summarizes the analytic results for lead and chromium in soil. Complete results for all CAM 17 Metals analyses are presented in the laboratory analytic report presented as Attachment F.

CONCLUSIONS AND RECOMMENDATIONS

Gasoline constituents were detected above RWQCB's ESLs in the vicinity of the relic USTs and dispenser islands to the total depth explored of 40 fbg. No groundwater was encountered during the site investigation and is not anticipated to be encountered above 80 fbg.

There is evidence to suggest that at least one, and possibly two, buried USTs are still present near the southern corner of the site. Due to the location of the USTs and their proximity to an adjacent building, Chevron suggests abandoning these in place until site redevelopment activities commence, at which point Chevron will remove the tanks.

A discussion with Livermore-Pleasanton Fire Department official John Rigter indicated that he authorized use of the excavated soil that surrounded the UST, removed September 20, 2005, as backfill into the excavation. Procedures for backfilling this excavation and results of compaction testing, if any, are not available for inclusion in this report.

Future redevelopment plans call for construction of a performing arts theater on the site. That is anticipated to occur by 2010. No plans are available for this redevelopment at this point in time.

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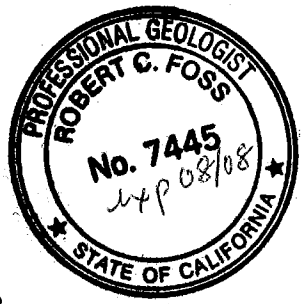
CLOSING

We appreciate the opportunity to work with you on this project. Should you have any questions regarding this report or the associated field work, please contact the undersigned.

Sincerely,
Cambria Environmental Technology, Inc.

Kamran Javandel
Senior Staff Scientist



Robert Foss, P.G. #7445
Associate Geologist

Figures:
1 – Vicinity Map
2 – Site Plan
3 – Hydrocarbon Concentrations in Soil

Tables:
1 – Analytic Results for Hydrocarbons in Soil
2 – Analytic Results for Lead and Chromium in Soil
3 – Hydrocarbon Concentrations in Soil

Attachments:
A – Regulatory Correspondence
B – Aerial Photographs
C – Permits
D – Geophysical Investigation Report
E – Boring Logs
F – Laboratory Analytic Reports

cc: Mr. Satya Sinha, Chevron, P.O. Box 6012, San Ramon, California 94583 (STRATA)
Ms. Chris Davidson, City of Livermore Economic Development, 1052 South Livermore Avenue, Livermore, California 94550

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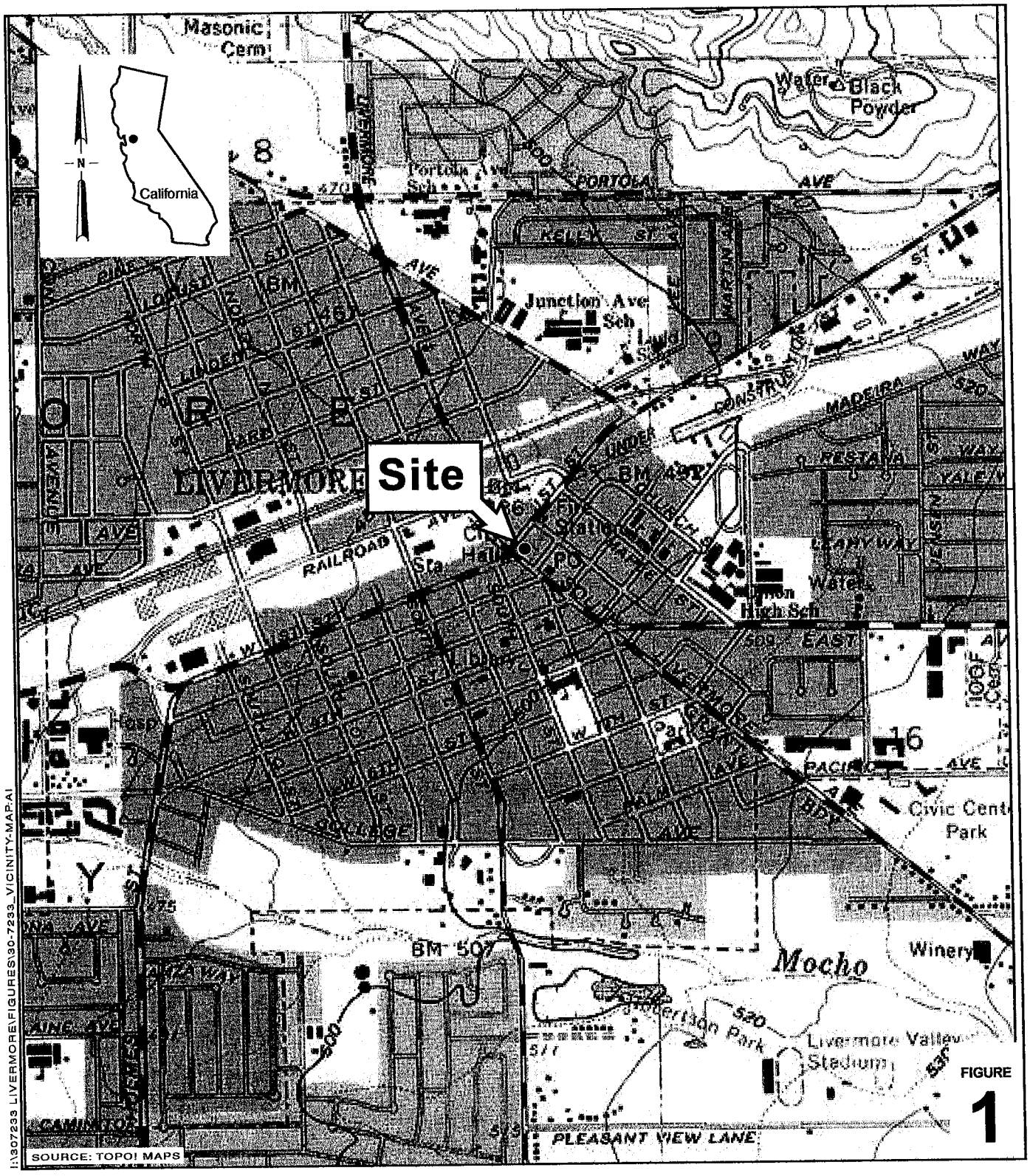
of Cambria. None of the work performed hereunder constitutes or shall be represented as a legal opinion of any kind or nature.

06/19/06



I:\307233 LIVERMORE\FIGURES\30-7233_VICINITY-MAP.AI

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

FIGURE 1

Chevron Service Station 30-7233

2259 First Street

Livermore, California

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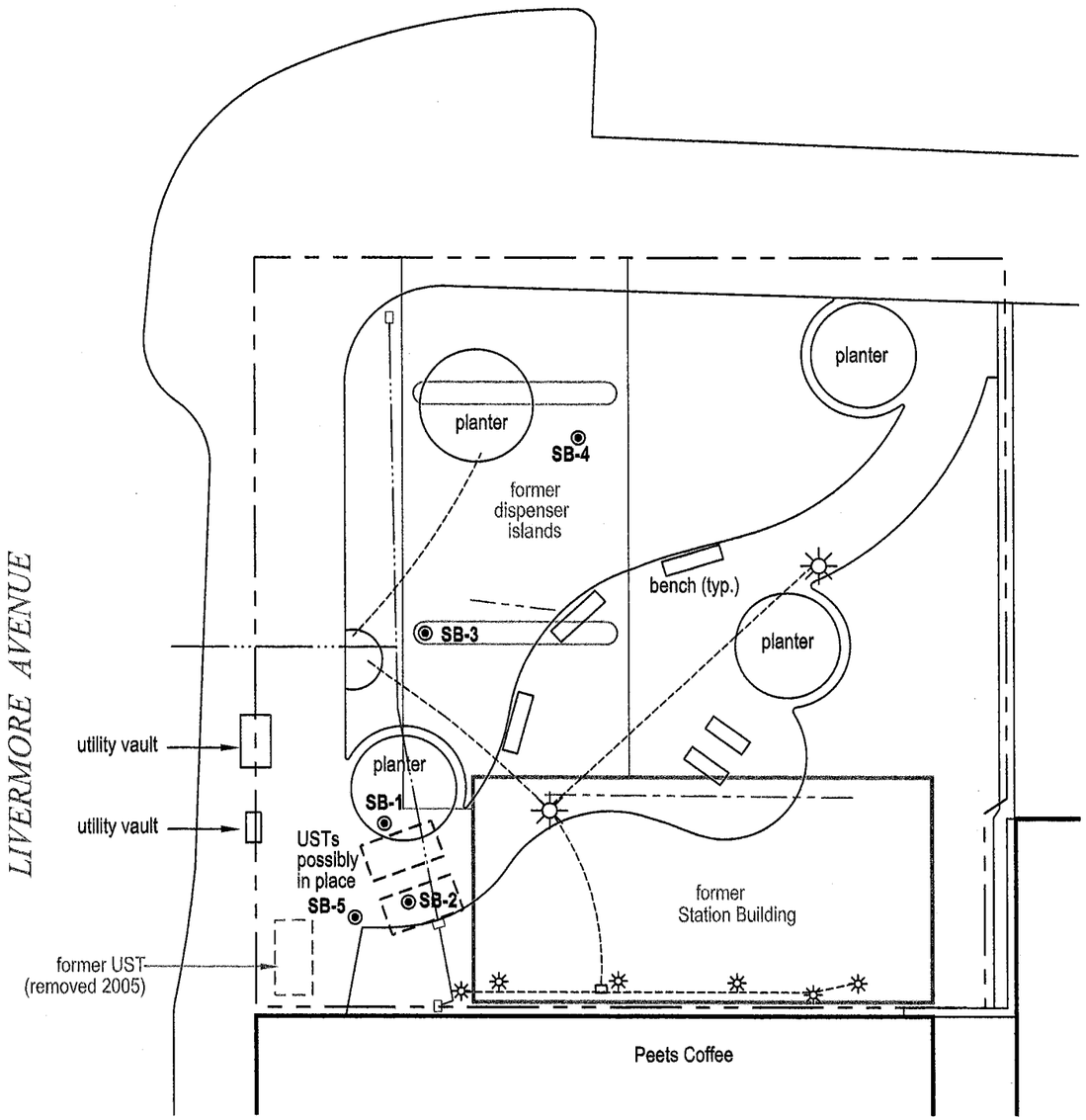
Vicinity Map

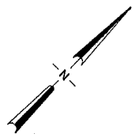
12/08/06

Site Plan

EXPLANATION

- SB-1 ◉ Soil boring location
- ---------- Electrical line
- ——···—— Water line
- —— - - —— Unknown utility line





0 15 30 60

Scale (ft)

Basemap modified from Aerial photographs

t:\307233 LIVERMORE\FIGURES\30-7233_SITEPLAN.DWG

FIGURE

2

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Former Chevron Station 30-7233

2259 First Street

Livermore, California

12/08/08

Hydrocarbon Concentrations in Soil in Milligrams per Kilogram (mg/kg)

EXPLANATION

SB-1 ◉ Soil boring location

FIRST STREET

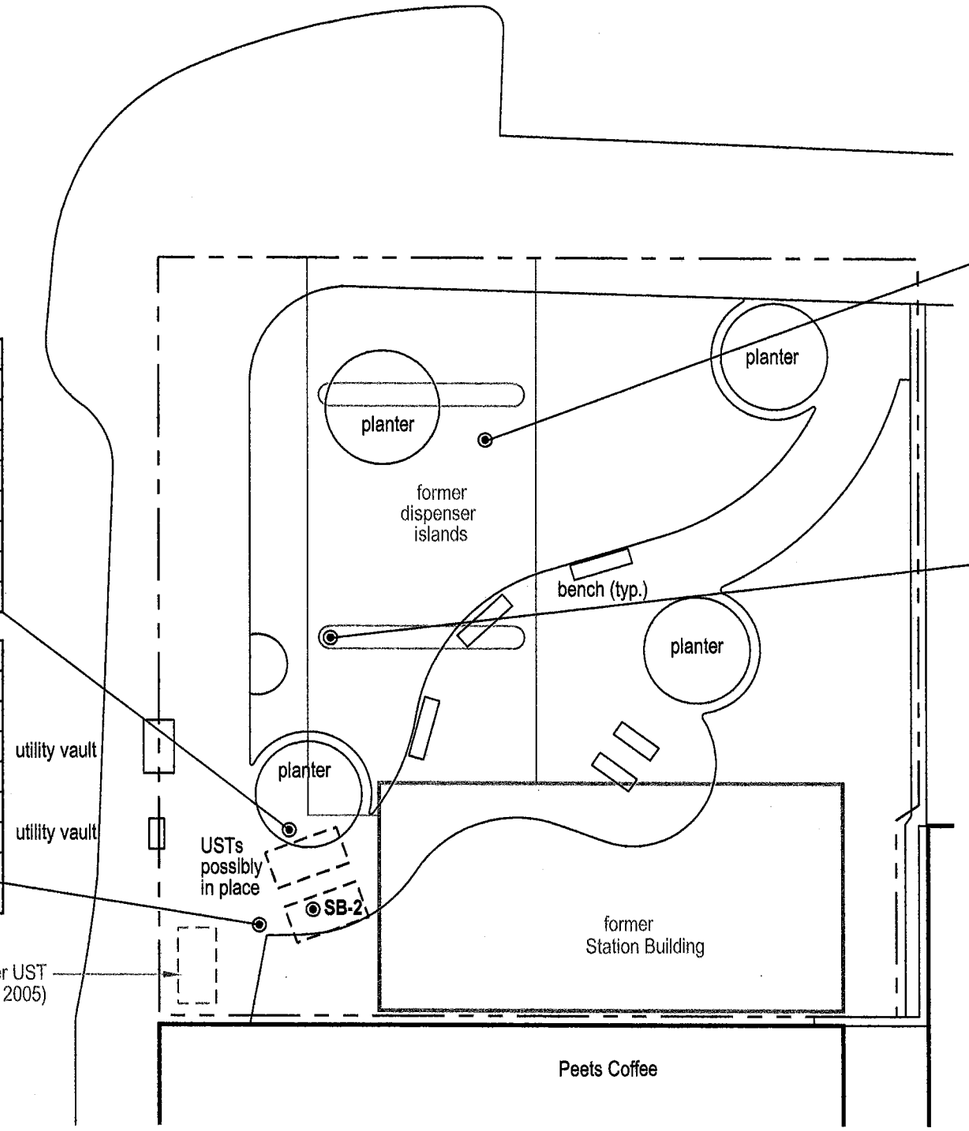
LIVERMORE AVENUE

SB-1

Date	Depth	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	TPHmo
10/26/06	10	<1.0	<0.0005	<0.001	<0.001	<0.001	<10
10/26/06	15	**15**	<0.0005	<0.001	<0.001	<0.001	**350**
10/26/06	22	**2,800**	<0.062	<0.12	<0.12	<0.12	**1,400**
10/26/06	26	**1,100**	<0.62	**0.19**	**5.5**	**19**	**390**
10/26/06	32	**180**	**2.0**	**17**	**13**	**65**	**94**
10/26/06	35.5	**1,200**	**1.0**	**5.5**	**2.7**	**16**	**67**
10/26/06	39.5	**1,000**	**0.90**	**0.93**	**2.5**	**11**	<10

SB-5

Date	Depth	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	TPHmo
10/26/06	10	<1.0	<0.0005	<0.001	<0.001	0.002	<10
10/26/06	15	<1.0	<0.0005	<0.001	<0.001	<0.001	<10
10/26/06	19.5	**27**	<0.0005	<0.001	<0.001	0.001	**560**
10/26/06	26	**1,100**	**0.78**	<0.13	**8.5**	**12**	**450**
10/26/06	30	**950**	<0.062	<0.12	**1.1**	**2.0**	**140**
10/26/06	34	**3,100**	**17**	**67**	**38**	**130**	**290**
10/26/06	39.5	**1,400**	**5.4**	**2.6**	**13**	**73**	<10



SB-4

Date	Depth	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	TPHmo
09/12/06	5	**1.3**	<0.0005	<0.001	<0.001	<0.001	<18
09/12/06	10	**2.8**	<0.0005	<0.001	<0.001	<0.001	<20
09/12/06	15	<1.0	<0.0005	<0.001	<0.001	<0.001	<20
09/12/06	20	<1.0	<0.0005	<0.001	<0.001	<0.001	<20
09/12/06	25	**310**	<0.003	<0.005	**0.008**	<0.005	<20
09/12/06	27.5	**1,600**	**0.10**	**0.14**	**4.5**	**19**	<20
09/12/06	30	**22**	**0.003**	<0.005	**0.014**	**0.007**	<20
09/12/06	35	**320**	<0.063	<0.13	<0.13	<0.13	<20
09/12/06	39.5	**1.2**	**0.15**	<0.001	<0.001	<0.001	<20

SB-3

Date	Depth	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	TPHmo
10/26/06	10	<1.0	<0.0005	0.001	<0.001	**0.002**	<10
10/26/06	15	<1.0	<0.0005	<0.001	<0.001	**0.002**	<10
10/26/06	21	**1,800**	<0.062	<0.12	**4.8**	**15**	<20
10/26/06	25	**8,700**	**14**	**410**	**120**	**770**	88
10/26/06	30	**5,400**	**3.2**	**68**	**40**	**250**	<20
10/26/06	35	**630**	**0.080**	<0.12	**0.56**	**1.1**	<10
10/26/06	39.5	**130**	**0.23**	**1.5**	**0.81**	**5.5**	<20

N

0 15 30 60

Scale (ft)

Basemap modified from Aerial photographs

I:\30\7233 LIVERMORE\FIGURES\30-7233_SOIL-RESULTS.DWG

FIGURE

3

Former Chevron Station 30-7233

2259 First Street

Livermore, California

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Table 1. Analytic Results for Hydrocarbons in Soil - Former Standard Oil SS #307233, 2259 First Street, Livermore, California

Sample ID	Sample Date	Sample Depth feet	TPHg	TPHd	Benzene	Toluene	Ethyl benzene	Xylenes	Motor Oil
			← (concentrations reported in mg/kg) →						
SB-1	10/26/2006	10	<1.0	<10	<0.0005	<0.001	<0.001	<0.001	<10
	10/26/2006	15	**15**	**140**	<0.0005	<0.001	<0.001	<0.001	**350**
	10/26/2006	22	**2,800**	**780**	<0.062	<0.12	<0.12	<0.12	**1,400**
	10/26/2006	26	**1,100**	**590**	<0.62	**0.19**	**5.5**	**19**	**390**
	10/26/2006	32	**180**	**120**	**2.0**	**17**	**13**	**65**	**94**
	10/26/2006	35.5	**1,200**	**99**	**1.0**	**5.5**	**2.7**	**16**	**67**
	10/26/2006	39.5	**1,000**	**20**	**0.90**	**0.93**	**2.5**	**11**	<10
SB-3	10/23/2006	10	<1.0	<10	<0.0005	**0.001**	<0.001	**0.002**	<10
	10/23/2006	15	<1.0	<10	<0.0005	<0.001	<0.001	**0.002**	<10
	10/23/2006	21	**1,800**	**82**	<0.062	<0.12	**4.8**	**15**	<20
	10/23/2006	25	**8,700**	**3,000**	**14**	**410**	**120**	**770**	**88**
	10/23/2006	30	**5,400**	**230**	**3.2**	**68**	**40**	**250**	<20
	10/23/2006	35	**630**	**17**	**0.080**	<0.12	**0.56**	**1.1**	<10
	10/23/2006	39.5	**130**	**62**	**0.23**	**1.5**	**0.81**	**5.5**	<20
SB-4	9/12/2006	5	**1.3**	**33**	<0.0005	<0.001	<0.001	<0.001	<18
	9/12/2006	10	**2.8**	**28**	<0.0005	<0.001	<0.001	<0.001	<20
	9/12/2006	15	<1.0	<12	<0.0005	<0.001	<0.001	<0.001	<20
	9/12/2006	20	<1.0	<10	<0.0005	<0.001	<0.001	<0.001	<20
	9/12/2006	25	**310**	**24**	<0.003	<0.005	**0.008**	<0.005	<20
	9/12/2006	27.5	**1,600**	**260**	**0.10**	**0.14**	**4.5**	**19**	<20
	9/12/2006	30	**22**	<12	**0.003**	<0.005	**0.014**	**0.007**	<20
	9/12/2006	35	**320**	**45**	<0.063	<0.13	<0.13	<0.13	<20
	9/12/2006	39.5	**1.2**	<10	**0.15**	<0.001	<0.001	<0.001	<16
SB-5	10/24/2006	10	<1.0	<10	<0.0005	<0.001	<0.001	**0.002**	<10
	10/26/2006	15	<1.0	<10	<0.0005	<0.001	<0.001	<0.001	<10
	10/26/2006	19.5	**27**	**700**	<0.0005	<0.001	<0.001	**0.001**	**560**
	10/26/2006	26	**1,100**	**620**	**0.78**	<0.13	**8.5**	**12**	**450**
	10/26/2006	30	**950**	**320**	<0.062	<0.12	**1.1**	**2.0**	**140**
	10/26/2006	34	**3,100**	**630**	**17**	**67**	**38**	**130**	**290**
	10/26/2006	39.5	**1,400**	**80**	**5.4**	**2.6**	**13**	**73**	<10
ESL's			**400**	**500**	**0.51**	**9.3**	**32**	**11**	**1000**

Abbreviations/Notes:

Total petroleum hydrocarbons as gasoline (TPHg) analyzed using modified EPA Method 8015B.
Total petroleum hydrocarbons as diesel (TPHd) analyzed using modified EPA Method 8015B.
Benzene, toluene, ethylbenzene, xylenes (BTEX) and Volatile Organic Compounds (VOCs) analyzed using EPA Method 8260B.
Total petroleum hydrocarbons as motor oil analyzed using modified EPA Method 8015B.
mg/kg = milligrams per kilogram.
<n = Results not detected above method detection limits.
ESLs = RWQCB's Environmental Screening Levels for Deep Soils (>3 meters bgs), where groundwater is not considered a current or potential source of drinking water and land use is commercial/industrial.

Table 2. Analytic Results for Lead and Chromium in Soil
Former Standard Oil SS #307233, 2259 First Street, Livermore, California

Sample ID	Sample Date	Sample Depth feet	Lead	Chromium
			(concentrations reported in mg/kg)	
SB-1	10/26/2006	10	**10.5**	**59.9**
	10/26/2006	15	**12.6**	**74.1**
	10/26/2006	22	**31.5**	**54.0**
	10/26/2006	26	**8.47**	**67.3**
	10/26/2006	32	**8.76**	**79.4**
	10/26/2006	35.5	**8.98**	**72.6**
	10/26/2006	39.5	**8.75**	**79.8**
SB-3	10/23/2006	10	**17.0**	**143.0**
	10/23/2006	15	**11.0**	**65.5**
	10/23/2006	21	**6.50**	**40.2**
	10/23/2006	25	**11.1**	**62.4**
	10/23/2006	30	**8.71**	**67.0**
	10/23/2006	35	**7.97**	**78.8**
	10/23/2006	39.5	**9.91**	**70.0**
SB-4	9/12/2006	5	**65.4**	**71.6**
	9/12/2006	10	**5.29**	**90.3**
	9/12/2006	15	**7.74**	**78.0**
	9/12/2006	20	**7.83**	**71.2**
	9/12/2006	25	**8.21**	**64.1**
	9/12/2006	27.5	**7.25**	**70.6**
	9/12/2006	30	**7.97**	**73.3**
	9/12/2006	35	**8.20**	**74.3**
	9/12/2006	39.5	**7.65**	**66.6**
SB-5	10/24/2006	10	**5.63**	**56.9**
	10/26/2006	15	**9.56**	**76.1**
	10/26/2006	19.5	**27.3**	**66.4**
	10/26/2006	26	**14.0**	**65.5**
	10/26/2006	30	**8.30**	**105.0**
	10/26/2006	34	**16.1**	**76.7**
	10/26/2006	39.5	**7.92**	**75.1**
ESL's			**750**	**58**

Abbreviations/Notes:
Lead and Chromium analyzed using EPA Method 6010B
mg/kg = milligrams per kilogram.
ESLs = Regional Water Quality Control Board's Environmental Screening Levels for Deep Soils (>3 meters bgs) where groundwater is not considered a current or potential source of drinking water and land use is commercial/industrial.

ATTACHMENT A

Regulatory Correspondence

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

Certified Mail #: 7002 2030 0006 9574 1259
April 11, 2006

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

NOTICE OF RESPONSIBILITY

Case ID: **RO0002908**

Site Name & Address:
CHEVRON / MILLS SQUARE PARK
2259 First ST
LIVERMORE, CA 94550

Release Information:

Date First Reported	Substance	Code
12/28/05	***Gasoline-Automotive (motor gasoline and additives), leaded & unleaded***	8006619

Responsible Party:
MARK INGLIS
CHEVRON
6001 BOLLINGER CANYON RD K2256 PO BOX 6012
SAN RAMON, CA 94583-2324

Funding for Oversight:
LOPF *LOP Funding Fund*

Multiple RPs?: ***Yes***

Pursuant to sections 25297.1 and 25297.15 of the Health and Safety Code, you are hereby notified that the above site has been placed in the Local Oversight Program and the individual(s) or entity(ies) shown above, or on the attached list, has (have) been identified as the party(ies) responsible for investigation and cleanup of the above site. Section 25297.15 further requires the primary or active Responsible Party to notify all current record owners of fee title before the local agency considers cleanup or site closure proposals or issues a closure letter (Remedial Action Completion Certification). For purposes of implementing section 25297.15, this agency has identified CHEVRON as the primary or active Responsible Party. It is the responsibility of the primary or active Responsible Party to submit a letter to this agency, within 20 calendar days of receipt of this notice, which identifies all current record owners of fee title. It is also the responsibility of the primary or active Responsible Party to certify to the local agency that the required notifications have been made at the time a cleanup or site closure proposal is made or before the local agency makes a determination that no further action is required. If property ownership changes in the future, you must notify this local agency within 20 calendar days from when you are informed of the change.

Any action or inaction by this local agency associated with corrective action, including responsible party identification, is subject to petition to the State Water Resources Control Board. Petitions must be filed within 30 days from the date of the action/inaction. To obtain petition procedures, please FAX your request to the State Water Board at (916) 341-5808 or telephone (916) 341-5650.

Pursuant to section 25299.37(c)(7) of the Health and Safety Code, a responsible party may request the designation of an administering agency when required to conduct corrective action. Please contact this office for further information about the designation process.

Please contact your caseworker Jerry Wickham, at this office at (510) 567-6791 If you have questions regarding your site.

Date: 4/11/06

ARIU LEVI, Chief
Contract Project Director

Circle One: **Add Delete Change**
Reason: New Case

cc: Jenniffer Jordan, SWRCB
D. Drogos, J. Wickham

Report #6705

ALAMEDA COUNTY ENVIRONMENTAL HEALTH
LUFT LOCAL OVERSIGHT PROGRAM

MULTIPLE RESPONSIBLE PARTIES DATA SHEET

Site Name & Address

CHEVRON / MILLS SQUARE PARK
2259 First ST
LIVERMORE CA 94550
APN:

Record ID	RO0002908
Local Site	NA
RWQCB	
Global ID	
Caseworker	Jerry Wickham

Case Type **A** **Aquifer used for drinking water supply affected**

Substance Released (Only the first six released substances):

12/28/05 ***Gasoline-Automotive (motor gasoline and additives), leaded & unleaded***

Program Element	5602
Oversight Program	LUST
Oversight Funding	LOPF
Lead Agency	L - ALAMEDA COUNTY LOP

Case Status

Status		Begin	End
1	*Leak Confirmation*	9/20/05	9/20/05

All Responsible Parties:

RP has been named a Primary RP.
Owner Type: OP,TO,FFT

MARK INGLIS
CHEVRON
6001 BOLLINGER CANYON RD K2256 PO BOX 6012
SAN RAMON CA 94583-2324
(925) 842-1589

Owner Type: Property/Fee Title Owner

ROBERTO ESCOBAR
CITY OF LIVERMORE
1052 S LIVERMORE AVENUE
LIVERMORE CA 94550
(925) 960-4532

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	**ISSUE DATE:** July 5, 2005
	REVISION DATE: December 16, 2005
	PREVIOUS REVISIONS: October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	**SUBJECT:** Electronic Report Upload (ftp) Instructions

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as **a single portable document format (PDF) with no password protection**. (Please do not submit reports as attachments to electronic mail.)
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **must** be included and have either original or electronic signature.
- **Do not password protect the document.** Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
  RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in **Excel** format. These are for use by assigned Caseworker only.

Submission Instructions

1) Obtain User Name and Password:
   a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
      i) Send an e-mail to dehloptoxic@acgov.org
      or
      ii) Send a fax on company letterhead to (510) 337-9335, to the attention of Alicia Lam-Finneke.
   b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses**, and the **Case Numbers (RO# available in Geotracker) you will be posting for.**

2) Upload Files to the ftp Site
   a) Using Internet Explorer (IE4+), go to ftp://alcoftp1.acgov.org
      (i) Note: Netscape and Firefox browsers will not open the FTP site.
   b) Click on File, then on Login As.
   c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
   d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
   e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.

3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
   a). Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
   b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name at acgov.org. (e.g., firstname.lastname@acgov.org)
   c) The subject line of the e-mail must start with the RO# followed by **Report Upload.** (e.g., Subject: RO1234 Report Upload)

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

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

April 26, 2006

Mr. J. Mark Inglis
Chevron Environmental Management Company
6001 Bollinger Canyon Rd., K2256
P.O. Box 6012
San Ramon, CA 94583-2324

Facility Number 307-233
General Correspondences ☐
Service Reqs./Proposals ☐
Permits/Bonds ☐
Drawings/Photos/Notes ☐
Spill & Leak Reports ☐
Legal/Easements/Lic. ☐
Reports ☐

Ms. Chris Davidson
City of Livermore Economic Development
1052 S. Livermore Ave.
Livermore, CA 94550

Subject: Fuel Leak Case No. RO0002908, Miller Square Park, 2259 First Street, Livermore, CA 94550 – Request for Work Plan

Dear Mr. Inglis and Ms. Davidson:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above referenced site including the report entitled, "Environmental Sampling, Testing, and Evaluation of Soil," dated October 4, 2005, prepared on behalf of the City of Livermore by Consolidated Engineering Laboratories. The report summarizes the results from six soil samples collected on September 20, 2005 near a removed underground storage tank (UST). Odors observed during removal suggested that the former 1,000-gallon UST may have contained kerosene, stoddard solvent, or a petroleum compound. Total petroleum hydrocarbons (TPH) as gasoline were detected in the soil samples at concentrations up to 1,200 milligrams per kilogram (mg/kg) and TPH as diesel were detected at concentrations up to 4,100 mg/kg. (The October 4, 2005 report prepared on behalf of the City of Livermore by Consolidated Engineering reported the concentrations in different units than the laboratory analytical reports in the appendix of the report. The concentrations noted above correspond to the units used in the laboratory analytical reports in the appendix.)

Based on the concentrations of TPH detected in the soil, an investigation is required to assess the extent of soil contamination and determine if groundwater contamination is present beneath your site. We recommend that your investigation incorporate expedited site assessment techniques to collect soil samples and depth-discrete groundwater samples prior to the installation of groundwater monitoring wells. Other options for additional investigation or remediation may also be appropriate at your site.

Please submit a work plan detailing your proposal to define the extent of soil and groundwater contamination **by June 26, 2006**. This report is being requested pursuant to the Regional Water Quality Control Board's (Regional Board) authority under Section 13267 of the California Water Code.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **June 26, 2006** – Work Plan

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

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006,** the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at jerry.wickham@acgov.org.

PERJURY STATEMENT

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

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

LANDOWNER NOTIFICATION REQUIREMENTS

Pursuant to California Health & Safety Code Section 25297.15, the active or primary responsible party for a fuel leak case must inform all current property owners of the site of cleanup actions or requests for closure. Furthermore, ACEH may not consider any cleanup proposals or requests for case closure without assurance that this notification requirement has been met. Additionally, the active or primary responsible party is required to forward to ACEH a complete mailing list of all record fee title holders to the site. We have received your letter dated April 15, 2006, which meets this requirement.

In the future, for you to meet these requirements when submitting cleanup proposals or requests for case closure, ACEH requires that you:

1. Notify all current record owners of fee title to the site of any cleanup proposals or requests for case closure;
2. Submit a letter to ACEH which certifies that the notification requirement in 25297.15(a) of the Health and Safety Code has been met;
3. Forward to ACEH a copy of your complete mailing list of all record fee title holders to the site; and
4. Update your mailing list of all record fee title holders, and repeat the process outlined above prior to submittal of any additional *Corrective Action Plan* or your *Request for Case Closure.*

Your written certification to ACEH (Item 2 above) must state, at a minimum, the following:

A. In accordance with Section 25297.15(a) of the Health & Safety Code, I, (name of primary responsible party), certify that I have notified all responsible landowners of the enclosed proposed action. (Check space for applicable proposed action(s)):
___ cleanup proposal (Corrective Action Plan)
___ request for case closure
___ local agency intention to make a determination that no further action is required
___ local agency intention to issue a closure letter

- OR -

B. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that I am the sole landowner for the above site.

(Note: Complete Item A if there are multiple site landowners. If you are the sole site landowner, skip item A and complete Item B.)

UNDERGROUND STORAGE TANK CLEANUP FUND

Please be aware that you may be eligible for reimbursement of the costs of investigation from the California Underground Storage Tank Cleanup Fund (Fund). In some cases, a deductible amount may apply. If you believe you meet the eligibility requirements, we strongly encourage you to call the Fund for an application.

AGENCY OVERSIGHT

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

If you have any questions, please call me at (510) 567-6791.

Sincerely,

Jerry Wickham

Jerry Wickham, P.G.
Hazardous Materials Specialist

cc: Donna Drogos, ACEH
Jerry Wickham, ACEH
File

Laura

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

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

July 3, 2006

Mr. Satya Sinha
Chevron Environmental Management Company
6001 Bollinger Canyon Rd., K2256
San Ramon, CA 94583-2324

Ms. Chris Davidson
City of Livermore Economic Development
1052 S. Livermore Ave.
Livermore, CA 94550

Subject: Fuel Leak Case No. RO0002908, Miller Square Park, 2259 First Street, Livermore, CA 94550 – Work Plan Approval

Dear Mr. Sinha and Ms. Davidson:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above referenced site including the document entitled, "Site Investigation Workplan," dated June 26, 2006, prepared on behalf of Chevron by Cambria Environmental Technology, Inc. The work plan proposes the collection of soil samples at approximately 5-foot intervals, the groundwater interface, and all depths where hydrocarbon impact is observed, from four soil borings. We generally concur with the proposed scope of work provided that the additional investigation tasks discussed in the technical comments below are incorporated into the field investigation.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Geophysical Survey.** Prior to advancing the soil borings, we request that you conduct a geophysical survey that covers the former service station property to look for additional underground storage tanks (USTs) or product lines that were left in place. If additional potential features are identified during the geophysical survey, please submit a Work Plan Addendum that proposes additional investigation of the features.

2. **Soil Borings.** Based on the information submitted, the proposed locations of the four soil borings are acceptable. In addition to the laboratory analyses proposed for soils, please include analyses for cadmium, chromium, lead, nickel, and zinc for all soil samples.

3. **Groundwater Samples.** A grab groundwater sample is to be collected from first-encountered groundwater in each of the soil borings. The groundwater samples are to be collected by the placement of an appropriately screened sampling device that is capable of collecting a depth-discrete groundwater sample. If contamination is observed in first-

encountered groundwater, the borings are to be extended to collect additional depth-discrete groundwater samples below the contamination. The groundwater samples are to analyzed for total petroleum hydrocarbons as gasoline (TPHg), TPH as diesel, TPH as motor oil, benzene, toluene, ethylbenzene, xylenes, fuel oxygenates, 1,2-dicholorethane, ethylene dibromide, and chlorinated volatile organic compounds. These results are to be presented in the Site Investigation Report requested below.

4. **Tank Backfill.** Please confirm whether the stockpiled soils were placed back in the tank pit excavation. If the soils were disposed off-site, please identify the disposal locations and provide the manifests for the soil disposal. This information is to be presented in the Site Investigation Report requested below.

5. **Site Development Plans.** Please provide information on the proposed development of the site, including the proposed locations of buildings or other structures in the Site Investigation Report requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **October 20, 2006** – Site Investigation Report

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

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was

required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

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

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

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

AGENCY OVERSIGHT

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

If you have any questions, please call me at (510) 567-6791.

Sincerely,

Jerry Wickham, P.G.
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Matt Katen, QIC 80201
Zone 7 Water Agency
100 North Canyons Parkway
Livermore, CA 94551

Danielle Stefani
Livermore-Pleasanton Fire Department
3560 Nevada Street
Pleasanton, CA 9456

Laura Genin
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

ATTACHMENT B

Aerial Photographs

PACIFIC AERIAL SURVEYS

Image ID Number: AV329-05-12 Date of Photo: 04-16-59

(510) 632-2020 www.pacificaerial.com

PACIFIC AERIAL SURVEYS

Image ID Number: AV903-03-09 Date of Photo: 05-15-69

(510) 632-2020 www.pacificaerial.com

PACIFIC AERIAL SURVEYS

Image ID Number: AV1101-03-11 Date of Photo: 08-21-73

(510) 632-2020 www.pacificaerial.com

PACIFIC AERIAL SURVEYS

Image ID Number: AV1498-03-10 Date of Photo: 05-05-78

(510) 632-2020 www.pacificaerial.com

PACIFIC AERIAL SURVEYS

Image ID Number: AV2131-03-09 Date of Photo: 04-27-82

(510) 632-2020 www.pacificaerial.com

PACIFIC AERIAL SURVEYS

Image ID Number: AV2862-03-10 Date of Photo: 04-20-86

(510) 632-2020 www.pacificaerial.com

ATTACHMENT C

Permits

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

100 NORTH CANYONS PARKWAY, LIVERMORE, CA 94551 PHONE (925) 454-5000

August 1, 2006

AUG - 3 2006

Ms. Laura Genin
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608

Dear Ms. Genin:

Enclosed is drilling permit 26130 for a contamination investigation at 2259 First Street in Livermore for Chevron. Also enclosed is a current drilling permit application for your files. Drilling permit applications for future projects can also be downloaded from our web site at www.zone7water.com.

Please note that permit conditions A-2 and G requires that a report be submitted after completion of the work. The report should include drilling and completion logs, location sketch, permit number and any analysis of the soil and water samples. Please submit the original of your completion report. We will forward your submittal to the California Department of Water Resources.

If you have any questions, please contact me at extension 5056 or Matt Katen at extension 5071.

Sincerely,

Wyman Hong

Wyman Hong
Water Resources Specialist

Enc.

ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY, LIVERMORE, CALIFORNIA 94551 VOICE (925) 454-5000 FAX (925) 454-5728

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 2259 First Street Livermore CA

Californía Coordinates Source _____ ft .Accuracy _____ ft.
CCN _____ ft. CCE _____ ft.
APN 97-110-5-3

CLIENT
Name Chevron Env.
Address 6001 Bollinger Cnyn Phone 925-842-9876
City San Ramon Zip _____

APPLICANT
Name Laura Genin Cambria Env.
Fax 510-420-9170
Address 5900 Hollis St. Phone 510-420-3361
City Emeryville Zip 94608

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	••	General	••
Water Supply	••	Contamination	X
Monitoring	••	Well Destruction	••

PROPOSED WELL USE

New Domestic	••	Irrigation	••
Municipal	••	Remediation	••
Industrial	••	Groundwater Monitoring	••
Dewatering	••	Other	••••

DRILLING METHOD:

Mud Rotary	••	Air Rotary	••	Hollow Stem Auger	••
Cable Tool	••	Direct Push	X	Other	••••

DRILLING COMPANY Woodward
DRILLER'S LICENSE NO. 710079

WELL PROJECTS
Drill Hole Diameter _____ in. Maximum
Casing Diameter _____ in. Depth _____ ft.
Surface Seal Depth _____ ft. Number _____

SOIL BORINGS
Number of Borings 4 Maximum
Hole Diameter 3 in. Depth 40 ft.

ESTIMATED STARTING DATE 9.1.06
ESTIMATED COMPLETION DATE 10.30.06

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.
APPLICANT'S SIGNATURE Laura Genin Date 7.12.06

ATTACH SITE PLAN OR SKETCH

PERMIT NUMBER 26130
WELL NUMBER _____
APN 097-0110-005-03

PERMIT CONDITIONS

(Circled Permit Requirements Apply)

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
3. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
4. A sample port is required on the discharge pipe near the wellhead.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

(D.) GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

E. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION. See attached.

(G.) SPECIAL CONDITIONS. Submit to Zone 7 within 60 days after the completion of permitted work the well installation report including all soil and water laboratory analysis results.

Approved Wyman Hong Date 7/31/06
Wyman Hong

Revised: April 27, 2005

ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY, LIVERMORE, CALIFORNIA 94551 VOICE (925) 454-5000 FAX (925) 454-5728

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT_____

_____

_____

California Coordinates Source_____ Accuracy±_____ft.
CCN_____ft. CCE_____ft.
APN_____

CLIENT
Name_____
Address_____Phone_____
City _____Zip _____

APPLICANT
Name_____
_____Fax_____
Address_____Phone_____
City_____Zip _____

TYPE OF PROJECT:

Well Construction	☐	Geotechnical Investigation	☐
Well Destruction	☐	Contamination Investigation	☐
Cathodic Protection	☐	Other _____	☐

PROPOSED WELL USE:

Domestic	☐	Irrigation	☐
Municipal	☐	Remediation	☐
Industrial	☐	Groundwater Monitoring	☐
Dewatering	☐	Other _____	☐

DRILLING METHOD:

Mud Rotary	☐	Air Rotary	☐	Hollow Stem Auger	☐
Cable Tool	☐	Direct Push	☐	Other_____	☐

DRILLING COMPANY . _____
DRILLER'S LICENSE NO. _____

WELL SPECIFICATIONS:
Drill Hole Diameter_____ in. Maximum
Casing Diameter _____ in. Depth _____ft.
Surface Seal Depth _____ ft. Number _____

SOIL BORINGS:
Number of Borings _____ Maximum
Hole Diameter _____ in. Depth _____ ft.

ESTIMATED STARTING DATE _____
ESTIMATED COMPLETION DATE _____

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S
SIGNATURE _____Date_____

ATTACH SITE PLAN OR SKETCH

FOR OFFICE USE

PERMIT NUMBER _____
WELL NUMBER _____
APN_____

PERMIT CONDITIONS

Circled Permit Requirements Apply

A. GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal diameter is four inches greater than the well casing diameter.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
3. Grout placed by tremie.
4. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
5. A sample port is required on the discharge pipe near the wellhead.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
3. Grout placed by tremie.

D. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

E. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION. See attached.

G. SPECIAL CONDITIONS. Submit to Zone 7 within 60 days after completion of permitted work the well installation report **including all soil and water laboratory analysis results**.

Approved_____Date_____
Wyman Hong

ATTACHMENT D

Geophysical Investigation Report

NORCAL GEOPHYSICAL CONSULTANTS, INC.

September 7, 2006

Ms. Laura Genin
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608

Subject: Geophysical Investigation
Former Chevron Station #30-7233, 2259 First Street, Livermore, CA
NORCAL Job No. 06-462.33

Dear Ms. Genin:

This report presents the findings of the geophysical investigation performed by NORCAL Geophysical Consultants, Inc. at the subject property in Livermore, CA. The field survey was conducted on August 25 and 31, 2006 by NORCAL Geophysicist Donald J. Kirker and geophysical technician Travis Black. Logistical support was provided by Kamran Javandel of Cambria Environmental.

SITE DESCRIPTION AND PURPOSE

The geophysical investigation was conducted on a parcel of land located at the southeast corner of First Street and Livermore Avenue, as shown on Plate 1. The property is currently occupied by a public park, which consists of mounded grass covered areas and concrete walkways. It is bordered by sidewalks to the west and north, and buildings to the east and south. Metal park benches, light poles, and ground lights, are located within the park. Metal covered planters and utility vaults are located in the sidewalk along the west boundary.

Cambria Environmental indicates that the subject property was formerly occupied by a Chevron gas station (#30-7233). Cambria also states that underground storage tanks (USTs) were removed from this site. However, it is not known if all were removed. Therefore, the purpose of the geophysical investigation was to obtain subsurface information that will aid in determining if USTs exist within the designated limits of the survey area.

FIELD INVESTIGATION

Equipment

Our field investigation included the use of the vertical magnetic gradient (VMG), electromagnetic line locating/metal detection (EMLL), and ground penetrating radar (GPR) methods. The VMG method was used to identify the location of buried ferrous metal that may indicate the presence of a UST. The EMLL method was used to detect shallow subsurface metal objects such as utilities.

The GPR method was used to provide images that represent variations in the electrical properties of the shallow subsurface. These images may indicate possible locations and dimensions of USTs, buried objects, and fill boundaries. Descriptions of the VMG, EMLL, and GPR methods are provided in Appendix A.

Geophysical Surveys

Prior to proceeding with the geophysical investigation, we established a survey grid based on a rectangular coordinate system, using a fiberglass measuring tape to provide horizontal control. The limits of the respective survey area are shown on Plate 1.

VMG data were collected at five foot intervals (stations) along south-north trending traverses spaced five feet apart. Following data acquisition, we transferred the VMG data to a personal computer and created a VMG contour map. This map was analyzed to identify anomalies that may represent potential UST locations. We then obtained GPR data over these anomalies and in areas where the VMG could not be used along south-north trending traverses. These GPR records where examined for reflection patterns characteristic of USTs and other buried debris. In addition, the EMLL equipment was subsequently operated over each VMG anomaly, and over the remaining survey area.

RESULTS

The results of the geophysical investigation are presented on the Magnetic Gradient Contour and Geophysical Survey Maps, Plates 1 and 2, respectively. Plate 1 shows the limits of the geophysical survey, above ground site features, and the respective VMG contour map, which shows the variations in the vertical magnetic gradient throughout the site. Plate 2 shows the locations of detected subsurface features and utility alignments. Since a utility search was not the primary objective of this survey, there may be additional utilities that are not shown.

VMG Survey

The results of the VMG survey (Plate 1) indicate a highly variable magnetic gradient throughout the site. This is manifested by numerous contour closures along the north, south, and west borders, as well as in the center. Some of the closely spaced contours can be attributed to parked vehicles along Livermore Avenue and south-north trending utilities (not shown on Plate 1) associated with the utility vaults in the sidewalk. Others can be attributed with known above ground features such as the light poles, utility vaults, metal park benches, trash cans, and metal planter covers. Conversely, some of the contour closures cannot be associated with known above/below ground features. They are located in the southwest corner just south of the planter, in the center west of the park benches, and in the northwest corner over the sidewalk. These closures are considered anomalous and are probably the result of unknown subsurface objects. The magnitude, aerial

extent, and multi-polar nature of these anomalies are indicative of many objects, such as small USTs, buried reinforced concrete slabs, utilities, and/or other buried metal debris. Therefore, we further investigated each anomaly using the EMLL and GPR techniques.

EMLL and GPR Surveys

The results of the EMLL and GPR investigations are shown on the Geophysical Survey Map, Plate 2. These surveys defined the location of two suspect USTs, two buried reinforced concrete slabs, undifferentiated utilities, and water and electric lines associated with the present facility. The suspect USTs are located in the southwest corner and each measure approximately 5 by 7 feet. This suggests that they both have volumes of approximately 1,000 gallons. GPR data indicates that they are buried approximately three to four feet deep and are oriented at a slight angle with respect to the sidewalk and adjacent buildings.

The buried reinforced concrete slabs are located in the northwest and southwest corners. The slab in the northwest corner extends off site to the west, as shown on Plate 1. The slab to the southwest is located near the suspected USTs and measures approximately 14 by 30 feet. GPR data indicates that they are buried within six inches of the ground surface. The undifferentiated utilities were detected in the center of the property. They are considered undifferentiated because the specific type of utility (i.e. water, gas, etc.) could not be determined. Both lines are truncated and may represent isolated portions of utilities associated with the former gas station.

The water line is located along the west boundary and trends from First Street to water vaults in the northwest and southwest corners. The electric lines trend from the west sidewalk to various planters, light poles, and surface lights.

Limitations

No other subsurface objects, that could be interpreted as representing possible USTs, were defined within the limits of the survey. However, it should be noted that the grass covered mounds increase the surface elevations in some areas by two to three feet over the original surface of the gas station. This increase in elevation effectively decreases the depth of detection of our equipment relative to the former facilities. Therefore, not all subsurface objects associated with the former gas station may be detectable.

Also, there are general limitations unique to the geophysical methods used for this investigation. For example, USTs may be buried deeper than the detection capabilities of the geophysical method. There may be a lack of contrast in physical properties between native soils and buried objects. Above or below ground cultural features, such as utilities, and debris, may cause interference that limits or masks the detection of a nearby buried UST. Since the accuracy of our findings is subject to these limitations, it should be noted that not all USTs and buried objects or features can be detected or characterized by the geophysical techniques used for this investigation.

STANDARD CARE AND WARRANTY

The scope of NORCAL's services for this project consisted of using geophysical methods to characterize the shallow subsurface. The accuracy of our findings is subject to specific site conditions and limitations inherent to the techniques used. We performed our services in a manner consistent with the standard of care ordinarily exercised by members of the profession currently employing similar methods. No warranty, with respect to the performance of services or products delivered under this agreement, expressed or implied, is made by NORCAL.

Respectfully,

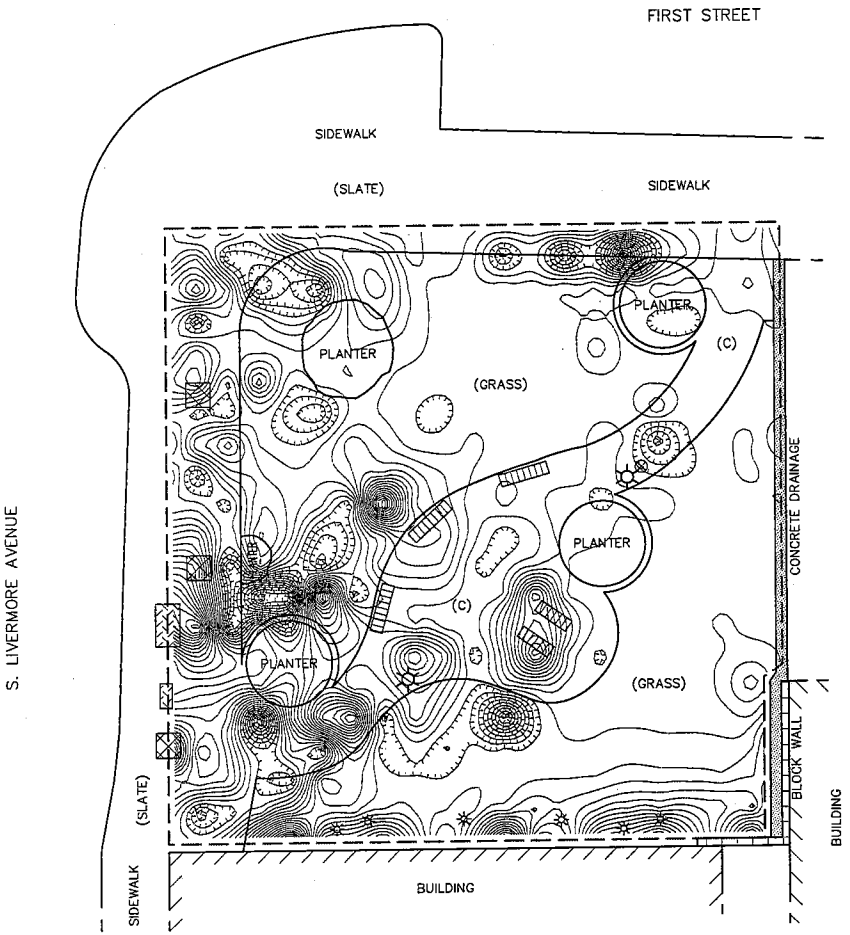
NORCAL Geophysical Consultants, Inc.

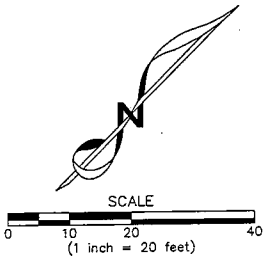
Donald J. Kirker

Donald J. Kirker
Geophysicist, GP-997

DJK/tt

Enclosure: Plates 1 and 2
Appendix A GEOPHYSICAL METHODS





LEGEND	
— — —	LIMITS OF VERTICAL MAGNETIC GRADIENT SURVEY
—c—	VERTICAL MAGNETIC GRADIENT CONTOUR (CONTOUR INTERVAL = 200 nT/m)
✳	LANDSCAPE LIGHT
☼	LIGHT POLE
▭	METAL PARK BENCH
⊠	METAL PLANTER COVER
⊗	METAL TRASH CAN
▨	UTILITY VAULT
(C)	CONCRETE

NORCAL

VERTICAL MAGNETIC GRADIENT CONTOUR MAP
FORMER CHEVRON 30-7233
2259 FIRST STREET

LOCATION: LIVERMORE, CALIFORNIA

CLIENT: CAMBRIA

NORCAL GEOPHYSICAL CONSULTANTS INC.

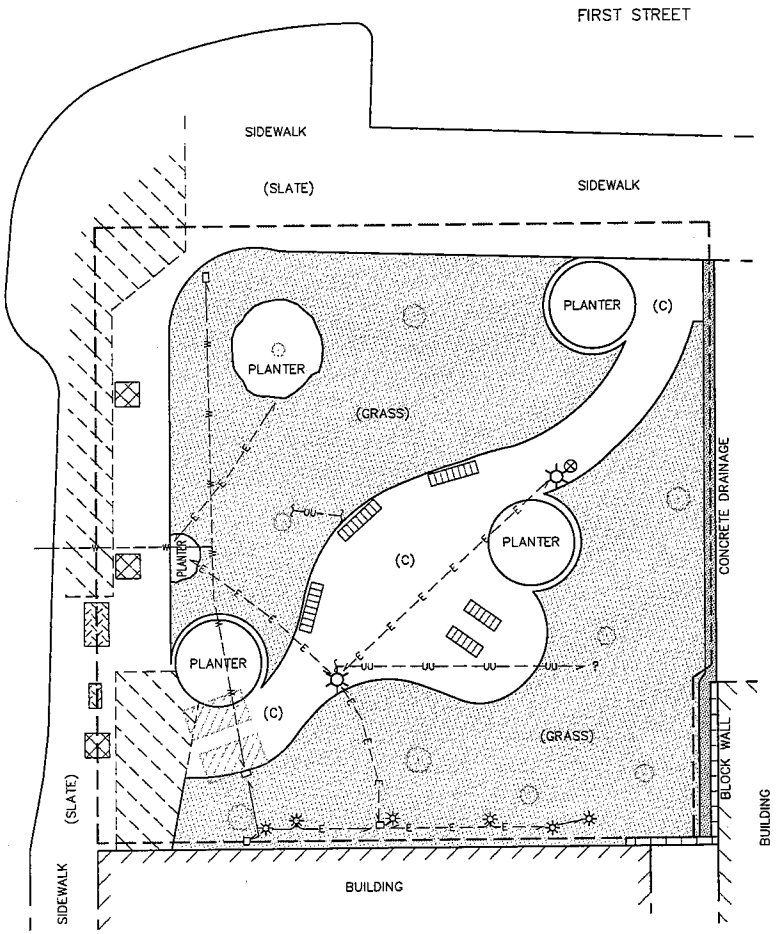
JOB #: 06-462.33

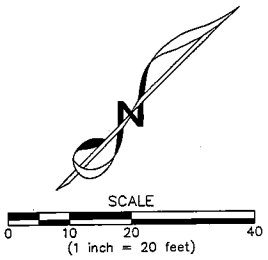
DATE: SEP. 2006

DRAWN BY: G.RANDALL

APPROVED BY: DJK

PLATE 1





LEGEND	
	LIMITS OF GEOPHYSICAL SURVEY
E	ELECTRIC LINE
UU	UNDIFFERENTIATED UTILITY LINE
W	WATER LINE
	SUSPECTED UST
	SUSPECTED BURIED REINFORCED CONCRETE SLAB
	LANDSCAPE LIGHT
	LIGHT POLE
	METAL PARK BENCH
	METAL PLANTER COVER
	METAL TRASH CAN
	TREE
	UTILITY BOX
	UTILITY VAULT
(C)	CONCRETE

NORCAL

GEOPHYSICAL SURVEY MAP
FORMER CHEVRON 30-7233
2259 FIRST STREET

LOCATION: LIVERMORE, CALIFORNIA

CLIENT: CAMBRIA

NORCAL GEOPHYSICAL CONSULTANTS INC.

JOB #: 06-462.33

DATE: SEP. 2006

DRAWN BY: G.RANDALL

APPROVED BY: DJK

PLATE 2

Appendix A

GEOPHYSICAL METHODOLOGY

Appendix A

VERTICAL MAGNETIC GRADIENT

Methodology

Vertical magnetic gradient surveys are used to determine the presence of buried ferrous objects. A magnetic gradiometer measures the vertical gradient of the earth's magnetic field. It consists of two total field magnetic sensors separated vertically by one-half meter. The magnetic field strength is measured simultaneously at both of these sensors. The difference in magnetic intensity between these measurements is proportional to the vertical gradient of the earth's magnetic field. Because the vertical gradient is constant with respect to time, the effect of diurnal variations is eliminated. Therefore, a gradiometer provides higher sensitivity and better resolution of near surface sources than total field magnetometers. Areas with significant amounts of buried metal typically produce anomalously steep magnetic gradients. Since it is sensitive to ferrous metal sources both above and below ground, site and vicinity surface conditions can affect survey results.

We typically use a Geometrics G-858 cesium vapor magnetometer to obtain vertical magnetic gradient data. This instrument features a built-in memory that stores the vertical magnetic gradient and survey grid information. The information can be down loaded to a computer for further processing.

Data Analysis

Computer Processing

The VMG data are down loaded to a lap-top computer and converted it into a format for contouring. The contouring program (SURFER Version 8.0 by Golden Software) calculates an evenly spaced array of values (grid) based on the observed field data. Finally, these gridded values are contoured to produce a VMG contour map.

Contour Map Interpretation

The VMG contour map illustrates the variations in the vertical magnetic gradient across the site. Areas without below or above ground ferrous metal are characterized by very low magnetic gradients. In these areas, there are very few contours. In areas with above or below ground ferrous metal, the magnetic gradient is relatively steep. These areas are characterized by numerous closely spaced contours and are considered anomalous. If the source of the anomaly is linear (e.g. underground utilities or fence lines), then the contours tend to be parallel and evenly distributed. If the source of the anomaly is localized (e.g. sign post, buried drum, etc.), then the contours tend to form circular or elliptical closures proportional to the size of the object. The larger the object and the closer it is to the magnetometer, the denser the concentrations of contours. Magnetic anomalies that cannot be attributed to above ground objects (fences, vehicles, buildings, etc.) are probably caused by buried objects.

USTs are often characterized by circular to elliptical contour closures. These closures have magnitudes ranging from several hundred to several thousand nano-Tesla per meter (nT/m) depending on the size and depth of the tank. If the UST is cylindrical and lying horizontally, it will often produce a bi-polar VMG anomaly. This consists of two adjacent contour closures. One has VMG values that increase towards the center of the closure and is referred to as a positive lobe. The second has VMG values that decrease towards the center of the closure and is referred to as a negative lobe. Typically, the positive lobe is situated directly above the UST and the negative lobe is to the north of the UST. Utilities and scattered metal debris, on the other hand, are generally characterized by single circular or irregular shaped negative lobes, or a group of alternating positive and negative lobes (closures). These closures typically have magnitudes ranging from less than fifty to several hundred nano-Tesla per meter (nT/m) depending on the size, depth, and amount of utilities and debris in a given area.

Limitations

Below ground metal ferrous objects produce localized variations in the earth's magnetic field. The magnetic intensity associated with buried metal depends on the mass of the metal and the distance the metal object is from the magnetometer sensor. As the distance between the object and the magnetometer sensor increases, the intensity of the associated field decreases, thereby making detection more difficult. In addition, the ability to detect a buried metal object is based on the intensity of these variations versus the intensity of the background variations. Background variations can be caused by other nearby above or below ground metallic sources. Cultural features such as chain link fences, buildings, debris, railroad spurs, utilities, above ground electric lines, etc. typically produce numerous magnetic variations with high intensities. These variations may mask effects from buried metal objects, or make it very difficult to determine whether the magnetic variations are associated with below ground metal or above/below ground cultural features.

ELECTROMAGNETIC LINE LOCATION/METAL DETECTION (EMLL)

Methodology

Electromagnetic line location techniques are used to locate the magnetic field resulting from an electric current flowing on a line. These magnetic fields can arise from currents already on the line (passive) or currents applied to a line with a transmitter (active). The most common passive signals are generated by live electric lines and re-radiated radio signals. Active signals can be introduced by connecting the transmitter to the line at accessible locations or by induction.

The detection of underground utilities is affected by the composition and construction of the line in question. Utilities detectable with standard line location techniques include any continuously connected metal pipes, cables/wires or utilities with tracer wires. Unless the utilities carry a passive current, they must be exposed at the surface or in accessible utility vaults. These generally include water, electric, natural gas, telephone, and other conduits related to facility operations. Utilities that are not detectable using standard electromagnetic line location techniques include those made of non-electrically conductive materials such as PVC, fiberglass, vitrified clay, and pipes with insulated connections.

Buried objects can also be detected, without direct contact, by using the induction mode. This is used to detect buried near surface metal objects such as rebar, manhole covers, USTs, and various metallic debris. The induction mode is used by holding the transmitter-receiver unit above the ground and continuously scanning the surface. The unit utilizes two orthogonal coils that are separated by a specified distance. One of the coils transmits an electromagnetic signal (primary magnetic field) which in turn produces a secondary magnetic field about the subsurface metal object. Since the receiver coil is orthogonal to the transmitter coil, it is unaffected by the primary field. Therefore, the secondary magnetic fields produced by buried metal object will generate an audible response from the unit. The peak of this response indicates when the unit is directly over the metal object.

The instrumentation typically used for the EMLL survey consists of a Radio Detection RD-400 and a Fisher TW-6 inductive pipe and cable locator.

Data Analysis

The EMLL instrumentation indicates the presence of buried metal by emitting an audible tone; there are no recorded data to analyze. Therefore, the locations of buried objects detected with the EMLL method are marked on the ground surface during the survey.

Limitations

The detection of underground utilities is dependent upon the composition and construction of the line of interest, as well as depth. Utilities detectable with standard line location techniques include any continuously connected metal pipes, cables/wires or utilities with tracer wires. Unless carrying a passive current these utilities must be exposed at the surface or accessible in an utility vaults. These generally include water, electric, natural gas, telephone, and other conduits related to facility operations. Utilities that may not be detectable using standard electromagnetic line location techniques include certain abandoned utilities, utilities not exposed at the ground surface, or those made of non-electrically conductive materials such as PVC, fiberglass, vitrified clay, and metal pipes with insulating joints. Pipes generally deeper than about five to seven feet may not be detected.

GROUND PENETRATING RADAR (GPR)

Methodology

Ground penetrating radar is a method that provides a continuous, high resolution cross-section depicting variations in the electrical properties of the shallow subsurface. The method is particularly sensitive to variations in electrical conductivity and electrical permittivity (the ability of a material to hold a charge when an electrical field is applied).

The GPR system operates by radiating electromagnetic pulses into the ground from a transducer (antenna) as it is moved along a traverse. Since most earth materials are transparent to electromagnetic energy, the signal spreads downward into the subsurface. However, when the signal encounters a variation in electrical permittivity, a portion of the electromagnetic energy is reflected back to the surface. When the signal encounters a metal object, all of the incident energy is reflected. The reflected signals are received by the same transducer and are printed in cross-section form on a graphical recorder. Changes in subsurface reflection character on the GPR records can provide information regarding the location of USTs, sumps, buried debris, underground utilities, and variations in the shallow stratigraphy.

The GPR system typically used is a Geophysical Survey Systems, Inc. SIR-2000 Subsurface Interface Radar Systems equipped with a 500 megahertz (MHz) transducer. This transducer is near the center of the available frequency range and is used to provide high resolution at shallow depths.

Data Analysis

GPR records are examined to identify reflection patterns characteristic of USTs, utilities, and other buried debris. Typically, USTs are manifested by broad localized hyperbolic (upside-down "U" shape) reflection patterns that vary in intensity. The intensity of a reflection pattern is usually dependent upon the condition of the respective UST, its burial depth, and the type of fill over the UST. Utilities and other buried debris are typically manifested by narrow localized hyperbolic reflections that also vary in intensity.

Limitations

The ability to detect subsurface targets is dependent on site specific conditions. These conditions include depth of burial, the size or diameter of the target, the condition of the specific target in question, the type of backfill material associated with the target, and the surface conditions over the target. Under ideal conditions, the GPR can generally detect objects buried to approximately six feet. However, as the clay content in the subsurface increases, the GPR depth of detection decreases. Therefore, it is possible that on-site soil conditions and target features may limit the depth of detection to the upper one to two feet below ground surface.

ATTACHMENT E

Boring Logs

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

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	SB-1
JOB/SITE NAME	30-7233	**DRILLING STARTED**	23-Oct-06
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	26-Oct-06
PROJECT NUMBER	31J-2264	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 3/8"	**SCREENED INTERVAL**	24 to 39 fbg
LOGGED BY	J. Williams and S. McNaboe	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	R. Foss, PG #7445	**DEPTH TO WATER (Static)**	NA ▼

REMARKS Cleared by air-knife-assisted vaccum truck to 8 feet below grade

PID (ppm)	BLOW COUNTS	SAMPLE ID	DEPTH (ft bgs)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)
			5	SM	**Silty SAND with gravel** : Brown; dry; 70% sand, 20% silt, 10% gravel; non-plastic, high estimated permeability.	
0		SB-1-10	10			12.0
				GM	**Silty GRAVEL** : Brown; dry; 65% gravel, 35% silt; non-plastic; high estimated permeability.	14.0
118		SB-1-15	15	MH	**Clayey SILT** : Brown; dry; 60% silt, 40% clay; low to moderate estimated plasticity; low estimated permeability.	16.0
				CL	**Silty CLAY** : Gray; dry; 60% clay, 40% silt; low to moderate estimated plasticity; low estimated permeability.	19.0
			20	GM	**Silty GRAVEL** : Gray; moist; 70% gravel, 20% silt, 10% sand; non-plastic; moderate to high estimated permeability.	
570		SB-1-22				25.0
			25	ML	**SILT** : Gray; moist; 100% silt; moderate estimated plasticity; low estimated permeability.	
286		SB-1-26	30			31.5
947		SB-1-32		SM	**Silty SAND** : Brown; moist; 60% sand, 40% silt; low estimated plasticity; moderate estimated permeavility.	33.5
			35	ML	**SILT** : Light Brown; moist; 100% silt; moderate estimated plasticity; low estimated permeability.	
778		SB-1-35.5				
1133		SB-1-39.5	40			40.0

WELL DIAGRAM: ◄ Portland Type I/II

Bottom of Boring @ 40 ft

WELL LOG (PID CNDTR) I:\307233-1\SITE\N-1\30-7233 BORING LOGS 10.06.GPJ DEFAULT.GDT 12/21/06

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

BORING/WELL LOG

CLIENT NAME Chevron Environmental Management Company
JOB/SITE NAME 30-7233
LOCATION 2259 First Street, Livermore, California
PROJECT NUMBER 31J-2264
DRILLER Woodward Drilling Co., C57 #710079
DRILLING METHOD Hydraulic push
BORING DIAMETER 2 3/8"
LOGGED BY J. WIlliams
REVIEWED BY R. Foss, PG #7445

BORING/WELL NAME SB-2
DRILLING STARTED 23-Oct-06
DRILLING COMPLETED 23-Oct-06
WELL DEVELOPMENT DATE (YIELD) NA
GROUND SURFACE ELEVATION Not Surveyed
TOP OF CASING ELEVATION NA
SCREENED INTERVAL 24 to 39 fbg
DEPTH TO WATER (First Encountered) NA
DEPTH TO WATER (Static) NA

REMARKS Cleared by air-knife-assisted vaccum truck to 8 feet below grade

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
					SM		**Silty SAND with gravel** : Brown; dry; 70% sand; 20% silt; 10% gravel; non-plastic; medium estimated permeability.	3.0	Bottom of Boring @ 3 ft

WELL LOG (PID CNDTR) I:\307233-1\SITEIN~1\30-7233 BORING LOGS 10.06.GPJ DEFAULT.GDT 12/21/06

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

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	SB-3
JOB/SITE NAME	30-7233	**DRILLING STARTED**	23-Oct-06
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	23-Oct-06
PROJECT NUMBER	31J-2264	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 3/8"	**SCREENED INTERVAL**	24 to 39 fbg
LOGGED BY	J. Williams	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	R. Foss, PG #7445	**DEPTH TO WATER (Static)**	NA ▼

REMARKS Cleared by air-knife-assisted vaccum truck to 8 feet below grade

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
0		SB3-5		5	SM		**Silty SAND with gravel** : Brown; damp; 70% sand, 20% silt, 10% gravel; non-plastic; medium estimated permeability.		
0		SB3-10		10					
189		SB3-15		15			**Clayey SILT** : Brown; moist; 75% silt, 20% clay, 5% sand; high estimated plasticity; low estimated permeability.	14.0	
299		SB3-21		20			@ 19 fbg - change in composition to 70% silt, 30% clay.		◄ Portland Type I/II Cement
1777		SB3-25		25	ML		@ 21 fbg - color change to gray/brown; change in composition to 50% silt, 45% sand, 5% gravel; change to low estimated plasticity. @ 23.5 fbg - color change to gray; change in composition to 70% silt, 30% clay; change to high estimated plasticity.		
1650		SB3-30		30			@ 28.5 fbg - color change to brown with mottled black streaks; change in composition to 60% silt, 40% clay.		
120		SB3-35		35					
402		SB3-39.5		40				40.0	Bottom of Boring @ 40 ft

WELL LOG (PID CNDTR) I:\307233-1\SITEIN~1\130-7233 BORING LOGS 10.06.GPJ DEFAULT.GDT 12/21/06

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

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	SB-4
JOB/SITE NAME	30-7233	**DRILLING STARTED**	11-Sep-06
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	12-Sep-06
PROJECT NUMBER	31J-2264	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 3/8"	**SCREENED INTERVAL**	24 to 39 fbg
LOGGED BY	J. Williams	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	R. Foss, PG #7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Cleared by air-knife-assisted vaccum truck to 8 feet below grade		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
				5	SM		**Clayey SAND with gravel** : Brown; damp; 70% sand, 20% clay, 10% gravel; non-plastic; medium estimated permeability.		
0		SB4-1 0		10					
					GW		@ 11.5 fbg - color change to gray; change in composition to 75% sand, 15% silt, 5% clay, 5% gravel. **Gravely SAND** : Brown; damp; 55% sand, 20% gravel, 15% silt, 10% clay; non-plastic; medium to high estimated permeability.	12.0	
347		SB4-1 5		15			**Clayey SILT** : Brown; moist; 60% silt, 40% clay; high estimated plasticity; low estimated permeability.	15.0	
					ML				
9		SB4-2 0		20					Portland Type I/II Cement
					SM		**Silty SAND with clay** : Gray/brown; moist; 45% sand, 35% silt, 20% clay; moderate estimated plasticity; low estimated permeability.	22.0 23.0	
76		SB4-2 5		25			**Silty CLAY** : Brown; moist; 60% clay, 40% silt; high estimated plasticity, low estimated permeability.		
825		SB4-2 7.5							
50		SB4-3 0		30					
					CL				
							@ 33 fbg - color change to gray; change in composition to 50% clay, 35% silt, 15% sand.		
211		SB4-3 5		35					
55		SB4-3 9.5		40				40.0	Bottom of Boring @ 40 ft

WELL LOG (PID CNDTR) I:\307233-1\SITEIN~1\30-7233 BORING LOGS 10.06.GPJ DEFAULT.GDT 12/21/06

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

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	SB-5
JOB/SITE NAME	30-7233	**DRILLING STARTED**	23-Oct-06
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	26-Oct-06
PROJECT NUMBER	31J-2264	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co., C57 #710079	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2 3/8"	**SCREENED INTERVAL**	24 to 39 fbg
LOGGED BY	J. Williams and S. McNaboe	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	R. Foss, PG #7445	**DEPTH TO WATER (Static)**	NA ▼

REMARKS Cleared by air-knife-assisted vaccum truck to 8 feet below grade

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
				5	SM		**Silty SAND with gravel** : Brown; damp; 70% sand, 20% silt, 10% gravel; non-plastic; high estimated permeability.		
0		SB5-1 0		10				12.0	
					ML		**Graveley SILT with clay** : Brown; damp; 60% silt, 25% gravel, 15% clay; moderate estimated plasticity; moderate estimated permeabiltiy.	13.0	
0		SB5-1 5		15	ML		**Clayey SILT** : Brown; dry; 70% silt, 30% clay; moderate estimated plasticity; low estimated permeability.	17.5	
2		SB5-1 9.5		20	SM		**Silty SAND** : Gray; moist; 60% sand, 40% silt; low estimated plasticity; moderate estimated permeability.		Portland Type I/II Cement
					SW		**Sandy GRAVEL with silt** : Gray; dry; 50% gravel, 25% sand, 15% silt, 10% clay; non-plastic; high estimated permeability.	21.5	
767		SB5-2 6		25			**Gravelly Clayey SILT** : Gray; moist; 45% silt, 30% clay, 25% gravel; moderate estimated plasticity; low estimated permeability.	24.8	
873		SB5-3 0		30	ML				
853		SB5-3 4		35			@ 32.5 fbg - color change to brown; change in composition to 60% silt, 40% clay. @ 33.25 fbg - change in composition to 60% silt, 20% clay, 20% gravel. @ 36 fbg - change in composition to 60% silt, 40% clay.		
1129		SB5-3 9.5		40				40.0	Bottom of Boring @ 40 ft

WELL LOG (PID CNDTR) I:\307233-1\SITEIN~1\30-7233 BORING LOGS 10.06.GPJ DEFAULT.GDT 12/21/06

ATTACHMENT F

Laboratory Analytic Reports

Lancaster Laboratories

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

Analysis Report

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 1011945. Samples arrived at the laboratory on Saturday, October 28, 2006. The PO# for this group is 0015009981 and the release number is SINHA.

Client Description			Lancaster Labs Number
SB-5-S-15-061026	Grab	Soil	4902349
SB-5-S-19.5-061026	Grab	Soil	4902350
SB-5-S-26-061026	Grab	Soil	4902351
SB-5-S-30-061026	Grab	Soil	4902352
SB-5-S-34-061026	Grab	Soil	4902353
SB-5-S-39.5-061026	Grab	Soil	4902354
SB-1-S-10-061026	Grab	Soil	4902355
SB-1-S-15-061026	Grab	Soil	4902356
SB-1-S-22-061026	Grab	Soil	4902357
SB-1-S-26-061026	Grab	Soil	4902358
SB-1-S-32-061026	Grab	Soil	4902359
SB-1-S-35.5-061026	Grab	Soil	4902360
SB-1-S-39.5-061026	Grab	Soil	4902361

ELECTRONIC COPY TO	Cambria	Attn: Laura Genin
ELECTRONIC COPY TO	Cambria Environmental	Attn: Kamran Javandel

Lancaster Laboratories

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Analysis Report

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

Respectfully Submitted,

Melissa A McDermott

Melissa A. McDermott
Senior Chemist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4902349

SB-5-S-15-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-5
Collected:10/26/2006 09:11 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL515

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	N.D.	10.	mg/kg	1
00159	Mercury	7439-97-6	0.104	0.010	mg/kg	1
06925	Thallium	7440-28-0	2.42	1.28	mg/kg	1
06935	Arsenic	7440-38-2	6.56	0.877	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.941	mg/kg	1
06944	Antimony	7440-36-0	N.D.	0.868	mg/kg	1
06946	Barium	7440-39-3	190.	0.0221	mg/kg	1
06947	Beryllium	7440-41-7	0.484	0.0654	mg/kg	1
06949	Cadmium	7440-43-9	N.D.	0.0625	mg/kg	1
06951	Chromium	7440-47-3	76.1	0.561	mg/kg	1
06952	Cobalt	7440-48-4	20.4	0.125	mg/kg	1
06953	Copper	7440-50-8	44.4	0.180	mg/kg	1
06955	Lead	7439-92-1	9.56	0.424	mg/kg	1
06960	Molybdenum	7439-98-7	0.589	0.394	mg/kg	1
06961	Nickel	7440-02-0	220.	0.583	mg/kg	1
06966	Silver	7440-22-4	0.431	0.163	mg/kg	1
06971	Vanadium	7440-62-2	38.2	0.154	mg/kg	1
06972	Zinc	7440-66-6	57.4	0.630	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	10.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	10.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
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

Lancaster Laboratories Sample No. SW 4902349

SB-5-S-15-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-5
Collected:10/26/2006 09:11 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL515

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	10/31/2006 01:54	Linda C Pape	25
05547	TPH - DRO (Soils)	SW-846 8015B	1	11/07/2006 17:09	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	11/01/2006 10:25	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	11/01/2006 12:56	Eric L Eby	1
06935	Arsenic	SW-846 6010B	1	11/01/2006 12:56	Eric L Eby	1
06936	Selenium	SW-846 6010B	1	11/01/2006 12:56	Eric L Eby	1
06944	Antimony	SW-846 6010B	1	11/01/2006 12:56	Eric L Eby	1
06946	Barium	SW-846 6010B	1	11/01/2006 12:56	Eric L Eby	1
06947	Beryllium	SW-846 6010B	1	11/01/2006 12:56	Eric L Eby	1
06949	Cadmium	SW-846 6010B	1	11/01/2006 12:56	Eric L Eby	1
06951	Chromium	SW-846 6010B	1	11/01/2006 12:56	Eric L Eby	1
06952	Cobalt	SW-846 6010B	1	11/01/2006 12:56	Eric L Eby	1
06953	Copper	SW-846 6010B	1	11/02/2006 06:39	Eric L Eby	1
06955	Lead	SW-846 6010B	1	11/01/2006 12:56	Eric L Eby	1
06960	Molybdenum	SW-846 6010B	1	11/01/2006 12:56	Eric L Eby	1
06961	Nickel	SW-846 6010B	1	11/01/2006 12:56	Eric L Eby	1
06966	Silver	SW-846 6010B	1	11/01/2006 12:56	Eric L Eby	1
06971	Vanadium	SW-846 6010B	1	11/01/2006 12:56	Eric L Eby	1
06972	Zinc	SW-846 6010B	1	11/01/2006 12:56	Eric L Eby	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	11/04/2006 12:08	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/01/2006 23:21	Stephanie A Selis	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	11/01/2006 22:46	Stephanie A Selis	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	10/30/2006 00:32	Jesse L Mertz	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	10/31/2006 20:10	Annamaria Stipkovits	1
05708	SW SW846 ICP Digest	SW-846 3050B	2	11/01/2006 18:50	Annamaria Stipkovits	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	10/31/2006 23:00	Annamaria Stipkovits	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	11/03/2006 09:00	Denise L Trimby	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4902349

SB-5-S-15-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-5
Collected:10/26/2006 09:11 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL515

07024	DRO Alternate Soil Extraction	SW-846 3550B	1	11/04/2006 11:30	Sally L Appleyard	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4902350

SB-5-S-19.5-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-5
Collected:10/26/2006 09:25 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL519

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	27.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	700.	20.	mg/kg	2
00159	Mercury	7439-97-6	0.0413	0.0101	mg/kg	1
06925	Thallium	7440-28-0	2.02	1.29	mg/kg	1
06935	Arsenic	7440-38-2	3.71	0.885	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.950	mg/kg	1
06944	Antimony	7440-36-0	1.55	0.877	mg/kg	1
06946	Barium	7440-39-3	141.	0.0223	mg/kg	1
06947	Beryllium	7440-41-7	0.239	0.0660	mg/kg	1
06949	Cadmium	7440-43-9	0.248	0.0631	mg/kg	1
06951	Chromium	7440-47-3	66.4	0.566	mg/kg	1
06952	Cobalt	7440-48-4	20.9	0.126	mg/kg	1
06953	Copper	7440-50-8	29.9	0.175	mg/kg	1
06955	Lead	7439-92-1	27.3	0.428	mg/kg	1
06960	Molybdenum	7439-98-7	N.D.	0.398	mg/kg	1
06961	Nickel	7440-02-0	208.	0.588	mg/kg	1
06966	Silver	7440-22-4	0.206	0.165	mg/kg	1
06971	Vanadium	7440-62-2	31.6	0.155	mg/kg	1
06972	Zinc	7440-66-6	51.3	0.636	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	560.	100.	mg/kg	10
02552	TPH Motor Oil C16-C36	n.a.	560.	100.	mg/kg	10
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
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

Lancaster Laboratories Sample No. SW 4902350

SB-5-S-19.5-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-5
Collected:10/26/2006 09:25 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL519

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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	0.001	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	10/31/2006 02:35	Linda C Pape	25
05547	TPH - DRO (Soils)	SW-846 8015B	1	11/08/2006 13:54	Tracy A Cole	2
00159	Mercury	SW-846 7471A	1	11/01/2006 10:26	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	11/03/2006 03:15	Eric L Eby	1
06935	Arsenic	SW-846 6010B	1	11/01/2006 10:14	Joanne M Gates	1
06936	Selenium	SW-846 6010B	1	11/01/2006 10:14	Joanne M Gates	1
06944	Antimony	SW-846 6010B	1	11/01/2006 10:14	Joanne M Gates	1
06946	Barium	SW-846 6010B	1	11/01/2006 10:14	Joanne M Gates	1
06947	Beryllium	SW-846 6010B	1	11/01/2006 10:14	Joanne M Gates	1
06949	Cadmium	SW-846 6010B	1	11/01/2006 10:14	Joanne M Gates	1
06951	Chromium	SW-846 6010B	1	11/02/2006 04:59	Eric L Eby	1
06952	Cobalt	SW-846 6010B	1	11/01/2006 10:14	Joanne M Gates	1
06953	Copper	SW-846 6010B	1	11/01/2006 10:14	Joanne M Gates	1
06955	Lead	SW-846 6010B	1	11/01/2006 10:14	Joanne M Gates	1
06960	Molybdenum	SW-846 6010B	1	11/01/2006 10:14	Joanne M Gates	1
06961	Nickel	SW-846 6010B	1	11/01/2006 10:14	Joanne M Gates	1
06966	Silver	SW-846 6010B	1	11/01/2006 10:14	Joanne M Gates	1
06971	Vanadium	SW-846 6010B	1	11/01/2006 10:14	Joanne M Gates	1
06972	Zinc	SW-846 6010B	1	11/02/2006 04:59	Eric L Eby	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	11/06/2006 03:50	Matthew E Barton	10
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/01/2006 17:42	Emiley A King	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	11/01/2006 13:44	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	10/30/2006 00:38	Jesse L Mertz	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	10/31/2006 19:10	Annamaria Stipkovits	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	10/31/2006 23:00	Annamaria Stipkovits	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	11/03/2006 09:00	Denise L Trimby	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	11/04/2006 11:30	Sally L Appleyard	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4902350

SB-5-S-19.5-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-5
Collected:10/26/2006 09:25 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL519

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4902351

SB-5-S-26-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-5
Collected:10/26/2006 09:45 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL526

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	1,100.	200.	mg/kg	5000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	620.	10.	mg/kg	1
00159	Mercury	7439-97-6	0.0875	0.010	mg/kg	1
06925	Thallium	7440-28-0	2.49	1.33	mg/kg	1
06935	Arsenic	7440-38-2	4.73	0.912	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.979	mg/kg	1
06944	Antimony	7440-36-0	2.13	0.903	mg/kg	1
06946	Barium	7440-39-3	184.	0.0230	mg/kg	1
06947	Beryllium	7440-41-7	0.318	0.0680	mg/kg	1
06949	Cadmium	7440-43-9	0.236	0.0650	mg/kg	1
06951	Chromium	7440-47-3	65.5	0.583	mg/kg	1
06952	Cobalt	7440-48-4	15.0	0.130	mg/kg	1
06953	Copper	7440-50-8	33.6	0.180	mg/kg	1
06955	Lead	7439-92-1	14.0	0.441	mg/kg	1
06960	Molybdenum	7439-98-7	N.D.	0.410	mg/kg	1
06961	Nickel	7440-02-0	131.	0.606	mg/kg	1
06966	Silver	7440-22-4	0.189	0.170	mg/kg	1
06971	Vanadium	7440-62-2	36.9	0.160	mg/kg	1
06972	Zinc	7440-66-6	50.9	0.655	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	450.	20.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	450.	20.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	125.31
02017	di-Isopropyl ether	108-20-3	N.D.	0.13	mg/kg	125.31
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.13	mg/kg	125.31
02019	t-Amyl methyl ether	994-05-8	N.D.	0.13	mg/kg	125.31
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	125.31
05460	Benzene	71-43-2	0.78	0.063	mg/kg	125.31

Lancaster Laboratories Sample No. SW 4902351

SB-5-S-26-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-5
Collected:10/26/2006 09:45 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL526

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05461	1,2-Dichloroethane	107-06-2	N.D.	0.13	mg/kg	125.31
05466	Toluene	108-88-3	N.D.	0.13	mg/kg	125.31
05471	1,2-Dibromoethane	106-93-4	N.D.	0.13	mg/kg	125.31
05474	Ethylbenzene	100-41-4	8.5	0.13	mg/kg	125.31
06301	Xylene (Total)	1330-20-7	12.	0.13	mg/kg	125.31

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	10/31/2006 03:16	Linda C Pape	5000
05547	TPH - DRO (Soils)	SW-846 8015B	1	11/07/2006 20:56	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	11/01/2006 10:30	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	11/03/2006 03:20	Eric L Eby	1
06935	Arsenic	SW-846 6010B	1	11/01/2006 10:19	Joanne M Gates	1
06936	Selenium	SW-846 6010B	1	11/01/2006 10:19	Joanne M Gates	1
06944	Antimony	SW-846 6010B	1	11/01/2006 10:19	Joanne M Gates	1
06946	Barium	SW-846 6010B	1	11/01/2006 10:19	Joanne M Gates	1
06947	Beryllium	SW-846 6010B	1	11/01/2006 10:19	Joanne M Gates	1
06949	Cadmium	SW-846 6010B	1	11/01/2006 10:19	Joanne M Gates	1
06951	Chromium	SW-846 6010B	1	11/02/2006 05:03	Eric L Eby	1
06952	Cobalt	SW-846 6010B	1	11/01/2006 10:19	Joanne M Gates	1
06953	Copper	SW-846 6010B	1	11/01/2006 10:19	Joanne M Gates	1
06955	Lead	SW-846 6010B	1	11/01/2006 10:19	Joanne M Gates	1
06960	Molybdenum	SW-846 6010B	1	11/01/2006 10:19	Joanne M Gates	1
06961	Nickel	SW-846 6010B	1	11/01/2006 10:19	Joanne M Gates	1
06966	Silver	SW-846 6010B	1	11/01/2006 10:19	Joanne M Gates	1
06971	Vanadium	SW-846 6010B	1	11/01/2006 10:19	Joanne M Gates	1
06972	Zinc	SW-846 6010B	1	11/02/2006 05:03	Eric L Eby	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	11/04/2006 15:01	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/02/2006 09:42	Seth J Good	125.31
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/31/2006 16:35	Lauren C Marzario	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	10/30/2006 00:44	Jesse L Mertz	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	10/31/2006 19:10	Annamaria Stipkovits	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	10/31/2006 23:00	Annamaria Stipkovits	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4902351

SB-5-S-26-061026 **Grab** **Soil**
Facility# 307233 **CETR**
2259 First St-Livermore **NA** **SB-5**
Collected:10/26/2006 09:45 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL526

07004	Extraction - DRO (Soils)	SW-846 3550B	1	11/03/2006 09:00	Denise L Trimby	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	11/04/2006 11:30	Sally L Appleyard	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4902352

SB-5-S-30-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-5
Collected:10/26/2006 09:55 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL530

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	950.	200.	mg/kg	5000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	320.	10.	mg/kg	1
00159	Mercury	7439-97-6	0.0494	0.0102	mg/kg	1
06925	Thallium	7440-28-0	2.56	1.30	mg/kg	1
06935	Arsenic	7440-38-2	4.57	0.894	mg/kg	1
06936	Selenium	7782-49-2	1.22	0.960	mg/kg	1
06944	Antimony	7440-36-0	2.64	0.885	mg/kg	1
06946	Barium	7440-39-3	198.	0.0225	mg/kg	1
06947	Beryllium	7440-41-7	0.299	0.0667	mg/kg	1
06949	Cadmium	7440-43-9	0.274	0.0637	mg/kg	1
06951	Chromium	7440-47-3	105.	0.572	mg/kg	1
06952	Cobalt	7440-48-4	15.3	0.127	mg/kg	1
06953	Copper	7440-50-8	43.9	0.176	mg/kg	1
06955	Lead	7439-92-1	8.30	0.432	mg/kg	1
06960	Molybdenum	7439-98-7	N.D.	0.402	mg/kg	1
06961	Nickel	7440-02-0	127.	0.594	mg/kg	1
06966	Silver	7440-22-4	0.368	0.167	mg/kg	1
06971	Vanadium	7440-62-2	33.2	0.157	mg/kg	1
06972	Zinc	7440-66-6	48.2	0.642	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	140.	10.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	140.	10.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.062	mg/kg	123.76
02017	di-Isopropyl ether	108-20-3	N.D.	0.12	mg/kg	123.76
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.12	mg/kg	123.76
02019	t-Amyl methyl ether	994-05-8	N.D.	0.12	mg/kg	123.76
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	123.76
05460	Benzene	71-43-2	N.D.	0.062	mg/kg	123.76
05461	1,2-Dichloroethane	107-06-2	N.D.	0.12	mg/kg	123.76
05466	Toluene	108-88-3	N.D.	0.12	mg/kg	123.76

Lancaster Laboratories Sample No. SW 4902352

SB-5-S-30-061026 **Grab** **Soil**
Facility# 307233 **CETR**
2259 First St-Livermore **NA** **SB-5**
Collected:10/26/2006 09:55 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL530

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05471	1,2-Dibromoethane	106-93-4	N.D.	0.12	mg/kg	123.76
05474	Ethylbenzene	100-41-4	1.1	0.12	mg/kg	123.76
06301	Xylene (Total)	1330-20-7	2.0	0.12	mg/kg	123.76

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	10/31/2006 03:57	Linda C Pape	5000
05547	TPH - DRO (Soils)	SW-846 8015B	1	11/07/2006 21:20	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	11/01/2006 10:31	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	11/03/2006 03:25	Eric L Eby	1
06935	Arsenic	SW-846 6010B	1	11/01/2006 10:24	Joanne M Gates	1
06936	Selenium	SW-846 6010B	1	11/01/2006 10:24	Joanne M Gates	1
06944	Antimony	SW-846 6010B	1	11/01/2006 10:24	Joanne M Gates	1
06946	Barium	SW-846 6010B	1	11/01/2006 10:24	Joanne M Gates	1
06947	Beryllium	SW-846 6010B	1	11/02/2006 05:07	Eric L Eby	1
06949	Cadmium	SW-846 6010B	1	11/01/2006 10:24	Joanne M Gates	1
06951	Chromium	SW-846 6010B	1	11/02/2006 05:07	Eric L Eby	1
06952	Cobalt	SW-846 6010B	1	11/01/2006 10:24	Joanne M Gates	1
06953	Copper	SW-846 6010B	1	11/01/2006 10:24	Joanne M Gates	1
06955	Lead	SW-846 6010B	1	11/01/2006 10:24	Joanne M Gates	1
06960	Molybdenum	SW-846 6010B	1	11/01/2006 10:24	Joanne M Gates	1
06961	Nickel	SW-846 6010B	1	11/01/2006 10:24	Joanne M Gates	1
06966	Silver	SW-846 6010B	1	11/01/2006 10:24	Joanne M Gates	1
06971	Vanadium	SW-846 6010B	1	11/01/2006 10:24	Joanne M Gates	1
06972	Zinc	SW-846 6010B	1	11/02/2006 05:07	Eric L Eby	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	11/04/2006 17:11	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/02/2006 10:06	Seth J Good	123.76
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/31/2006 16:37	Lauren C Marzario	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	10/30/2006 00:50	Jesse L Mertz	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	10/31/2006 19:10	Annamaria Stipkovits	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	10/31/2006 23:00	Annamaria Stipkovits	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	11/03/2006 09:00	Denise L Trimby	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	11/04/2006 11:30	Sally L Appleyard	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4902352

SB-5-S-30-061026 **Grab** **Soil**
Facility# 307233 **CETR**
2259 First St-Livermore **NA** **SB-5**
Collected:10/26/2006 09:55 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL530

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Analysis Report

Lancaster Laboratories Sample No. SW 4902353

SB-5-S-34-061026 **Grab** **Soil**
Facility# 307233 **CETR**
2259 First St-Livermore **NA** **SB-5**
Collected:10/26/2006 10:00 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL534

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	3,100.	400.	mg/kg	10000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	630.	20.	mg/kg	2
00159	Mercury	7439-97-6	0.137	0.0105	mg/kg	1
06925	Thallium	7440-28-0	N.D.	1.29	mg/kg	1
06935	Arsenic	7440-38-2	6.37	0.885	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.950	mg/kg	1
06944	Antimony	7440-36-0	2.17	0.877	mg/kg	1
06946	Barium	7440-39-3	182.	0.0223	mg/kg	1
06947	Beryllium	7440-41-7	0.301	0.0660	mg/kg	1
06949	Cadmium	7440-43-9	0.113	0.0631	mg/kg	1
06951	Chromium	7440-47-3	76.7	0.566	mg/kg	1
06952	Cobalt	7440-48-4	19.4	0.126	mg/kg	1
06953	Copper	7440-50-8	39.2	0.175	mg/kg	1
06955	Lead	7439-92-1	16.1	0.428	mg/kg	1
06960	Molybdenum	7439-98-7	0.535	0.398	mg/kg	1
06961	Nickel	7440-02-0	198.	0.588	mg/kg	1
06966	Silver	7440-22-4	0.313	0.165	mg/kg	1
06971	Vanadium	7440-62-2	40.0	0.155	mg/kg	1
06972	Zinc	7440-66-6	57.8	0.636	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	290.	20.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	290.	20.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.13	mg/kg	251.26
02017	di-Isopropyl ether	108-20-3	N.D.	0.25	mg/kg	251.26
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.25	mg/kg	251.26
02019	t-Amyl methyl ether	994-05-8	N.D.	0.25	mg/kg	251.26
02020	t-Butyl alcohol	75-65-0	N.D.	5.0	mg/kg	251.26
05460	Benzene	71-43-2	17.	0.13	mg/kg	251.26

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Analysis Report

Lancaster Laboratories Sample No. SW 4902353

SB-5-S-34-061026 **Grab** **Soil**
Facility# 307233 **CETR**
2259 First St-Livermore **NA** **SB-5**
Collected:10/26/2006 10:00 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL534

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05461	1,2-Dichloroethane	107-06-2	N.D.	0.25	mg/kg	251.26
05466	Toluene	108-88-3	67.	2.5	mg/kg	2512.56
05471	1,2-Dibromoethane	106-93-4	N.D.	0.25	mg/kg	251.26
05474	Ethylbenzene	100-41-4	38.	0.25	mg/kg	251.26
06301	Xylene (Total)	1330-20-7	130.	2.5	mg/kg	2512.56

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	10/31/2006 04:37	Linda C Pape	10000
05547	TPH - DRO (Soils)	SW-846 8015B	1	11/08/2006 11:04	Tracy A Cole	2
00159	Mercury	SW-846 7471A	1	11/01/2006 10:32	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	11/02/2006 14:29	Amanda S Bitner	1
06935	Arsenic	SW-846 6010B	1	11/02/2006 14:29	Amanda S Bitner	1
06936	Selenium	SW-846 6010B	1	11/02/2006 14:29	Amanda S Bitner	1
06944	Antimony	SW-846 6010B	1	11/02/2006 14:29	Amanda S Bitner	1
06946	Barium	SW-846 6010B	1	11/02/2006 14:29	Amanda S Bitner	1
06947	Beryllium	SW-846 6010B	1	11/02/2006 14:29	Amanda S Bitner	1
06949	Cadmium	SW-846 6010B	1	11/02/2006 14:29	Amanda S Bitner	1
06951	Chromium	SW-846 6010B	1	11/03/2006 09:52	Joanne M Gates	1
06952	Cobalt	SW-846 6010B	1	11/02/2006 14:29	Amanda S Bitner	1
06953	Copper	SW-846 6010B	1	11/02/2006 14:29	Amanda S Bitner	1
06955	Lead	SW-846 6010B	1	11/02/2006 14:29	Amanda S Bitner	1
06960	Molybdenum	SW-846 6010B	1	11/02/2006 14:29	Amanda S Bitner	1
06961	Nickel	SW-846 6010B	1	11/02/2006 14:29	Amanda S Bitner	1
06966	Silver	SW-846 6010B	1	11/02/2006 14:29	Amanda S Bitner	1
06971	Vanadium	SW-846 6010B	1	11/02/2006 14:29	Amanda S Bitner	1
06972	Zinc	SW-846 6010B	1	11/03/2006 09:52	Joanne M Gates	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	11/04/2006 17:54	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/02/2006 10:31	Seth J Good	251.26
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/02/2006 10:55	Seth J Good	2512.56
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/31/2006 16:39	Lauren C Marzario	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	10/30/2006 00:56	Jesse L Mertz	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	11/01/2006 19:35	Annamaria Stipkovits	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4902353

SB-5-S-34-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-5
Collected:10/26/2006 10:00 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL534

05711	SW SW846 Hg Digest	SW-846 7471A modified	1	10/31/2006 23:00	Annamaria Stipkovits	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	11/03/2006 09:00	Denise L Trimby	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	11/04/2006 11:30	Sally L Appleyard	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4902354

SB-5-S-39.5-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-5
Collected:10/26/2006 11:00 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL539

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	1,400.	200.	mg/kg	5000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	80.	15.	mg/kg	1
	Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
00159	Mercury	7439-97-6	0.0590	0.0103	mg/kg	1
06925	Thallium	7440-28-0	N.D.	1.28	mg/kg	1
06935	Arsenic	7440-38-2	4.53	0.877	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.941	mg/kg	1
06944	Antimony	7440-36-0	1.71	0.868	mg/kg	1
06946	Barium	7440-39-3	165.	0.0221	mg/kg	1
06947	Beryllium	7440-41-7	0.288	0.0654	mg/kg	1
06949	Cadmium	7440-43-9	0.0913	0.0625	mg/kg	1
06951	Chromium	7440-47-3	75.1	0.561	mg/kg	1
06952	Cobalt	7440-48-4	17.0	0.125	mg/kg	1
06953	Copper	7440-50-8	36.9	0.173	mg/kg	1
06955	Lead	7439-92-1	7.92	0.424	mg/kg	1
06960	Molybdenum	7439-98-7	N.D.	0.394	mg/kg	1
06961	Nickel	7440-02-0	203.	0.583	mg/kg	1
06966	Silver	7440-22-4	0.209	0.163	mg/kg	1
06971	Vanadium	7440-62-2	38.2	0.154	mg/kg	1
06972	Zinc	7440-66-6	56.3	0.630	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	10.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	10.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.062	mg/kg	124.38
02017	di-Isopropyl ether	108-20-3	N.D.	0.12	mg/kg	124.38
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.12	mg/kg	124.38
02019	t-Amyl methyl ether	994-05-8	N.D.	0.12	mg/kg	124.38
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	124.38

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Analysis Report

Lancaster Laboratories Sample No. SW 4902354

SB-5-S-39.5-061026 **Grab** **Soil**
Facility# 307233 **CETR**
2259 First St-Livermore **NA** **SB-5**
Collected:10/26/2006 11:00 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
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Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL539

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05460	Benzene	71-43-2	5.4	0.062	mg/kg	124.38
05461	1,2-Dichloroethane	107-06-2	N.D.	0.12	mg/kg	124.38
05466	Toluene	108-88-3	2.6	0.12	mg/kg	124.38
05471	1,2-Dibromoethane	106-93-4	N.D.	0.12	mg/kg	124.38
05474	Ethylbenzene	100-41-4	13.	0.12	mg/kg	124.38
06301	Xylene (Total)	1330-20-7	73.	0.12	mg/kg	124.38

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	10/31/2006 06:40	Linda C Pape	5000
05547	TPH - DRO (Soils)	SW-846 8015B	1	11/07/2006 17:36	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	11/01/2006 10:34	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	11/02/2006 14:34	Amanda S Bitner	1
06935	Arsenic	SW-846 6010B	1	11/02/2006 14:34	Amanda S Bitner	1
06936	Selenium	SW-846 6010B	1	11/02/2006 14:34	Amanda S Bitner	1
06944	Antimony	SW-846 6010B	1	11/02/2006 14:34	Amanda S Bitner	1
06946	Barium	SW-846 6010B	1	11/02/2006 14:34	Amanda S Bitner	1
06947	Beryllium	SW-846 6010B	1	11/02/2006 14:34	Amanda S Bitner	1
06949	Cadmium	SW-846 6010B	1	11/02/2006 14:34	Amanda S Bitner	1
06951	Chromium	SW-846 6010B	1	11/03/2006 09:57	Joanne M Gates	1
06952	Cobalt	SW-846 6010B	1	11/02/2006 14:34	Amanda S Bitner	1
06953	Copper	SW-846 6010B	1	11/02/2006 14:34	Amanda S Bitner	1
06955	Lead	SW-846 6010B	1	11/02/2006 14:34	Amanda S Bitner	1
06960	Molybdenum	SW-846 6010B	1	11/02/2006 14:34	Amanda S Bitner	1
06961	Nickel	SW-846 6010B	1	11/02/2006 14:34	Amanda S Bitner	1
06966	Silver	SW-846 6010B	1	11/02/2006 14:34	Amanda S Bitner	1
06971	Vanadium	SW-846 6010B	1	11/02/2006 14:34	Amanda S Bitner	1
06972	Zinc	SW-846 6010B	1	11/03/2006 09:57	Joanne M Gates	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	11/06/2006 18:29	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/04/2006 00:51	Lauren C Marzario	124.38
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/31/2006 16:41	Lauren C Marzario	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	10/30/2006 01:02	Jesse L Mertz	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	11/01/2006 19:35	Annamaria Stipkovits	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4902354

SB-5-S-39.5-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-5
Collected:10/26/2006 11:00 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

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6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

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05711	SW SW846 Hg Digest	SW-846 7471A modified	1	10/31/2006 23:00	Annamaria Stipkovits	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	11/04/2006 10:20	Ineabelle Poveda	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	11/04/2006 11:30	Sally L Appleyard	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4902355

SB-1-S-10-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-1
Collected:10/26/2006 12:35 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL110

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	N.D.	10.	mg/kg	1
00159	Mercury	7439-97-6	0.0219	0.0102	mg/kg	1
06925	Thallium	7440-28-0	2.97	1.30	mg/kg	1
06935	Arsenic	7440-38-2	3.22	0.894	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.960	mg/kg	1
06944	Antimony	7440-36-0	N.D.	0.885	mg/kg	1
06946	Barium	7440-39-3	149.	0.0225	mg/kg	1
06947	Beryllium	7440-41-7	0.276	0.0667	mg/kg	1
06949	Cadmium	7440-43-9	N.D.	0.319	mg/kg	5
06951	Chromium	7440-47-3	59.9	0.572	mg/kg	1
06952	Cobalt	7440-48-4	12.3	0.127	mg/kg	1
06953	Copper	7440-50-8	25.2	0.176	mg/kg	1
06955	Lead	7439-92-1	10.5	0.432	mg/kg	1
06960	Molybdenum	7439-98-7	0.687	0.402	mg/kg	1
06961	Nickel	7440-02-0	114.	0.594	mg/kg	1
06966	Silver	7440-22-4	0.486	0.167	mg/kg	1
06971	Vanadium	7440-62-2	31.1	0.157	mg/kg	1
06972	Zinc	7440-66-6	49.6	0.642	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	10.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	10.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
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

Lancaster Laboratories Sample No. SW 4902355

SB-1-S-10-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-1
Collected:10/26/2006 12:35 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

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6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL110

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	10/31/2006 07:20	Linda C Pape	25
05547	TPH - DRO (Soils)	SW-846 8015B	1	11/07/2006 18:00	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	11/01/2006 10:36	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	11/04/2006 04:42	Nina C Haller	1
06935	Arsenic	SW-846 6010B	1	11/04/2006 04:42	Nina C Haller	1
06936	Selenium	SW-846 6010B	1	11/04/2006 04:42	Nina C Haller	1
06944	Antimony	SW-846 6010B	1	11/04/2006 04:42	Nina C Haller	1
06946	Barium	SW-846 6010B	1	11/04/2006 04:42	Nina C Haller	1
06947	Beryllium	SW-846 6010B	1	11/04/2006 04:42	Nina C Haller	1
06949	Cadmium	SW-846 6010B	1	11/04/2006 17:19	Amanda S Bitner	5
06951	Chromium	SW-846 6010B	1	11/04/2006 04:42	Nina C Haller	1
06952	Cobalt	SW-846 6010B	1	11/04/2006 04:42	Nina C Haller	1
06953	Copper	SW-846 6010B	1	11/04/2006 04:42	Nina C Haller	1
06955	Lead	SW-846 6010B	1	11/04/2006 04:42	Nina C Haller	1
06960	Molybdenum	SW-846 6010B	1	11/04/2006 04:42	Nina C Haller	1
06961	Nickel	SW-846 6010B	1	11/04/2006 04:42	Nina C Haller	1
06966	Silver	SW-846 6010B	1	11/04/2006 04:42	Nina C Haller	1
06971	Vanadium	SW-846 6010B	1	11/04/2006 04:42	Nina C Haller	1
06972	Zinc	SW-846 6010B	1	11/04/2006 04:42	Nina C Haller	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	11/06/2006 19:13	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/01/2006 18:28	Emiley A King	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	11/01/2006 13:46	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	10/30/2006 01:08	Jesse L Mertz	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	11/02/2006 19:45	Annamaria Stipkovits	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	10/31/2006 23:00	Annamaria Stipkovits	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	11/04/2006 10:20	Ineabelle Poveda	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	11/04/2006 11:30	Sally L Appleyard	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4902355

SB-1-S-10-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-1
Collected:10/26/2006 12:35 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL110

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Analysis Report

Lancaster Laboratories Sample No. SW 4902356

SB-1-S-15-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-1
Collected:10/26/2006 12:40 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL115

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	15.	8.0	mg/kg	200
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	140.	13.	mg/kg	1
	Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
00159	Mercury	7439-97-6	0.0960	0.0104	mg/kg	1
06925	Thallium	7440-28-0	N.D.	1.33	mg/kg	1
06935	Arsenic	7440-38-2	7.59	0.912	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.979	mg/kg	1
06944	Antimony	7440-36-0	1.61	0.903	mg/kg	1
06946	Barium	7440-39-3	199.	0.0230	mg/kg	1
06947	Beryllium	7440-41-7	0.452	0.0680	mg/kg	1
06949	Cadmium	7440-43-9	0.196	0.0650	mg/kg	1
06951	Chromium	7440-47-3	74.1	0.583	mg/kg	1
06952	Cobalt	7440-48-4	19.4	0.130	mg/kg	1
06953	Copper	7440-50-8	36.9	0.180	mg/kg	1
06955	Lead	7439-92-1	12.6	0.441	mg/kg	1
06960	Molybdenum	7439-98-7	N.D.	0.410	mg/kg	1
06961	Nickel	7440-02-0	193.	0.606	mg/kg	1
06966	Silver	7440-22-4	N.D.	0.170	mg/kg	1
06971	Vanadium	7440-62-2	37.4	0.160	mg/kg	1
06972	Zinc	7440-66-6	52.7	0.655	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	350.	50.	mg/kg	5
02552	TPH Motor Oil C16-C36	n.a.	350.	50.	mg/kg	5
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
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

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Analysis Report

Lancaster Laboratories Sample No. SW 4902356

SB-1-S-15-061026 **Grab** **Soil**
Facility# 307233 **CETR**
2259 First St-Livermore **NA** **SB-1**
Collected:10/26/2006 12:40 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL115

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	11/03/2006 11:46	Linda C Pape	200
05547	TPH - DRO (Soils)	SW-846 8015B	1	11/07/2006 18:25	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	11/01/2006 10:37	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	11/03/2006 22:43	John P Hook	1
06935	Arsenic	SW-846 6010B	1	11/03/2006 22:43	John P Hook	1
06936	Selenium	SW-846 6010B	1	11/03/2006 22:43	John P Hook	1
06944	Antimony	SW-846 6010B	1	11/03/2006 22:43	John P Hook	1
06946	Barium	SW-846 6010B	1	11/03/2006 22:43	John P Hook	1
06947	Beryllium	SW-846 6010B	1	11/03/2006 22:43	John P Hook	1
06949	Cadmium	SW-846 6010B	1	11/03/2006 22:43	John P Hook	1
06951	Chromium	SW-846 6010B	1	11/03/2006 22:43	John P Hook	1
06952	Cobalt	SW-846 6010B	1	11/03/2006 22:43	John P Hook	1
06953	Copper	SW-846 6010B	1	11/03/2006 22:43	John P Hook	1
06955	Lead	SW-846 6010B	1	11/03/2006 22:43	John P Hook	1
06960	Molybdenum	SW-846 6010B	1	11/03/2006 22:43	John P Hook	1
06961	Nickel	SW-846 6010B	1	11/03/2006 22:43	John P Hook	1
06966	Silver	SW-846 6010B	1	11/03/2006 22:43	John P Hook	1
06971	Vanadium	SW-846 6010B	1	11/03/2006 22:43	John P Hook	1
06972	Zinc	SW-846 6010B	1	11/03/2006 22:43	John P Hook	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	11/07/2006 21:36	Matthew E Barton	5
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/01/2006 18:51	Emiley A King	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	11/01/2006 13:48	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	10/30/2006 01:14	Jesse L Mertz	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	11/02/2006 10:30	Megersa Deyessa	1

Lancaster Laboratories Sample No. SW 4902356

SB-1-S-15-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-1
Collected:10/26/2006 12:40 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
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San Ramon CA 94583

FL115

05711	SW SW846 Hg Digest	SW-846 7471A modified	1	10/31/2006 23:00	Annamaria Stipkovits	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	11/04/2006 10:20	Ineabelle Poveda	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	11/04/2006 11:30	Sally L Appleyard	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4902357

SB-1-S-22-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-1
Collected:10/26/2006 13:00 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL122

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	2,800.	200.	mg/kg	5000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	780.	16.	mg/kg	1
	Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
00159	Mercury	7439-97-6	0.0511	0.0102	mg/kg	1
06925	Thallium	7440-28-0	N.D.	1.28	mg/kg	1
06935	Arsenic	7440-38-2	4.47	0.877	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.941	mg/kg	1
06944	Antimony	7440-36-0	0.890	0.868	mg/kg	1
06946	Barium	7440-39-3	141.	0.0221	mg/kg	1
06947	Beryllium	7440-41-7	0.269	0.0654	mg/kg	1
06949	Cadmium	7440-43-9	N.D.	0.0625	mg/kg	1
06951	Chromium	7440-47-3	54.0	0.561	mg/kg	1
06952	Cobalt	7440-48-4	13.6	0.125	mg/kg	1
06953	Copper	7440-50-8	31.7	0.173	mg/kg	1
06955	Lead	7439-92-1	31.5	0.424	mg/kg	1
06960	Molybdenum	7439-98-7	N.D.	0.394	mg/kg	1
06961	Nickel	7440-02-0	130.	0.583	mg/kg	1
06966	Silver	7440-22-4	N.D.	0.163	mg/kg	1
06971	Vanadium	7440-62-2	26.7	0.154	mg/kg	1
06972	Zinc	7440-66-6	43.7	0.630	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	1,400.	200.	mg/kg	20
02552	TPH Motor Oil C16-C36	n.a.	1,400.	200.	mg/kg	20
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.062	mg/kg	124.69
02017	di-Isopropyl ether	108-20-3	N.D.	0.12	mg/kg	124.69
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.12	mg/kg	124.69
02019	t-Amyl methyl ether	994-05-8	N.D.	0.12	mg/kg	124.69
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	124.69

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Analysis Report

Lancaster Laboratories Sample No. SW 4902357

SB-1-S-22-061026 **Grab** **Soil**
Facility# 307233 **CETR**
2259 First St-Livermore **NA** **SB-1**
Collected:10/26/2006 13:00 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL122

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05460	Benzene	71-43-2	N.D.	0.062	mg/kg	124.69
05461	1,2-Dichloroethane	107-06-2	N.D.	0.12	mg/kg	124.69
05466	Toluene	108-88-3	N.D.	0.12	mg/kg	124.69
05471	1,2-Dibromoethane	106-93-4	N.D.	0.12	mg/kg	124.69
05474	Ethylbenzene	100-41-4	2.1	0.12	mg/kg	124.69
06301	Xylene (Total)	1330-20-7	7.5	0.12	mg/kg	124.69

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	11/03/2006 14:29	Linda C Pape	5000
05547	TPH - DRO (Soils)	SW-846 8015B	1	11/07/2006 22:09	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	11/03/2006 09:23	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	11/03/2006 22:48	John P Hook	1
06935	Arsenic	SW-846 6010B	1	11/03/2006 22:48	John P Hook	1
06936	Selenium	SW-846 6010B	1	11/03/2006 22:48	John P Hook	1
06944	Antimony	SW-846 6010B	1	11/03/2006 22:48	John P Hook	1
06946	Barium	SW-846 6010B	1	11/03/2006 22:48	John P Hook	1
06947	Beryllium	SW-846 6010B	1	11/03/2006 22:48	John P Hook	1
06949	Cadmium	SW-846 6010B	1	11/03/2006 22:48	John P Hook	1
06951	Chromium	SW-846 6010B	1	11/03/2006 22:48	John P Hook	1
06952	Cobalt	SW-846 6010B	1	11/03/2006 22:48	John P Hook	1
06953	Copper	SW-846 6010B	1	11/03/2006 22:48	John P Hook	1
06955	Lead	SW-846 6010B	1	11/03/2006 22:48	John P Hook	1
06960	Molybdenum	SW-846 6010B	1	11/03/2006 22:48	John P Hook	1
06961	Nickel	SW-846 6010B	1	11/03/2006 22:48	John P Hook	1
06966	Silver	SW-846 6010B	1	11/03/2006 22:48	John P Hook	1
06971	Vanadium	SW-846 6010B	1	11/03/2006 22:48	John P Hook	1
06972	Zinc	SW-846 6010B	1	11/03/2006 22:48	John P Hook	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	11/07/2006 23:03	Matthew E Barton	20
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/03/2006 22:48	Lauren C Marzario	124.69
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/31/2006 16:42	Lauren C Marzario	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	10/30/2006 01:20	Jesse L Mertz	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	11/02/2006 10:30	Megersa Deyessa	1

Lancaster Laboratories Sample No. SW 4902357

SB-1-S-22-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-1
Collected:10/26/2006 13:00 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:20
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL122

05711	SW SW846 Hg Digest	SW-846 7471A modified	1	11/02/2006 11:50	Megersa Deyessa	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	11/04/2006 10:20	Ineabelle Poveda	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	11/04/2006 11:30	Sally L Appleyard	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4902358

SB-1-S-26-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-1
Collected:10/26/2006 13:10 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:21
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL126

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	1,100.	200.	mg/kg	5000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	590.	14.	mg/kg	1
	Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
00159	Mercury	7439-97-6	0.0762	0.0104	mg/kg	1
06925	Thallium	7440-28-0	2.40	1.32	mg/kg	1
06935	Arsenic	7440-38-2	5.25	0.903	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.969	mg/kg	1
06944	Antimony	7440-36-0	N.D.	0.894	mg/kg	1
06946	Barium	7440-39-3	209.	0.0228	mg/kg	1
06947	Beryllium	7440-41-7	0.390	0.0673	mg/kg	1
06949	Cadmium	7440-43-9	N.D.	0.322	mg/kg	5
06951	Chromium	7440-47-3	67.3	0.577	mg/kg	1
06952	Cobalt	7440-48-4	17.1	0.129	mg/kg	1
06953	Copper	7440-50-8	36.1	0.178	mg/kg	1
06955	Lead	7439-92-1	8.47	0.437	mg/kg	1
06960	Molybdenum	7439-98-7	N.D.	0.406	mg/kg	1
06961	Nickel	7440-02-0	139.	0.600	mg/kg	1
06966	Silver	7440-22-4	0.362	0.168	mg/kg	1
06971	Vanadium	7440-62-2	36.2	0.158	mg/kg	1
06972	Zinc	7440-66-6	48.3	0.649	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	390.	50.	mg/kg	5
02552	TPH Motor Oil C16-C36	n.a.	390.	50.	mg/kg	5
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.062	mg/kg	123.76
02017	di-Isopropyl ether	108-20-3	N.D.	0.12	mg/kg	123.76
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.12	mg/kg	123.76
02019	t-Amyl methyl ether	994-05-8	N.D.	0.12	mg/kg	123.76
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	123.76

Lancaster Laboratories Sample No. SW 4902358

SB-1-S-26-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-1
Collected:10/26/2006 13:10 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:21
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL126

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05460	Benzene	71-43-2	0.62	0.062	mg/kg	123.76
05461	1,2-Dichloroethane	107-06-2	N.D.	0.12	mg/kg	123.76
05466	Toluene	108-88-3	0.19	0.12	mg/kg	123.76
05471	1,2-Dibromoethane	106-93-4	N.D.	0.12	mg/kg	123.76
05474	Ethylbenzene	100-41-4	5.5	0.12	mg/kg	123.76
06301	Xylene (Total)	1330-20-7	19.	0.12	mg/kg	123.76

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	11/03/2006 01:58	Linda C Pape	5000
05547	TPH - DRO (Soils)	SW-846 8015B	1	11/07/2006 22:34	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	11/01/2006 19:27	Nelli S Markaryan	1
06925	Thallium	SW-846 6010B	1	11/03/2006 02:00	Eric L Eby	1
06935	Arsenic	SW-846 6010B	1	11/02/2006 13:21	Amanda S Bitner	1
06936	Selenium	SW-846 6010B	1	11/03/2006 02:00	Eric L Eby	1
06944	Antimony	SW-846 6010B	1	11/02/2006 13:21	Amanda S Bitner	1
06946	Barium	SW-846 6010B	1	11/02/2006 13:21	Amanda S Bitner	1
06947	Beryllium	SW-846 6010B	1	11/02/2006 13:21	Amanda S Bitner	1
06949	Cadmium	SW-846 6010B	1	11/03/2006 02:05	Eric L Eby	5
06951	Chromium	SW-846 6010B	1	11/02/2006 13:21	Amanda S Bitner	1
06952	Cobalt	SW-846 6010B	1	11/02/2006 13:21	Amanda S Bitner	1
06953	Copper	SW-846 6010B	1	11/02/2006 13:21	Amanda S Bitner	1
06955	Lead	SW-846 6010B	1	11/02/2006 13:21	Amanda S Bitner	1
06960	Molybdenum	SW-846 6010B	1	11/02/2006 13:21	Amanda S Bitner	1
06961	Nickel	SW-846 6010B	1	11/02/2006 13:21	Amanda S Bitner	1
06966	Silver	SW-846 6010B	1	11/02/2006 13:21	Amanda S Bitner	1
06971	Vanadium	SW-846 6010B	1	11/02/2006 13:21	Amanda S Bitner	1
06972	Zinc	SW-846 6010B	1	11/02/2006 13:21	Amanda S Bitner	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	11/08/2006 00:29	Matthew E Barton	5
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/03/2006 23:13	Lauren C Marzario	123.76
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/31/2006 16:43	Lauren C Marzario	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	10/30/2006 01:25	Jesse L Mertz	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	11/01/2006 09:10	Megersa Deyessa	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4902358

SB-1-S-26-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-1
Collected:10/26/2006 13:10 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:21
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL126

05711	SW SW846 Hg Digest	SW-846 7471A modified	1	11/01/2006 11:30	Megersa Deyessa	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	11/04/2006 10:20	Ineabelle Poveda	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	11/04/2006 11:30	Sally L Appleyard	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4902359

SB-1-S-32-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-1
Collected:10/26/2006 14:30 by KJ Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:21
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL132

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	180.	40.	mg/kg	1000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	120.	12.	mg/kg	1
	Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
00159	Mercury	7439-97-6	0.171	0.0101	mg/kg	1
06925	Thallium	7440-28-0	2.34	1.32	mg/kg	1
06935	Arsenic	7440-38-2	5.52	0.903	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.969	mg/kg	1
06944	Antimony	7440-36-0	N.D.	0.894	mg/kg	1
06946	Barium	7440-39-3	181.	0.0228	mg/kg	1
06947	Beryllium	7440-41-7	0.430	0.0673	mg/kg	1
06949	Cadmium	7440-43-9	N.D.	0.322	mg/kg	5
06951	Chromium	7440-47-3	79.4	0.577	mg/kg	1
06952	Cobalt	7440-48-4	18.2	0.129	mg/kg	1
06953	Copper	7440-50-8	41.0	0.178	mg/kg	1
06955	Lead	7439-92-1	8.76	0.437	mg/kg	1
06960	Molybdenum	7439-98-7	N.D.	0.406	mg/kg	1
06961	Nickel	7440-02-0	183.	0.600	mg/kg	1
06966	Silver	7440-22-4	0.417	0.168	mg/kg	1
06971	Vanadium	7440-62-2	41.8	0.158	mg/kg	1
06972	Zinc	7440-66-6	56.8	0.649	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	94.	10.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	94.	10.	mg/kg	1
	TPH qantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	125.31
02017	di-Isopropyl ether	108-20-3	N.D.	0.13	mg/kg	125.31
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.13	mg/kg	125.31
02019	t-Amyl methyl ether	994-05-8	N.D.	0.13	mg/kg	125.31
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	125.31

Lancaster Laboratories Sample No. SW 4902359

SB-1-S-32-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-1
Collected:10/26/2006 14:30 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:21
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL132

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05460	Benzene	71-43-2	2.0	0.063	mg/kg	125.31
05461	1,2-Dichloroethane	107-06-2	N.D.	0.13	mg/kg	125.31
05466	Toluene	108-88-3	17.	0.13	mg/kg	125.31
05471	1,2-Dibromoethane	106-93-4	N.D.	0.13	mg/kg	125.31
05474	Ethylbenzene	100-41-4	13.	0.13	mg/kg	125.31
06301	Xylene (Total)	1330-20-7	65.	0.13	mg/kg	125.31

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW846 8015B mod	1	11/03/2006 02:35	Linda C Pape	1000
05547	TPH - DRO (Soils)	SW846 8015B	1	11/07/2006 18:49	Tracy A Cole	1
00159	Mercury	SW846 7471A	1	11/01/2006 19:28	Nelli S Markaryan	1
06925	Thallium	SW846 6010B	1	11/03/2006 02:19	Eric L Eby	1
06935	Arsenic	SW846 6010B	1	11/02/2006 13:26	Amanda S Bitner	1
06936	Selenium	SW846 6010B	1	11/03/2006 02:19	Eric L Eby	1
06944	Antimony	SW846 6010B	1	11/02/2006 13:26	Amanda S Bitner	1
06946	Barium	SW846 6010B	1	11/02/2006 13:26	Amanda S Bitner	1
06947	Beryllium	SW846 6010B	1	11/02/2006 13:26	Amanda S Bitner	1
06949	Cadmium	SW846 6010B	1	11/03/2006 02:23	Eric L Eby	5
06951	Chromium	SW846 6010B	1	11/02/2006 13:26	Amanda S Bitner	1
06952	Cobalt	SW846 6010B	1	11/02/2006 13:26	Amanda S Bitner	1
06953	Copper	SW846 6010B	1	11/02/2006 13:26	Amanda S Bitner	1
06955	Lead	SW846 6010B	1	11/02/2006 13:26	Amanda S Bitner	1
06960	Molybdenum	SW846 6010B	1	11/02/2006 13:26	Amanda S Bitner	1
06961	Nickel	SW846 6010B	1	11/02/2006 13:26	Amanda S Bitner	1
06966	Silver	SW846 6010B	1	11/02/2006 13:26	Amanda S Bitner	1
06971	Vanadium	SW846 6010B	1	11/02/2006 13:26	Amanda S Bitner	1
06972	Zinc	SW846 6010B	1	11/02/2006 13:26	Amanda S Bitner	1
02516	TPH Fuels by GC (Soils)	SW846 8015B modified	1	11/06/2006 19:57	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW846 8260B	1	11/03/2006 23:37	Lauren C Marzario	125.31
00374	GC/MS - Bulk Sample Prep	SW846 5030A	1	10/31/2006 16:45	Lauren C Marzario	n.a.
01150	GC - Bulk Soil Prep	SW846 5035	1	10/30/2006 01:31	ðsse L Mertz	n.a.
05708	SWSW846 ICP Digest	SW846 3050B	1	11/01/2006 09:10	Megersa Deyessa	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4902359

SB-1-S-32-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-1
Collected:10/26/2006 14:30 by KJ Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:21
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL132

05711	SWSW46 Hg Digest	SW846 7471A modified	1	11/01/2006 11:30	Megersa Deyessa	1
07004	Extraction - DRO (Soils)	SW846 3550B	1	11/04/2006 10:20	Ineabelle Poveda	1
07024	DRO Alternate Soil Extraction	SW846 3550B	1	11/04/2006 11:30	Sally L Appleyard	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4902360

SB-1-S-35.5-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-1
Collected:10/26/2006 14:35 by KJ Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:21
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL135

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	1,200.	200.	mg/kg	5000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	99.	14.	mg/kg	1
	Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
00159	Mercury	7439-97-6	0.117	0.0103	mg/kg	1
06925	Thallium	7440-28-0	2.94	1.33	mg/kg	1
06935	Arsenic	7440-38-2	5.35	0.912	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.979	mg/kg	1
06944	Antimony	7440-36-0	N.D.	0.903	mg/kg	1
06946	Barium	7440-39-3	174.	0.0230	mg/kg	1
06947	Beryllium	7440-41-7	0.415	0.0680	mg/kg	1
06949	Cadmium	7440-43-9	N.D.	0.325	mg/kg	5
06951	Chromium	7440-47-3	72.6	0.583	mg/kg	1
06952	Cobalt	7440-48-4	20.3	0.130	mg/kg	1
06953	Copper	7440-50-8	39.3	0.180	mg/kg	1
06955	Lead	7439-92-1	8.98	0.441	mg/kg	1
06960	Molybdenum	7439-98-7	0.460	0.410	mg/kg	1
06961	Nickel	7440-02-0	175.	0.606	mg/kg	1
06966	Silver	7440-22-4	0.384	0.170	mg/kg	1
06971	Vanadium	7440-62-2	40.1	0.160	mg/kg	1
06972	Zinc	7440-66-6	55.7	0.655	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	67.	10.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	67.	10.	mg/kg	1
	TPH qantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.062	mg/kg	124.69
02017	di-Isopropyl ether	108-20-3	N.D.	0.12	mg/kg	124.69
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.12	mg/kg	124.69
02019	t-Amyl methyl ether	994-05-8	N.D.	0.12	mg/kg	124.69
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	124.69

Lancaster Laboratories Sample No. SW 4902360

SB-1-S-35.5-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-1
Collected:10/26/2006 14:35 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:21
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL135

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05460	Benzene	71-43-2	1.0	0.062	mg/kg	124.69
05461	1,2-Dichloroethane	107-06-2	N.D.	0.12	mg/kg	124.69
05466	Toluene	108-88-3	5.5	0.12	mg/kg	124.69
05471	1,2-Dibromoethane	106-93-4	N.D.	0.12	mg/kg	124.69
05474	Ethylbenzene	100-41-4	2.7	0.12	mg/kg	124.69
06301	Xylene (Total)	1330-20-7	16.	0.12	mg/kg	124.69

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW846 8015B mod	1	11/03/2006 03:12	Linda C Pape	5000
05547	TPH - DRO (Soils)	SW846 8015B	1	11/07/2006 19:16	Tracy A Cole	1
00159	Mercury	SW846 7471A	1	11/01/2006 19:29	Nelli S Markaryan	1
06925	Thallium	SW846 6010B	1	11/03/2006 02:28	Eric L Eby	1
06935	Arsenic	SW846 6010B	1	11/02/2006 13:42	Amanda S Bitner	1
06936	Selenium	SW846 6010B	1	11/03/2006 02:28	Eric L Eby	1
06944	Antimony	SW846 6010B	1	11/02/2006 13:42	Amanda S Bitner	1
06946	Barium	SW846 6010B	1	11/02/2006 13:42	Amanda S Bitner	1
06947	Beryllium	SW846 6010B	1	11/02/2006 13:42	Amanda S Bitner	1
06949	Cadmium	SW846 6010B	1	11/03/2006 02:33	Eric L Eby	5
06951	Chromium	SW846 6010B	1	11/02/2006 13:42	Amanda S Bitner	1
06952	Cobalt	SW846 6010B	1	11/02/2006 13:42	Amanda S Bitner	1
06953	Copper	SW846 6010B	1	11/02/2006 13:42	Amanda S Bitner	1
06955	Lead	SW846 6010B	1	11/02/2006 13:42	Amanda S Bitner	1
06960	Molybdenum	SW846 6010B	1	11/02/2006 13:42	Amanda S Bitner	1
06961	Nickel	SW846 6010B	1	11/02/2006 13:42	Amanda S Bitner	1
06966	Silver	SW846 6010B	1	11/02/2006 13:42	Amanda S Bitner	1
06971	Vanadium	SW846 6010B	1	11/02/2006 13:42	Amanda S Bitner	1
06972	Zinc	SW846 6010B	1	11/02/2006 13:42	Amanda S Bitner	1
02516	TPH Fuels by GC (Soils)	SW846 8015B modified	1	11/06/2006 20:40	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW846 8260B	1	11/04/2006 00:26	Lauren C Marzario	124.69
00374	GC/MS - Bulk Sample Prep	SW846 5030A	1	10/31/2006 16:47	Lauren C Marzario	n.a.
01150	GC - Bulk Soil Prep	SW846 5035	1	10/30/2006 01:36	Jesse L Mertz	n.a.
05708	SWSW846 ICP Digest	SW846 3050B	1	11/01/2006 09:10	Megersa Deyessa	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4902360

SB-1-S-35.5-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-1
Collected:10/26/2006 14:35 by KJ Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:21
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL135

05711	SWSW46 Hg Digest	SW846 7471A modified	1	11/01/2006 11:30	Megersa Deyessa	1
07004	Extraction - DRO (Soils)	SW846 3550B	1	11/04/2006 10:20	Ineabelle Poveda	1
07024	DRO Alternate Soil Extraction	SW846 3550B	1	11/04/2006 11:30	Sally L Appleyard	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4902361

SB-1-S-39.5-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-1
Collected:10/26/2006 15:30 by KJ Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:21
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL139

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	1,000.	200.	mg/kg	5000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	20.	16.	mg/kg	1
	Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
00159	Mercury	7439-97-6	0.0938	0.0102	mg/kg	1
06925	Thallium	7440-28-0	2.53	1.27	mg/kg	1
06935	Arsenic	7440-38-2	5.92	0.869	mg/kg	1
06936	Selenium	7782-49-2	0.932	0.932	mg/kg	1
06944	Antimony	7440-36-0	N.D.	0.860	mg/kg	1
06946	Barium	7440-39-3	176.	0.0219	mg/kg	1
06947	Beryllium	7440-41-7	0.393	0.0648	mg/kg	1
06949	Cadmium	7440-43-9	N.D.	0.310	mg/kg	5
06951	Chromium	7440-47-3	79.8	0.555	mg/kg	1
06952	Cobalt	7440-48-4	24.7	0.124	mg/kg	1
06953	Copper	7440-50-8	42.6	0.171	mg/kg	1
06955	Lead	7439-92-1	8.75	0.420	mg/kg	1
06960	Molybdenum	7439-98-7	0.511	0.390	mg/kg	1
06961	Nickel	7440-02-0	237.	0.577	mg/kg	1
06966	Silver	7440-22-4	0.430	0.162	mg/kg	1
06971	Vanadium	7440-62-2	38.4	0.152	mg/kg	1
06972	Zinc	7440-66-6	55.1	0.624	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	10.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	10.	mg/kg	1
	TPH qantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	125.63
02017	di-Isopropyl ether	108-20-3	N.D.	0.13	mg/kg	125.63
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.13	mg/kg	125.63
02019	t-Amyl methyl ether	994-05-8	N.D.	0.13	mg/kg	125.63
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	125.63

Lancaster Laboratories Sample No. SW 4902361

SB-1-S-39.5-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-1
Collected:10/26/2006 15:30 by KJ Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:21
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL139

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05460	Benzene	71-43-2	0.90	0.063	mg/kg	125.63
05461	1,2-Dichloroethane	107-06-2	N.D.	0.13	mg/kg	125.63
05466	Toluene	108-88-3	0.93	0.13	mg/kg	125.63
05471	1,2-Dibromoethane	106-93-4	N.D.	0.13	mg/kg	125.63
05474	Ethylbenzene	100-41-4	2.5	0.13	mg/kg	125.63
06301	Xylene (Total)	1330-20-7	11.	0.13	mg/kg	125.63

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW846 8015B mod	1	11/03/2006 03:49	Linda C Pape	5000
05547	TPH - DRO (Soils)	SW846 8015B	1	11/07/2006 19:40	Tracy A Cole	1
00159	Mercury	SW846 7471A	1	11/01/2006 19:31	Nelli S Markaryan	1
06925	Thallium	SW846 6010B	1	11/03/2006 02:38	Eric L Eby	1
06935	Arsenic	SW846 6010B	1	11/02/2006 13:47	Amanda S Bitner	1
06936	Selenium	SW846 6010B	1	11/03/2006 02:38	Eric L Eby	1
06944	Antimony	SW846 6010B	1	11/02/2006 13:47	Amanda S Bitner	1
06946	Barium	SW846 6010B	1	11/02/2006 13:47	Amanda S Bitner	1
06947	Beryllium	SW846 6010B	1	11/02/2006 13:47	Amanda S Bitner	1
06949	Cadmium	SW846 6010B	1	11/03/2006 02:42	Eric L Eby	5
06951	Chromium	SW846 6010B	1	11/02/2006 13:47	Amanda S Bitner	1
06952	Cobalt	SW846 6010B	1	11/02/2006 13:47	Amanda S Bitner	1
06953	Copper	SW846 6010B	1	11/02/2006 13:47	Amanda S Bitner	1
06955	Lead	SW846 6010B	1	11/02/2006 13:47	Amanda S Bitner	1
06960	Molybdenum	SW846 6010B	1	11/02/2006 13:47	Amanda S Bitner	1
06961	Nickel	SW846 6010B	1	11/02/2006 13:47	Amanda S Bitner	1
06966	Silver	SW846 6010B	1	11/02/2006 13:47	Amanda S Bitner	1
06971	Vanadium	SW846 6010B	1	11/02/2006 13:47	Amanda S Bitner	1
06972	Zinc	SW846 6010B	1	11/02/2006 13:47	Amanda S Bitner	1
02516	TPH Fuels by GC (Soils)	SW846 8015B modified	1	11/06/2006 21:24	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW846 8260B	1	11/01/2006 07:53	Lauren C Marzario	125.63
00374	GC/MS - Bulk Sample Prep	SW846 5030A	1	10/31/2006 16:48	Lauren C Marzario	n.a.
01150	GC - Bulk Soil Prep	SW846 5035	1	10/30/2006 01:41	ësse L Mertz	n.a.
05708	SWSW46 ICP Digest	SW846 3050B	1	11/01/2006 09:10	Megersa Deyessa	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4902361

SB-1-S-39.5-061026 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB-1
Collected:10/26/2006 15:30 by KJ Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/10/2006 at 10:21
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL139

05711	SWSW46 Hg Digest	SW846 7471A modified	1	11/01/2006 11:30	Megersa Deyessa	1
07004	Extraction - DRO (Soils)	SW846 3550B	1	11/04/2006 10:20	Ineabelle Poveda	1
07024	DRO Alternate Soil Extraction	SW846 3550B	1	11/04/2006 11:30	Sally L Appleyard	1

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco
Reported: 11/10/06 at 10:21 AM

Group Number: 1011945

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 06303A02A	Sample number(s): 4902349-4902355							
TPH-GRO - Soils	N.D.	1.0	mg/kg	90		67-119		
Batch number: 063045708002	Sample number(s): 4902350-4902352							
Thallium	N.D.	1.33	mg/kg	103		77-123		
Arsenic	N.D.	0.912	mg/kg	97		80-119		
Selenium	N.D.	0.979	mg/kg	102		78-122		
Antimony	N.D.	0.903	mg/kg	121		0-211		
Barium	0.0700	0.0230	mg/kg	100		83-117		
Beryllium	N.D.	0.0680	mg/kg	98		83-117		
Cadmium	N.D.	0.0650	mg/kg	99		82-118		
Chromium	N.D.	0.583	mg/kg	119		79-121		
Cobalt	N.D.	0.130	mg/kg	99		82-118		
Copper	N.D.	0.180	mg/kg	99		83-117		
Lead	N.D.	0.441	mg/kg	98		82-118		
Molybdenum	N.D.	0.410	mg/kg	101		80-120		
Nickel	N.D.	0.606	mg/kg	102		82-118		
Silver	N.D.	0.170	mg/kg	102		66-134		
Vanadium	N.D.	0.160	mg/kg	110		68-132		
Zinc	N.D.	0.655	mg/kg	101		79-121		
Batch number: 063045708004	Sample number(s): 4902349							
Thallium	N.D.	1.33	mg/kg	104		77-123		
Arsenic	N.D.	0.912	mg/kg	98		80-119		
Selenium	N.D.	0.979	mg/kg	104		78-122		
Antimony	N.D.	0.903	mg/kg	119		0-211		
Barium	0.0710	0.0230	mg/kg	99		83-117		
Beryllium	N.D.	0.0680	mg/kg	100		83-117		
Cadmium	N.D.	0.0650	mg/kg	100		82-118		
Chromium	N.D.	0.583	mg/kg	113		79-121		
Cobalt	N.D.	0.130	mg/kg	100		82-118		
Lead	N.D.	0.441	mg/kg	99		82-118		
Molybdenum	N.D.	0.410	mg/kg	103		80-120		
Nickel	N.D.	0.606	mg/kg	101		82-118		
Silver	N.D.	0.170	mg/kg	103		66-134		
Vanadium	N.D.	0.160	mg/kg	108		68-132		
Zinc	N.D.	0.655	mg/kg	100		79-121		
Batch number: 063045711002	Sample number(s): 4902349-4902356							
Mercury	N.D.	0.0105	mg/kg	85		66-133		
Batch number: 06304A33A	Sample number(s): 4902358-4902361							
TPH-GRO - Soils	N.D.	1.0	mg/kg	95		67-119		
Batch number: 06304A33B	Sample number(s): 4902356-4902357							
TPH-GRO - Soils	N.D.	1.0	mg/kg	95		67-119		

*- 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
Group Number: 1011945
Reported: 11/10/06 at 10:21 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 063055708001	Sample number(s): 4902358-4902361							
Thallium	N.D.	1.33	mg/kg	101		77-123		
Arsenic	N.D.	0.912	mg/kg	94		80-119		
Selenium	N.D.	0.979	mg/kg	100		78-122		
Antimony	N.D.	0.903	mg/kg	73		0-211		
Barium	0.0530	0.0230	mg/kg	96		83-117		
Beryllium	N.D.	0.0680	mg/kg	98		83-117		
Cadmium	N.D.	0.0650	mg/kg	95		82-118		
Chromium	N.D.	0.583	mg/kg	96		79-121		
Cobalt	N.D.	0.130	mg/kg	98		82-118		
Copper	N.D.	0.180	mg/kg	96		83-117		
Lead	N.D.	0.441	mg/kg	97		82-118		
Molybdenum	N.D.	0.410	mg/kg	97		80-120		
Nickel	N.D.	0.606	mg/kg	98		82-118		
Silver	N.D.	0.170	mg/kg	100		66-134		
Vanadium	N.D.	0.160	mg/kg	86		68-132		
Zinc	N.D.	0.655	mg/kg	97		79-121		
Batch number: 063055708004	Sample number(s): 4902349							
Copper	N.D.	0.180	mg/kg	98		83-117		
Batch number: 063055708005	Sample number(s): 4902353-4902354							
Thallium	N.D.	1.33	mg/kg	104		77-123		
Arsenic	N.D.	0.912	mg/kg	96		80-119		
Selenium	N.D.	0.979	mg/kg	101		78-122		
Antimony	N.D.	0.903	mg/kg	118		0-211		
Barium	0.0700	0.0230	mg/kg	101		83-117		
Beryllium	N.D.	0.0680	mg/kg	99		83-117		
Cadmium	N.D.	0.0650	mg/kg	99		82-118		
Chromium	N.D.	0.583	mg/kg	115		79-121		
Cobalt	N.D.	0.130	mg/kg	99		82-118		
Copper	N.D.	0.180	mg/kg	99		83-117		
Lead	N.D.	0.441	mg/kg	100		82-118		
Molybdenum	N.D.	0.410	mg/kg	102		80-120		
Nickel	N.D.	0.606	mg/kg	101		82-118		
Silver	N.D.	0.170	mg/kg	102		66-134		
Vanadium	N.D.	0.160	mg/kg	106		68-132		
Zinc	N.D.	0.655	mg/kg	101		79-121		
Batch number: 063055711001	Sample number(s): 4902358-4902361							
Mercury	N.D.	0.0105	mg/kg	88		66-133		
Batch number: 063060020A	Sample number(s): 4902349-4902353							
Total TPH	N.D.	10.	mg/kg	87	86	68-115	2	20
TPH Motor Oil C16-C36	N.D.	10.	mg/kg					
Batch number: 063065708002	Sample number(s): 4902356-4902357							
Thallium	N.D.	1.33	mg/kg	100		77-123		
Arsenic	N.D.	0.912	mg/kg	95		80-119		
Selenium	N.D.	0.979	mg/kg	101		78-122		
Antimony	N.D.	0.903	mg/kg	75		0-211		
Barium	0.0680	0.0230	mg/kg	96		83-117		
Beryllium	N.D.	0.0680	mg/kg	96		83-117		
Cadmium	N.D.	0.0650	mg/kg	96		82-118		
Chromium	N.D.	0.583	mg/kg	96		79-121		

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(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 1011945
Reported: 11/10/06 at 10:21 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Cobalt	N.D.	0.130	mg/kg	96		82-118		
Copper	N.D.	0.180	mg/kg	96		83-117		
Lead	N.D.	0.441	mg/kg	97		82-118		
Molybdenum	N.D.	0.410	mg/kg	95		80-120		
Nickel	N.D.	0.606	mg/kg	96		82-118		
Silver	N.D.	0.170	mg/kg	99		66-134		
Vanadium	N.D.	0.160	mg/kg	85		68-132		
Zinc	N.D.	0.655	mg/kg	96		79-121		
Batch number: 063065708005	Sample number(s): 4902355							
Thallium	N.D.	1.33	mg/kg	103		77-123		
Arsenic	N.D.	0.912	mg/kg	95		80-119		
Selenium	N.D.	0.979	mg/kg	103		78-122		
Antimony	N.D.	0.903	mg/kg	116		0-211		
Barium	0.0700	0.0230	mg/kg	97		83-117		
Beryllium	N.D.	0.0680	mg/kg	97		83-117		
Cadmium	N.D.	0.0650	mg/kg	96		82-118		
Chromium	N.D.	0.583	mg/kg	115		79-121		
Cobalt	N.D.	0.130	mg/kg	98		82-118		
Copper	N.D.	0.180	mg/kg	97		83-117		
Lead	N.D.	0.441	mg/kg	96		82-118		
Molybdenum	N.D.	0.410	mg/kg	103		80-120		
Nickel	N.D.	0.606	mg/kg	99		82-118		
Silver	N.D.	0.170	mg/kg	100		66-134		
Vanadium	N.D.	0.160	mg/kg	110		68-132		
Zinc	N.D.	0.655	mg/kg	98		79-121		
Batch number: 063065711001	Sample number(s): 4902357							
Mercury	N.D.	0.0105	mg/kg	92		66-133		
Batch number: 063070019A	Sample number(s): 4902354-4902361							
Total TPH	N.D.	10.	mg/kg	92	86	68-115	7	20
TPH Motor Oil C16-C36	N.D.	10.	mg/kg					
Batch number: 063070021A	Sample number(s): 4902349-4902361							
TPH - DRO (Soils)	N.D.	10.	mg/kg	96	88	53-120	9	20
Batch number: A063051AA	Sample number(s): 4902349-4902350,4902355-4902356							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	99		72-117		
di-Isopropyl ether	N.D.	1.	ug/kg	85		72-120		
Ethyl t-butyl ether	N.D.	1.	ug/kg	93		72-115		
t-Amyl methyl ether	N.D.	1.	ug/kg	94		73-116		
t-Butyl alcohol	N.D.	20.	ug/kg	100		52-153		
Benzene	N.D.	0.5	ug/kg	91		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	106		76-126		
Toluene	N.D.	1.	ug/kg	85		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	93		77-114		
Ethylbenzene	N.D.	1.	ug/kg	94		82-115		
Xylene (Total)	N.D.	1.	ug/kg	93		82-117		
Batch number: Q063042AA	Sample number(s): 4902361							
Methyl Tertiary Butyl Ether	N.D.	63.	ug/kg	93		72-117		
di-Isopropyl ether	N.D.	130.	ug/kg	96		72-120		
Ethyl t-butyl ether	N.D.	130.	ug/kg	92		72-115		
t-Amyl methyl ether	N.D.	130.	ug/kg	88		73-116		

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Quality Control Summary

Client Name: ChevronTexaco
Reported: 11/10/06 at 10:21 AM

Group Number: 1011945

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
t-Butyl alcohol	N.D.	2,500.	ug/kg	98		52-153		
Benzene	N.D.	63.	ug/kg	93		77-119		
1,2-Dichloroethane	N.D.	130.	ug/kg	98		76-126		
Toluene	N.D.	130.	ug/kg	93		81-116		
1,2-Dibromoethane	N.D.	130.	ug/kg	92		77-114		
Ethylbenzene	N.D.	130.	ug/kg	92		82-115		
Xylene (Total)	N.D.	130.	ug/kg	93		82-117		
Batch number: Q063042AB	Sample number(s): 4902351-4902353							
Methyl Tertiary Butyl Ether	N.D.	63.	ug/kg	93		72-117		
di-Isopropyl ether	N.D.	130.	ug/kg	96		72-120		
Ethyl t-butyl ether	N.D.	130.	ug/kg	92		72-115		
t-Amyl methyl ether	N.D.	130.	ug/kg	88		73-116		
t-Butyl alcohol	N.D.	2,500.	ug/kg	98		52-153		
Benzene	N.D.	63.	ug/kg	93		77-119		
1,2-Dichloroethane	N.D.	130.	ug/kg	98		76-126		
Toluene	N.D.	130.	ug/kg	93		81-116		
1,2-Dibromoethane	N.D.	130.	ug/kg	92		77-114		
Ethylbenzene	N.D.	130.	ug/kg	92		82-115		
Xylene (Total)	N.D.	130.	ug/kg	93		82-117		
Batch number: Q063071AB	Sample number(s): 4902354,4902357-4902360							
Methyl Tertiary Butyl Ether	N.D.	63.	ug/kg	97		72-117		
di-Isopropyl ether	N.D.	130.	ug/kg	100		72-120		
Ethyl t-butyl ether	N.D.	130.	ug/kg	93		72-115		
t-Amyl methyl ether	N.D.	130.	ug/kg	91		73-116		
t-Butyl alcohol	N.D.	2,500.	ug/kg	95		52-153		
Benzene	N.D.	63.	ug/kg	99		77-119		
1,2-Dichloroethane	N.D.	130.	ug/kg	101		76-126		
Toluene	N.D.	130.	ug/kg	96		81-116		
1,2-Dibromoethane	N.D.	130.	ug/kg	94		77-114		
Ethylbenzene	N.D.	130.	ug/kg	92		82-115		
Xylene (Total)	N.D.	130.	ug/kg	94		82-117		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 06303A02A	Sample number(s): 4902349-4902355 UNSPK: P896794								
TPH-GRO - Soils	113	107	39-118	5	30				
Batch number: 063045708002	Sample number(s): 4902350-4902352 UNSPK: P903021 BKG: P903021								
Thallium	348*	148*	75-125	81*	20	N.D.	N.D.	27* (1)	20
Arsenic	95	92	75-125	2	20	4.42	5.59	23* (1)	20
Selenium	108	104	75-125	4	20	N.D.	1.12	200* (1)	20
Antimony	52*	51*	75-125	2	20	17.3	7.90	75* (1)	20
Barium	120	114	75-125	3	20	173.	196.	12	20
Beryllium	103	102	83-111	1	20	0.157	0.158	1 (1)	20
Cadmium	144*	99	75-125	15	20	9.30	9.36	1	20
Chromium	584*	79	75-125	76*	20	67.4	74.4	10 (1)	20

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Quality Control Summary

Client Name: ChevronTexaco
Reported: 11/10/06 at 10:21 AM

Group Number: 1011945

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Cobalt	99	98	81-110	0	20	4.48	4.14	8	20
Copper	(2)	(2)	75-125	84*	20	26,000.	12,200.	72*	20
Lead	(2)	(2)	75-125	78*	20	1,740.	1,260.	32*	20
Molybdenum	96	96	77-110	0	20	2.11	1.38	41* (1)	20
Nickel	(2)	(2)	75-125	9	20	348.	205.	51*	20
Silver	26*	12*	75-125	8	20	7.92	5.29	40*	20
Vanadium	93	90	75-125	2	20	21.4	21.5	0	20
Zinc	(2)	(2)	75-125	78*	20	21,700.	18,800.	14	20
Batch number: 063045708004	Sample number(s): 4902349 UNSPK: P895979 BKG: P895979								
Thallium	102	102	75-125	0	20	1.67	1.42	16 (1)	20
Arsenic	106	107	75-125	1	20	6.91	6.79	2 (1)	20
Selenium	107	106	75-125	0	20	N.D.	N.D.	132* (1)	20
Antimony	58*	59*	75-125	2	20	N.D.	N.D.	123* (1)	20
Barium	103	102	75-125	1	20	59.1	59.4	1	20
Beryllium	104	104	83-111	1	20	0.586	0.568	3 (1)	20
Cadmium	102	101	75-125	1	20	0.283	0.299	5 (1)	20
Chromium	104	102	75-125	1	20	30.5	30.5	0	20
Cobalt	100	99	81-110	1	20	6.85	6.75	1	20
Lead	130*	124	75-125	1	20	32.8	35.0	7	20
Molybdenum	96	96	77-110	0	20	0.980	1.03	5 (1)	20
Nickel	101	100	75-125	1	20	16.4	16.3	1	20
Silver	102	102	75-125	0	20	0.421	0.433	3 (1)	20
Vanadium	103	101	75-125	1	20	32.3	32.3	0	20
Zinc	115	109	75-125	2	20	108.	112.	4	20
Batch number: 063045711002	Sample number(s): 4902349-4902356 UNSPK: P895691 BKG: P895691								
Mercury	109	107	80-120	2	20	N.D.	N.D.	-1712 (1)	20
Batch number: 06304A33A	Sample number(s): 4902358-4902361 UNSPK: P901315								
TPH-GRO - Soils	156*	132*	39-118	16	30				
Batch number: 06304A33B	Sample number(s): 4902356-4902357 UNSPK: P901315								
TPH-GRO - Soils	156*	132*	39-118	16	30				
Batch number: 063055708001	Sample number(s): 4902358-4902361 UNSPK: P903040 BKG: P903040								
Thallium	97	101	75-125	4	20	1.53	N.D.	200* (1)	20
Arsenic	91	90	75-125	1	20	6.38	4.50	35* (1)	20
Selenium	106	106	75-125	0	20	N.D.	N.D.	18 (1)	20
Antimony	45*	43*	75-125	5	20	6.58	3.69	56* (1)	20
Barium	95	87	75-125	5	20	95.0	70.0	30*	20
Beryllium	104	101	83-111	2	20	0.268	0.297	10 (1)	20
Cadmium	68*	60*	75-125	3	20	9.69	9.23	5	20
Chromium	100	78	75-125	8	20	38.6	37.8	2	20
Cobalt	100	98	81-110	2	20	4.72	4.57	3	20
Copper	(2)	(2)	75-125	8	20	19,200.	11,900.	47*	20
Lead	(2)	(2)	75-125	23*	20	1,140.	902.	23*	20
Molybdenum	93	89	77-110	5	20	4.36	1.99	75* (1)	20
Nickel	(2)	(2)	75-125	41*	20	249.	156.	46*	20
Silver	55*	42*	75-125	7	20	6.91	3.77	59*	20
Vanadium	103	103	75-125	0	20	33.9	36.6	8	20
Zinc	(2)	(2)	75-125	14	20	12,800.	13,500.	6	20

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Quality Control Summary

Client Name: ChevronTexaco
Group Number: 1011945
Reported: 11/10/06 at 10:21 AM

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 063055708004	Sample number(s): 4902349 UNSPK: P895979 BKG: P895979								
Copper	104	102	75-125	1	20	22.4	24.3	8	20
Batch number: 063055708005	Sample number(s): 4902353-4902354 UNSPK: P896201 BKG: P896201								
Thallium	121	89	75-125	30*	20	N.D.	N.D.	-40 (1)	20
Arsenic	99	94	75-125	4	20	5.18	5.58	7 (1)	20
Selenium	100	96	75-125	3	20	N.D.	N.D.	-1 (1)	20
Antimony	53*	50*	75-125	5	20	1.83	1.75	5 (1)	20
Barium	101	98	75-125	2	20	56.1	56.0	0	20
Beryllium	101	97	83-111	4	20	0.217	0.212	2 (1)	20
Cadmium	100	96	75-125	4	20	0.289	0.295	2 (1)	20
Chromium	101	97	75-125	2	20	25.1	25.0	0	20
Cobalt	99	94	81-110	4	20	5.67	5.44	4	20
Copper	112	157*	75-125	20	20	21.1	18.9	11	20
Lead	101	96	75-125	4	20	3.07	2.83	8 (1)	20
Molybdenum	95	92	77-110	3	20	1.30	1.40	7 (1)	20
Nickel	99	92	75-125	5	20	18.3	17.7	4	20
Silver	103	103	75-125	0	20	N.D.	N.D.	8 (1)	20
Vanadium	103	97	75-125	3	20	37.5	38.7	3	20
Zinc	102	110	75-125	4	20	44.5	42.3	5	20
Batch number: 063055711001	Sample number(s): 4902358-4902361 UNSPK: P899862 BKG: P899862								
Mercury	143*	84	80-120	39*	20	0.0586	0.0500	16 (1)	20
Batch number: 063065708002	Sample number(s): 4902356-4902357 UNSPK: P900678 BKG: P900678								
Thallium	103	100	75-125	3	20	N.D.	N.D.	-656 (1)	20
Arsenic	90	99	75-125	7	20	6.40	4.84	28* (1)	20
Selenium	98	96	75-125	3	20	N.D.	N.D.	-44 (1)	20
Antimony	72*	70*	75-125	4	20	N.D.	N.D.	-20 (1)	20
Barium	101	102	75-125	1	20	17.9	21.9	20	20
Beryllium	102	102	83-111	0	20	0.232	0.240	3 (1)	20
Cadmium	99	99	75-125	1	20	0.150	0.231	43* (1)	20
Chromium	80	97	75-125	10	20	15.2	18.7	21*	20
Cobalt	93	122*	81-110	21*	20	14.7	15.8	7	20
Copper	93	115	75-125	12	20	17.4	15.0	15	20
Lead	89	106	75-125	10	20	8.83	8.30	6	20
Molybdenum	95	95	77-110	1	20	N.D.	0.443	200* (1)	20
Nickel	118	131*	75-125	6	20	44.3	55.5	22*	20
Silver	101	103	75-125	1	20	N.D.	N.D.	42* (1)	20
Vanadium	96	95	75-125	1	20	11.9	12.9	8	20
Zinc	83	146*	75-125	24*	20	69.3	82.1	17	20
Batch number: 063065708005	Sample number(s): 4902355 UNSPK: P904182 BKG: P904182								
Thallium	102	101	75-125	1	20	2.70	2.58	5 (1)	20
Arsenic	99	128*	75-125	20	20	4.15	4.20	1 (1)	20
Selenium	104	107	75-125	3	20	N.D.	N.D.	5 (1)	20
Antimony	59*	56*	75-125	4	20	N.D.	N.D.	-71 (1)	20
Barium	103	106	75-125	2	20	128.	128.	0	20
Beryllium	101	100	83-111	0	20	0.451	0.440	2 (1)	20
Cadmium	79	77	75-125	2	20	0.345	0.335	3 (1)	20
Chromium	103	104	75-125	0	20	40.7	42.4	4	20
Cobalt	98	98	81-110	0	20	10.1	10.2	1	20

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Quality Control Summary

Client Name: ChevronTexaco
Group Number: 1011945
Reported: 11/10/06 at 10:21 AM

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Copper	105	108	75-125	1	20	23.4	23.4	0	20
Lead	102	104	75-125	1	20	4.89	4.62	6 (1)	20
Molybdenum	94	92	77-110	1	20	0.651	0.775	17 (1)	20
Nickel	101	99	75-125	1	20	29.4	30.2	3	20
Silver	102	102	75-125	0	20	0.514	0.535	4 (1)	20
Vanadium	105	112	75-125	3	20	57.5	57.1	1	20
Zinc	101	106	75-125	3	20	41.9	41.4	1	20
Batch number: 063065711001	Sample number(s): 4902357 UNSPK: P900720 BKG: P900720								
Mercury	102	100	80-120	2	20	0.0472	0.0436	8 (1)	20
Batch number: A063051AA	Sample number(s): 4902349-4902350,4902355-4902356 UNSPK: P902062								
Methyl Tertiary Butyl Ether	97	94	47-130	2	30				
di-Isopropyl ether	78	78	58-122	2	30				
Ethyl t-butyl ether	87	87	57-122	1	30				
t-Amyl methyl ether	89	87	58-119	0	30				
t-Butyl alcohol	98	99	51-134	2	30				
Benzene	84	84	59-120	3	30				
1,2-Dichloroethane	105	103	62-130	1	30				
Toluene	79	80	52-121	3	30				
1,2-Dibromoethane	88	87	62-116	0	30				
Ethylbenzene	86	87	54-116	3	30				
Xylene (Total)	86	87	44-127	3	30				
Batch number: Q063042AA	Sample number(s): 4902361 UNSPK: P902055								
Methyl Tertiary Butyl Ether	91	93	47-130	2	30				
di-Isopropyl ether	93	95	58-122	1	30				
Ethyl t-butyl ether	90	90	57-122	0	30				
t-Amyl methyl ether	87	89	58-119	2	30				
t-Butyl alcohol	94	95	51-134	1	30				
Benzene	91	90	59-120	1	30				
1,2-Dichloroethane	95	96	62-130	1	30				
Toluene	92	91	52-121	1	30				
1,2-Dibromoethane	91	93	62-116	2	30				
Ethylbenzene	63	82	54-116	17	30				
Xylene (Total)	38*	70	44-127	24	30				
Batch number: Q063042AB	Sample number(s): 4902351-4902353 UNSPK: P902055								
Methyl Tertiary Butyl Ether	91	93	47-130	2	30				
di-Isopropyl ether	93	95	58-122	1	30				
Ethyl t-butyl ether	90	90	57-122	0	30				
t-Amyl methyl ether	87	89	58-119	2	30				
t-Butyl alcohol	94	95	51-134	1	30				
Benzene	91	90	59-120	1	30				
1,2-Dichloroethane	95	96	62-130	1	30				
Toluene	92	91	52-121	1	30				
1,2-Dibromoethane	91	93	62-116	2	30				
Ethylbenzene	63	82	54-116	17	30				
Xylene (Total)	38*	70	44-127	24	30				
Batch number: Q063071AB	Sample number(s): 4902354,4902357-4902360 UNSPK: P903439								
Methyl Tertiary Butyl Ether	87	88	47-130	1	30				
di-Isopropyl ether	90	91	58-122	1	30				

*- 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
Group Number: 1011945
Reported: 11/10/06 at 10:21 AM

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Ethyl t-butyl ether	85	86	57-122	1	30				
t-Amyl methyl ether	83	83	58-119	0	30				
t-Butyl alcohol	90	91	51-134	2	30				
Benzene	92	91	59-120	1	30				
1,2-Dichloroethane	94	93	62-130	0	30				
Toluene	90	89	52-121	1	30				
1,2-Dibromoethane	87	89	62-116	2	30				
Ethylbenzene	88	89	54-116	2	30				
Xylene (Total)	89	89	44-127	0	30				

Surrogate Quality Control

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

Analysis Name: TPH-GRO - Soils
Batch number: 06303A02A

	Trifluorotoluene-F
4902349	98
4902350	108
4902351	42*
4902352	35*
4902353	49*
4902354	54*
4902355	95
Blank	105
LCS	89
MS	81
MSD	62
Limits:	61-122

Analysis Name: TPH-GRO - Soils
Batch number: 06304A33A

	Trifluorotoluene-F
4902358	2*
4902359	2*
4902360	3*
4902361	3*
Blank	96
LCS	100
MS	90
MSD	91
Limits:	61-122

Analysis Name: TPH-GRO - Soils
Batch number: 06304A33B

*- 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: 11/10/06 at 10:21 AM

Group Number: 1011945

Surrogate Quality Control

	Trifluorotoluene-F
4902356	2*
4902357	6*
Blank	94
LCS	100
MS	90
MSD	91
Limits:	61-122

Analysis Name: TPH Fuels by GC (Soils)
Batch number: 063060020A

	Chlorobenzene	Orthoterphenyl
4902349	84	83
4902350	105	100
4902351	79	100
4902352	72	88
4902353	61	91
Blank	88	85
LCS	107	101
LCSD	91	99
Limits:	10-159	27-139

Analysis Name: TPH Fuels by GC (Soils)
Batch number: 063070019A

	Chlorobenzene	Orthoterphenyl
4902354	64	87
4902355	89	91
4902356	79	89
4902357	378*	406*
4902358	145	36
4902359	59	88
4902360	73	90
4902361	73	86
Blank	93	89
LCS	94	102
LCSD	95	100
Limits:	10-159	27-139

Analysis Name: TPH - DRO (Soils)
Batch number: 063070021A

	Orthoterphenyl
4902349	90
4902350	107
4902351	95
4902352	97
4902353	95
4902354	86
4902355	99
4902356	93
4902357	102
4902358	94

*- 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: 11/10/06 at 10:21 AM

Group Number: 1011945

Surrogate Quality Control

4902359	86
4902360	98
4902361	87
Blank	96
LCS	102
LCSD	99
Limits:	41-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A063051AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4902349	93	83	84	81
4902350	95	83	88	83
4902355	96	85	84	82
4902356	96	84	90	106
Blank	93	82	85	82
LCS	94	84	86	85
MS	96	83	85	85
MSD	97	84	86	85
Limits:	71-114	70-109	70-123	70-111

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: Q063042AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4902361	89	93	95	91
Blank	91	96	95	88
LCS	90	94	93	93
MS	88	92	92	89
MSD	88	94	91	90
Limits:	71-114	70-109	70-123	70-111

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: Q063042AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4902351	91	94	103	100
4902352	88	94	91	90
4902353	85	92	116	111
Blank	91	96	92	87
LCS	90	94	93	93
MS	88	92	92	89
MSD	88	94	91	90
Limits:	71-114	70-109	70-123	70-111

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: Q063071AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4902354	91	92	107	102
4902357	91	94	101	101
4902358	91	94	102	98
4902359	91	94	110	103

*- 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: 11/10/06 at 10:21 AM

Group Number: 1011945

Surrogate Quality Control

4902360	94	97	99	94
Blank	91	94	91	84
LCS	95	97	96	93
MS	90	93	92	90
MSD	90	92	92	93
Limits:	71-114	70-109	70-123	70-111

*- 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

Lancaster Laboratories
Where quality is a science.

102706 -01

For Lancaster Laboratories use only
Acct. #: 10880 Sample #: 4902349-61 SCR#:

C# 1011945

Facility #: 30-7233 (AIL)
Site Address: 2259 First Street, Livermore, CA
Chevron PM: Satya Sinha Lead Consultant: Cambria
Consultant/Office: 5900 Hollis St, Suite A, Emeryville, CA
Consultant Prj. Mgr.: Laura Genin
Consultant Phone #: 510-420-0700 Fax #: 510-420-9170
Sampler: Kamran Javandel
Service Order #: ☐ Non SAR:

Analyses Requested

Preservation Codes

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

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

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

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 X 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	7 Oxygenates 8260B	Lead 7420 ☐ 7421 ☐	TPH mo 8015	CAM 17 Metals 6010
SB-5-15	S		15'	06 10 26	911		X		1	X	X	X		X		X	X
SB-5-19.5	S		19.5'	06 10 26	925		X		1	X	X	X		X		X	X
SB-5-26	S		26'	06 10 26	945		X		1	X	X	X		X		X	X
SB-5-30	S		30'	06 10 26	955		X		1	X	X	X		X		X	X
SB-5-34	S		34'	06 10 26	1000		X		1	X	X	X		X		X	X
SB-5-39.5	S		39.5'	06 10 26	1100		X		1	X	X	X		X		X	X
SB-1-10	S		10'	06 10 26	1235		X		1	X	X	X		X		X	X
SB-1-15	S		15'	06 10 26	1240		X		1	X	X	X		X		X	X
SB-1-22	S		22'	06 10 26	1300		X		1	X	X	X		X		X	X
SB-1-26	S		26'	06 10 26	1310		X		1	X	X	X		X		X	X
SB-1-32	S		32'	06 10 26	1430		X		1	X	X	X		X		X	X
SB-1-35.5	S		35.5	06 10 26	1435		X		1	X	X	X		X		X	X
SB-1-39.5	S		39.5	06 10 26	1530		X		1	X	X	X		X		X	X

Comments / Remarks

Please email results to

kjavandel@cambria-env.com

Turnaround Time Requested (TAT) (please circle)

STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)

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

		Date	Time
Relinquished by: Kamran Javandel	Received by: Elizabeth Leuchendt	10/27/06	1320
Relinquished by: [illegible]	Received by: OHC	10/27/06	1600
Relinquished by:	Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other OHC	Received by:	10/28/06	1045
Temperature Upon Receipt 5 coolers C° 1.3 - 3.6	Custody Seals Intact? Yes No		

3460 Rev. 10/04/01

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppb parts per billion

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

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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Analysis Report

REVISED

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 1011530. Samples arrived at the laboratory on Thursday, October 26, 2006. The PO# for this group is 0015009981 and the release number is SINHA.

Client Description			Lancaster Labs Number
SB-3-S-10-061023	Grab	Soil	4899858
SB-3-S-15-061023	Grab	Soil	4899859
SB-3-S-21-061023	Grab	Soil	4899860
SB-3-S-25-061023	Grab	Soil	4899861
SB-3-S-30-061023	Grab	Soil	4899862
SB-3-S-35-061023	Grab	Soil	4899863
SB-3-S-39.5-061023	Grab	Soil	4899864
SB-5-S-10-061024	Grab	Soil	4899865

ELECTRONIC COPY TO	Cambria	Attn: Laura Genin
ELECTRONIC COPY TO	Cambria Environmental	Attn: Kamran Javandel

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Analysis Report

REVISED

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

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4899858

SB-3-S-10-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 10:10 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:08
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI310

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	N.D.	10.	mg/kg	1
00159	Mercury	7439-97-6	0.147	0.0101	mg/kg	1
06925	Thallium	7440-28-0	N.D.	1.29	mg/kg	1
06935	Arsenic	7440-38-2	5.23	0.885	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.950	mg/kg	1
06944	Antimony	7440-36-0	N.D.	0.877	mg/kg	1
06946	Barium	7440-39-3	154.	0.0223	mg/kg	1
06947	Beryllium	7440-41-7	0.192	0.0660	mg/kg	1
06949	Cadmium	7440-43-9	0.282	0.0631	mg/kg	1
06951	Chromium	7440-47-3	143.	0.566	mg/kg	1
06952	Cobalt	7440-48-4	19.7	0.126	mg/kg	1
06953	Copper	7440-50-8	62.5	0.175	mg/kg	1
06955	Lead	7439-92-1	17.0	0.428	mg/kg	1
06960	Molybdenum	7439-98-7	11.1	0.398	mg/kg	1
06961	Nickel	7440-02-0	150.	0.588	mg/kg	1
06966	Silver	7440-22-4	N.D.	0.165	mg/kg	1
06971	Vanadium	7440-62-2	22.5	0.155	mg/kg	1
06972	Zinc	7440-66-6	39.3	0.636	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	10.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	10.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
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	0.001	0.001	mg/kg	0.99

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4899858

SB-3-S-10-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 10:10 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:08
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI310

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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	0.002	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	10/27/2006 21:22	Linda C Pape	25
05547	TPH - DRO (Soils)	SW-846 8015B	1	11/02/2006 15:20	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	11/01/2006 19:32	Nelli S Markaryan	1
06925	Thallium	SW-846 6010B	1	11/03/2006 20:24	John P Hook	1
06935	Arsenic	SW-846 6010B	1	11/03/2006 20:24	John P Hook	1
06936	Selenium	SW-846 6010B	1	11/03/2006 20:24	John P Hook	1
06944	Antimony	SW-846 6010B	1	11/03/2006 20:24	John P Hook	1
06946	Barium	SW-846 6010B	1	11/03/2006 20:24	John P Hook	1
06947	Beryllium	SW-846 6010B	1	11/03/2006 20:24	John P Hook	1
06949	Cadmium	SW-846 6010B	1	11/03/2006 20:24	John P Hook	1
06951	Chromium	SW-846 6010B	1	11/03/2006 20:24	John P Hook	1
06952	Cobalt	SW-846 6010B	1	11/03/2006 20:24	John P Hook	1
06953	Copper	SW-846 6010B	1	11/03/2006 20:24	John P Hook	1
06955	Lead	SW-846 6010B	1	11/03/2006 20:24	John P Hook	1
06960	Molybdenum	SW-846 6010B	1	11/03/2006 20:24	John P Hook	1
06961	Nickel	SW-846 6010B	1	11/03/2006 20:24	John P Hook	1
06966	Silver	SW-846 6010B	1	11/03/2006 20:24	John P Hook	1
06971	Vanadium	SW-846 6010B	1	11/03/2006 20:24	John P Hook	1
06972	Zinc	SW-846 6010B	1	11/03/2006 20:24	John P Hook	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	11/04/2006 05:37	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/30/2006 20:02	Nicholas R Rossi	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/30/2006 14:39	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	10/26/2006 15:43	Larry E Bevins	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	11/01/2006 10:15	Megersa Deyessa	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	11/01/2006 11:30	Megersa Deyessa	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	11/03/2006 09:00	Denise L Trimby	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	11/01/2006 06:30	Mark P Mastropietro	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4899858

SB-3-S-10-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 10:10 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:08
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI310

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Analysis Report

Lancaster Laboratories Sample No. SW 4899859

SB-3-S-15-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 10:40 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI315

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	N.D.	10.	mg/kg	1
00159	Mercury	7439-97-6	0.0479	0.0100	mg/kg	1
06925	Thallium	7440-28-0	N.D.	1.28	mg/kg	1
06935	Arsenic	7440-38-2	5.99	0.877	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.941	mg/kg	1
06944	Antimony	7440-36-0	1.36	0.868	mg/kg	1
06946	Barium	7440-39-3	172.	0.0221	mg/kg	1
06947	Beryllium	7440-41-7	0.349	0.0654	mg/kg	1
06949	Cadmium	7440-43-9	0.373	0.0625	mg/kg	1
06951	Chromium	7440-47-3	65.5	0.561	mg/kg	1
06952	Cobalt	7440-48-4	18.4	0.125	mg/kg	1
06953	Copper	7440-50-8	33.1	0.173	mg/kg	1
06955	Lead	7439-92-1	11.0	0.424	mg/kg	1
06960	Molybdenum	7439-98-7	N.D.	0.394	mg/kg	1
06961	Nickel	7440-02-0	159.	0.583	mg/kg	1
06966	Silver	7440-22-4	N.D.	0.163	mg/kg	1
06971	Vanadium	7440-62-2	31.4	0.154	mg/kg	1
06972	Zinc	7440-66-6	50.7	0.630	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	10.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	10.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
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

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Analysis Report

Lancaster Laboratories Sample No. SW 4899859

SB-3-S-15-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 10:40 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI315

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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	0.002	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	10/27/2006 22:03	Linda C Pape	25
05547	TPH - DRO (Soils)	SW-846 8015B	1	11/02/2006 16:25	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	11/01/2006 19:33	Nelli S Markaryan	1
06925	Thallium	SW-846 6010B	1	11/03/2006 20:29	John P Hook	1
06935	Arsenic	SW-846 6010B	1	11/03/2006 20:29	John P Hook	1
06936	Selenium	SW-846 6010B	1	11/03/2006 20:29	John P Hook	1
06944	Antimony	SW-846 6010B	1	11/03/2006 20:29	John P Hook	1
06946	Barium	SW-846 6010B	1	11/03/2006 20:29	John P Hook	1
06947	Beryllium	SW-846 6010B	1	11/03/2006 20:29	John P Hook	1
06949	Cadmium	SW-846 6010B	1	11/03/2006 20:29	John P Hook	1
06951	Chromium	SW-846 6010B	1	11/03/2006 20:29	John P Hook	1
06952	Cobalt	SW-846 6010B	1	11/03/2006 20:29	John P Hook	1
06953	Copper	SW-846 6010B	1	11/03/2006 20:29	John P Hook	1
06955	Lead	SW-846 6010B	1	11/03/2006 20:29	John P Hook	1
06960	Molybdenum	SW-846 6010B	1	11/03/2006 20:29	John P Hook	1
06961	Nickel	SW-846 6010B	1	11/03/2006 20:29	John P Hook	1
06966	Silver	SW-846 6010B	1	11/03/2006 20:29	John P Hook	1
06971	Vanadium	SW-846 6010B	1	11/03/2006 20:29	John P Hook	1
06972	Zinc	SW-846 6010B	1	11/03/2006 20:29	John P Hook	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	11/04/2006 06:21	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/30/2006 20:26	Nicholas R Rossi	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/30/2006 14:41	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	10/26/2006 15:48	Larry E Bevins	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	11/01/2006 10:15	Megersa Deyessa	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	11/01/2006 11:30	Megersa Deyessa	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	11/03/2006 09:00	Denise L Trimby	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	11/01/2006 06:30	Mark P Mastropietro	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4899859

SB-3-S-15-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 10:40 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI315

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Analysis Report

Lancaster Laboratories Sample No. SW 4899860

SB-3-S-21-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 10:55 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI321

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	1,800.	400.	mg/kg	10000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	82.	20.	mg/kg	2
00159	Mercury	7439-97-6	0.0354	0.0097	mg/kg	1
06925	Thallium	7440-28-0	N.D.	1.32	mg/kg	1
06935	Arsenic	7440-38-2	3.65	0.903	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.969	mg/kg	1
06944	Antimony	7440-36-0	1.39	0.894	mg/kg	1
06946	Barium	7440-39-3	113.	0.0228	mg/kg	1
06947	Beryllium	7440-41-7	0.245	0.0673	mg/kg	1
06949	Cadmium	7440-43-9	0.107	0.0644	mg/kg	1
06951	Chromium	7440-47-3	40.2	0.577	mg/kg	1
06952	Cobalt	7440-48-4	10.2	0.129	mg/kg	1
06953	Copper	7440-50-8	20.4	0.178	mg/kg	1
06955	Lead	7439-92-1	6.50	0.437	mg/kg	1
06960	Molybdenum	7439-98-7	N.D.	0.406	mg/kg	1
06961	Nickel	7440-02-0	82.0	0.600	mg/kg	1
06966	Silver	7440-22-4	N.D.	0.168	mg/kg	1
06971	Vanadium	7440-62-2	21.0	0.158	mg/kg	1
06972	Zinc	7440-66-6	35.5	0.649	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	20.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	20.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.062	mg/kg	123.76
02017	di-Isopropyl ether	108-20-3	N.D.	0.12	mg/kg	123.76
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.12	mg/kg	123.76
02019	t-Amyl methyl ether	994-05-8	N.D.	0.12	mg/kg	123.76
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	123.76
05460	Benzene	71-43-2	N.D.	0.062	mg/kg	123.76

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Analysis Report

Lancaster Laboratories Sample No. SW 4899860

SB-3-S-21-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 10:55 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI321

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05461	1,2-Dichloroethane	107-06-2	N.D.	0.12	mg/kg	123.76
05466	Toluene	108-88-3	N.D.	0.12	mg/kg	123.76
05471	1,2-Dibromoethane	106-93-4	N.D.	0.12	mg/kg	123.76
05474	Ethylbenzene	100-41-4	4.8	0.12	mg/kg	123.76
06301	Xylene (Total)	1330-20-7	15.	0.12	mg/kg	123.76

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	10/27/2006 22:44	Linda C Pape	10000
05547	TPH - DRO (Soils)	SW-846 8015B	1	11/03/2006 12:12	Tracy A Cole	2
00159	Mercury	SW-846 7471A	1	11/01/2006 19:35	Nelli S Markaryan	1
06925	Thallium	SW-846 6010B	1	11/03/2006 20:33	John P Hook	1
06935	Arsenic	SW-846 6010B	1	11/03/2006 20:33	John P Hook	1
06936	Selenium	SW-846 6010B	1	11/03/2006 20:33	John P Hook	1
06944	Antimony	SW-846 6010B	1	11/03/2006 20:33	John P Hook	1
06946	Barium	SW-846 6010B	1	11/03/2006 20:33	John P Hook	1
06947	Beryllium	SW-846 6010B	1	11/03/2006 20:33	John P Hook	1
06949	Cadmium	SW-846 6010B	1	11/03/2006 20:33	John P Hook	1
06951	Chromium	SW-846 6010B	1	11/03/2006 20:33	John P Hook	1
06952	Cobalt	SW-846 6010B	1	11/03/2006 20:33	John P Hook	1
06953	Copper	SW-846 6010B	1	11/03/2006 20:33	John P Hook	1
06955	Lead	SW-846 6010B	1	11/03/2006 20:33	John P Hook	1
06960	Molybdenum	SW-846 6010B	1	11/03/2006 20:33	John P Hook	1
06961	Nickel	SW-846 6010B	1	11/03/2006 20:33	John P Hook	1
06966	Silver	SW-846 6010B	1	11/03/2006 20:33	John P Hook	1
06971	Vanadium	SW-846 6010B	1	11/03/2006 20:33	John P Hook	1
06972	Zinc	SW-846 6010B	1	11/03/2006 20:33	John P Hook	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	11/04/2006 07:04	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/30/2006 13:13	Seth J Good	123.76
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/30/2006 06:54	Seth J Good	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	10/26/2006 15:52	Larry E Bevins	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	11/01/2006 10:15	Megersa Deyessa	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	11/01/2006 11:30	Megersa Deyessa	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4899860

SB-3-S-21-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 10:55 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI321

07004	Extraction - DRO (Soils)	SW-846 3550B	1	11/03/2006 09:00	Denise L Trimby	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	11/01/2006 06:30	Mark P Mastropietro	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4899861

SB-3-S-25-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 11:05 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI325

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	8,700.	800.	mg/kg	20000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	3,000.	500.	mg/kg	50
00159	Mercury	7439-97-6	0.0454	0.0100	mg/kg	1
06925	Thallium	7440-28-0	N.D.	1.33	mg/kg	1
06935	Arsenic	7440-38-2	7.47	0.912	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.979	mg/kg	1
06944	Antimony	7440-36-0	1.65	0.903	mg/kg	1
06946	Barium	7440-39-3	154.	0.0230	mg/kg	1
06947	Beryllium	7440-41-7	0.388	0.0680	mg/kg	1
06949	Cadmium	7440-43-9	0.312	0.0650	mg/kg	1
06951	Chromium	7440-47-3	62.4	0.583	mg/kg	1
06952	Cobalt	7440-48-4	17.7	0.130	mg/kg	1
06953	Copper	7440-50-8	36.8	0.180	mg/kg	1
06955	Lead	7439-92-1	11.1	0.441	mg/kg	1
06960	Molybdenum	7439-98-7	N.D.	0.410	mg/kg	1
06961	Nickel	7440-02-0	137.	0.606	mg/kg	1
06966	Silver	7440-22-4	N.D.	0.170	mg/kg	1
06971	Vanadium	7440-62-2	33.2	0.160	mg/kg	1
06972	Zinc	7440-66-6	54.0	0.655	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	88.	20.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	88.	20.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. 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 motor oil. It elutes earlier than motor oil. The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.					
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.31	mg/kg	621.89
02017	di-Isopropyl ether	108-20-3	N.D.	0.62	mg/kg	621.89

Lancaster Laboratories Sample No. SW 4899861

SB-3-S-25-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 11:05 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI325

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.62	mg/kg	621.89
02019	t-Amyl methyl ether	994-05-8	N.D.	0.62	mg/kg	621.89
02020	t-Butyl alcohol	75-65-0	N.D.	12.	mg/kg	621.89
05460	Benzene	71-43-2	14.	0.31	mg/kg	621.89
05461	1,2-Dichloroethane	107-06-2	N.D.	0.62	mg/kg	621.89
05466	Toluene	108-88-3	410.	6.2	mg/kg	6218.91
05471	1,2-Dibromoethane	106-93-4	N.D.	0.62	mg/kg	621.89
05474	Ethylbenzene	100-41-4	120.	0.62	mg/kg	621.89
06301	Xylene (Total)	1330-20-7	770.	6.2	mg/kg	6218.91

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	10/27/2006 23:25	Linda C Pape	20000
05547	TPH - DRO (Soils)	SW-846 8015B	1	11/03/2006 12:54	Tracy A Cole	50
00159	Mercury	SW-846 7471A	1	11/01/2006 19:36	Nelli S Markaryan	1
06925	Thallium	SW-846 6010B	1	11/03/2006 20:38	John P Hook	1
06935	Arsenic	SW-846 6010B	1	11/03/2006 20:38	John P Hook	1
06936	Selenium	SW-846 6010B	1	11/03/2006 20:38	John P Hook	1
06944	Antimony	SW-846 6010B	1	11/03/2006 20:38	John P Hook	1
06946	Barium	SW-846 6010B	1	11/03/2006 20:38	John P Hook	1
06947	Beryllium	SW-846 6010B	1	11/03/2006 20:38	John P Hook	1
06949	Cadmium	SW-846 6010B	1	11/03/2006 20:38	John P Hook	1
06951	Chromium	SW-846 6010B	1	11/03/2006 20:38	John P Hook	1
06952	Cobalt	SW-846 6010B	1	11/03/2006 20:38	John P Hook	1
06953	Copper	SW-846 6010B	1	11/03/2006 20:38	John P Hook	1
06955	Lead	SW-846 6010B	1	11/03/2006 20:38	John P Hook	1
06960	Molybdenum	SW-846 6010B	1	11/03/2006 20:38	John P Hook	1
06961	Nickel	SW-846 6010B	1	11/03/2006 20:38	John P Hook	1
06966	Silver	SW-846 6010B	1	11/03/2006 20:38	John P Hook	1
06971	Vanadium	SW-846 6010B	1	11/03/2006 20:38	John P Hook	1
06972	Zinc	SW-846 6010B	1	11/03/2006 20:38	John P Hook	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	11/04/2006 07:47	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/30/2006 13:38	Seth J Good	621.89

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Analysis Report

Lancaster Laboratories Sample No. SW 4899861

SB-3-S-25-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 11:05 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

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LI325

07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/30/2006 14:02	Seth J Good	6218.9 1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/30/2006 06:55	Seth J Good	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	10/26/2006 15:58	Larry E Bevins	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	11/01/2006 10:15	Megersa Deyessa	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	11/01/2006 11:30	Megersa Deyessa	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	11/03/2006 09:00	Denise L Trimby	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	11/01/2006 06:30	Mark P Mastropietro	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4899862

SB-3-S-30-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 11:40 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

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San Ramon CA 94583

LI330

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	5,400.	400.	mg/kg	10000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	230.	20.	mg/kg	2
00159	Mercury	7439-97-6	0.0586	0.0101	mg/kg	1
06925	Thallium	7440-28-0	N.D.	1.33	mg/kg	1
06935	Arsenic	7440-38-2	6.53	0.912	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.979	mg/kg	1
06944	Antimony	7440-36-0	1.74	0.903	mg/kg	1
06946	Barium	7440-39-3	161.	0.0230	mg/kg	1
06947	Beryllium	7440-41-7	0.381	0.0680	mg/kg	1
06949	Cadmium	7440-43-9	0.261	0.0650	mg/kg	1
06951	Chromium	7440-47-3	67.0	0.583	mg/kg	1
06952	Cobalt	7440-48-4	17.3	0.130	mg/kg	1
06953	Copper	7440-50-8	34.1	0.180	mg/kg	1
06955	Lead	7439-92-1	8.71	0.441	mg/kg	1
06960	Molybdenum	7439-98-7	0.645	0.410	mg/kg	1
06961	Nickel	7440-02-0	158.	0.606	mg/kg	1
06966	Silver	7440-22-4	N.D.	0.170	mg/kg	1
06971	Vanadium	7440-62-2	33.1	0.160	mg/kg	1
06972	Zinc	7440-66-6	56.6	0.655	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	20.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	20.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.062	mg/kg	124.38
02017	di-Isopropyl ether	108-20-3	N.D.	0.12	mg/kg	124.38
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.12	mg/kg	124.38
02019	t-Amyl methyl ether	994-05-8	N.D.	0.12	mg/kg	124.38
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	124.38
05460	Benzene	71-43-2	3.2	0.062	mg/kg	124.38

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Analysis Report

Lancaster Laboratories Sample No. SW 4899862

SB-3-S-30-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 11:40 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

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LI330.

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05461	1,2-Dichloroethane	107-06-2	N.D.	0.12	mg/kg	124.38
05466	Toluene	108-88-3	68.	1.2	mg/kg	1243.78
05471	1,2-Dibromoethane	106-93-4	N.D.	0.12	mg/kg	124.38
05474	Ethylbenzene	100-41-4	40.	1.2	mg/kg	1243.78
06301	Xylene (Total)	1330-20-7	250.	1.2	mg/kg	1243.78

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	10/28/2006 00:05	Linda C Pape	10000
05547	TPH - DRO (Soils)	SW-846 8015B	1	11/03/2006 12:33	Tracy A Cole	2
00159	Mercury	SW-846 7471A	1	11/01/2006 19:41	Nelli S Markaryan	1
06925	Thallium	SW-846 6010B	1	11/03/2006 20:43	John P Hook	1
06935	Arsenic	SW-846 6010B	1	11/03/2006 20:43	John P Hook	1
06936	Selenium	SW-846 6010B	1	11/03/2006 20:43	John P Hook	1
06944	Antimony	SW-846 6010B	1	11/03/2006 20:43	John P Hook	1
06946	Barium	SW-846 6010B	1	11/03/2006 20:43	John P Hook	1
06947	Beryllium	SW-846 6010B	1	11/03/2006 20:43	John P Hook	1
06949	Cadmium	SW-846 6010B	1	11/03/2006 20:43	John P Hook	1
06951	Chromium	SW-846 6010B	1	11/03/2006 20:43	John P Hook	1
06952	Cobalt	SW-846 6010B	1	11/03/2006 20:43	John P Hook	1
06953	Copper	SW-846 6010B	1	11/03/2006 20:43	John P Hook	1
06955	Lead	SW-846 6010B	1	11/03/2006 20:43	John P Hook	1
06960	Molybdenum	SW-846 6010B	1	11/03/2006 20:43	John P Hook	1
06961	Nickel	SW-846 6010B	1	11/03/2006 20:43	John P Hook	1
06966	Silver	SW-846 6010B	1	11/03/2006 20:43	John P Hook	1
06971	Vanadium	SW-846 6010B	1	11/03/2006 20:43	John P Hook	1
06972	Zinc	SW-846 6010B	1	11/03/2006 20:43	John P Hook	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	11/04/2006 09:14	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/30/2006 21:26	Lauren C Marzario	124.38
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/30/2006 21:50	Lauren C Marzario	1243.78
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/30/2006 06:56	Lauren C Marzario	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	10/26/2006 16:02	Larry E Bevins	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	11/01/2006 10:15	Megersa Deyessa	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4899862

SB-3-S-30-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 11:40 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

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05711	SW SW846 Hg Digest	SW-846 7471A modified	1	11/01/2006 11:30	Megersa Deyessa	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	11/03/2006 09:00	Denise L Trimby	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	11/01/2006 06:30	Mark P Mastropietro	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4899863

SB-3-S-35-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 11:50 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI335

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	630.	200.	mg/kg	5000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	17.	10.	mg/kg	1
00159	Mercury	7439-97-6	0.238	0.0100	mg/kg	1
06925	Thallium	7440-28-0	N.D.	1.27	mg/kg	1
06935	Arsenic	7440-38-2	6.09	0.869	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.932	mg/kg	1
06944	Antimony	7440-36-0	2.21	0.860	mg/kg	1
06946	Barium	7440-39-3	185.	0.0219	mg/kg	1
06947	Beryllium	7440-41-7	0.450	0.0648	mg/kg	1
06949	Cadmium	7440-43-9	0.293	0.0619	mg/kg	1
06951	Chromium	7440-47-3	78.8	0.555	mg/kg	1
06952	Cobalt	7440-48-4	16.9	0.124	mg/kg	1
06953	Copper	7440-50-8	36.9	0.171	mg/kg	1
06955	Lead	7439-92-1	7.97	0.420	mg/kg	1
06960	Molybdenum	7439-98-7	N.D.	0.390	mg/kg	1
06961	Nickel	7440-02-0	173.	0.577	mg/kg	1
06966	Silver	7440-22-4	N.D.	0.162	mg/kg	1
06971	Vanadium	7440-62-2	40.2	0.152	mg/kg	1
06972	Zinc	7440-66-6	53.7	0.624	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	10.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	10.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.062	mg/kg	124.07
02017	di-Isopropyl ether	108-20-3	N.D.	0.12	mg/kg	124.07
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.12	mg/kg	124.07
02019	t-Amyl methyl ether	994-05-8	N.D.	0.12	mg/kg	124.07
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	124.07
05460	Benzene	71-43-2	0.080	0.062	mg/kg	124.07
05461	1,2-Dichloroethane	107-06-2	N.D.	0.12	mg/kg	124.07
05466	Toluene	108-88-3	N.D.	0.12	mg/kg	124.07

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Analysis Report

Lancaster Laboratories Sample No. SW 4899863

SB-3-S-35-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 11:50 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI335

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05471	1,2-Dibromoethane	106-93-4	N.D.	0.12	mg/kg	124.07
05474	Ethylbenzene	100-41-4	0.56	0.12	mg/kg	124.07
06301	Xylene (Total)	1330-20-7	1.1	0.12	mg/kg	124.07

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	10/28/2006 00:46	Linda C Pape	5000
05547	TPH - DRO (Soils)	SW-846 8015B	1	11/03/2006 10:36	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	11/03/2006 09:25	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	11/03/2006 23:21	John P Hook	1
06935	Arsenic	SW-846 6010B	1	11/03/2006 23:21	John P Hook	1
06936	Selenium	SW-846 6010B	1	11/03/2006 23:21	John P Hook	1
06944	Antimony	SW-846 6010B	1	11/03/2006 23:21	John P Hook	1
06946	Barium	SW-846 6010B	1	11/03/2006 23:21	John P Hook	1
06947	Beryllium	SW-846 6010B	1	11/03/2006 23:21	John P Hook	1
06949	Cadmium	SW-846 6010B	1	11/03/2006 23:21	John P Hook	1
06951	Chromium	SW-846 6010B	1	11/03/2006 23:21	John P Hook	1
06952	Cobalt	SW-846 6010B	1	11/03/2006 23:21	John P Hook	1
06953	Copper	SW-846 6010B	1	11/03/2006 23:21	John P Hook	1
06955	Lead	SW-846 6010B	1	11/03/2006 23:21	John P Hook	1
06960	Molybdenum	SW-846 6010B	1	11/03/2006 23:21	John P Hook	1
06961	Nickel	SW-846 6010B	1	11/03/2006 23:21	John P Hook	1
06966	Silver	SW-846 6010B	1	11/03/2006 23:21	John P Hook	1
06971	Vanadium	SW-846 6010B	1	11/03/2006 23:21	John P Hook	1
06972	Zinc	SW-846 6010B	1	11/03/2006 23:21	John P Hook	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	11/04/2006 09:57	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/30/2006 22:38	Lauren C Marzario	124.07
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/30/2006 06:58	Lauren C Marzario	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	10/26/2006 16:06	Larry E Bevins	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	11/02/2006 10:30	Megersa Deyessa	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	11/02/2006 11:50	Megersa Deyessa	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	11/03/2006 09:00	Denise L Trimby	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	11/01/2006 06:30	Mark P Mastropietro	1

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Analysis Report

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Lancaster Laboratories Sample No. SW 4899863

SB-3-S-35-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 11:50 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
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Analysis Report

Lancaster Laboratories Sample No. SW 4899864

SB-3-S-39.5-061023 Grab Soil
Facility# 307233 **CETR**
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 12:00 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI339

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	130.	10.	mg/kg	250
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	62.	10.	mg/kg	1
00159	Mercury	7439-97-6	0.0629	0.010	mg/kg	1
06925	Thallium	7440-28-0	N.D.	1.28	mg/kg	1
06935	Arsenic	7440-38-2	6.99	0.877	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.941	mg/kg	1
06944	Antimony	7440-36-0	1.47	0.868	mg/kg	1
06946	Barium	7440-39-3	180.	0.0221	mg/kg	1
06947	Beryllium	7440-41-7	0.438	0.0654	mg/kg	1
06949	Cadmium	7440-43-9	0.236	0.0625	mg/kg	1
06951	Chromium	7440-47-3	70.0	0.561	mg/kg	1
06952	Cobalt	7440-48-4	20.0	0.125	mg/kg	1
06953	Copper	7440-50-8	39.6	0.173	mg/kg	1
06955	Lead	7439-92-1	9.91	0.424	mg/kg	1
06960	Molybdenum	7439-98-7	N.D.	0.394	mg/kg	1
06961	Nickel	7440-02-0	178.	0.583	mg/kg	1
06966	Silver	7440-22-4	N.D.	0.163	mg/kg	1
06971	Vanadium	7440-62-2	37.9	0.154	mg/kg	1
06972	Zinc	7440-66-6	55.7	0.630	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	20.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	20.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	125.31
02017	di-Isopropyl ether	108-20-3	N.D.	0.13	mg/kg	125.31
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.13	mg/kg	125.31
02019	t-Amyl methyl ether	994-05-8	N.D.	0.13	mg/kg	125.31
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	125.31
05460	Benzene	71-43-2	0.23	0.063	mg/kg	125.31

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Analysis Report

Lancaster Laboratories Sample No. SW 4899864

SB-3-S-39.5-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 12:00 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI339

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05461	1,2-Dichloroethane	107-06-2	N.D.	0.13	mg/kg	125.31
05466	Toluene	108-88-3	1.5	0.13	mg/kg	125.31
05471	1,2-Dibromoethane	106-93-4	N.D.	0.13	mg/kg	125.31
05474	Ethylbenzene	100-41-4	0.81	0.13	mg/kg	125.31
06301	Xylene (Total)	1330-20-7	5.5	0.13	mg/kg	125.31

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	10/28/2006 02:48	Linda C Pape	250
05547	TPH - DRO (Soils)	SW-846 8015B	1	11/02/2006 18:19	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	11/03/2006 09:26	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	11/03/2006 23:26	John P Hook	1
06935	Arsenic	SW-846 6010B	1	11/03/2006 23:26	John P Hook	1
06936	Selenium	SW-846 6010B	1	11/03/2006 23:26	John P Hook	1
06944	Antimony	SW-846 6010B	1	11/03/2006 23:26	John P Hook	1
06946	Barium	SW-846 6010B	1	11/03/2006 23:26	John P Hook	1
06947	Beryllium	SW-846 6010B	1	11/03/2006 23:26	John P Hook	1
06949	Cadmium	SW-846 6010B	1	11/03/2006 23:26	John P Hook	1
06951	Chromium	SW-846 6010B	1	11/03/2006 23:26	John P Hook	1
06952	Cobalt	SW-846 6010B	1	11/03/2006 23:26	John P Hook	1
06953	Copper	SW-846 6010B	1	11/03/2006 23:26	John P Hook	1
06955	Lead	SW-846 6010B	1	11/03/2006 23:26	John P Hook	1
06960	Molybdenum	SW-846 6010B	1	11/03/2006 23:26	John P Hook	1
06961	Nickel	SW-846 6010B	1	11/03/2006 23:26	John P Hook	1
06966	Silver	SW-846 6010B	1	11/03/2006 23:26	John P Hook	1
06971	Vanadium	SW-846 6010B	1	11/03/2006 23:26	John P Hook	1
06972	Zinc	SW-846 6010B	1	11/03/2006 23:26	John P Hook	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	11/04/2006 10:41	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/30/2006 23:02	Lauren C Marzario	125.31
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/30/2006 06:59	Lauren C Marzario	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	10/26/2006 16:11	Larry E Bevins	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	11/02/2006 10:30	Megersa Deyessa	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	11/02/2006 11:50	Megersa Deyessa	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4899864

SB-3-S-39.5-061023 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-3
Collected:10/23/2006 12:00 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI339

07004	Extraction - DRO (Soils)	SW-846 3550B	1	11/03/2006 09:00	Denise L Trimby	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	11/01/2006 06:30	Mark P Mastropietro	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4899865

SB-5-S-10-061024 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-5
Collected:10/24/2006 08:50 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI510

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	N.D.	10.	mg/kg	1
00159	Mercury	7439-97-6	0.0703	0.0100	mg/kg	1
06925	Thallium	7440-28-0	N.D.	1.30	mg/kg	1
06935	Arsenic	7440-38-2	4.55	0.894	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.960	mg/kg	1
06944	Antimony	7440-36-0	1.39	0.885	mg/kg	1
06946	Barium	7440-39-3	128.	0.0225	mg/kg	1
06947	Beryllium	7440-41-7	0.269	0.0667	mg/kg	1
06949	Cadmium	7440-43-9	N.D.	0.0637	mg/kg	1
06951	Chromium	7440-47-3	56.9	0.572	mg/kg	1
06952	Cobalt	7440-48-4	12.2	0.127	mg/kg	1
06953	Copper	7440-50-8	24.1	0.176	mg/kg	1
06955	Lead	7439-92-1	5.63	0.432	mg/kg	1
06960	Molybdenum	7439-98-7	N.D.	0.402	mg/kg	1
06961	Nickel	7440-02-0	157.	0.594	mg/kg	1
06966	Silver	7440-22-4	N.D.	0.167	mg/kg	1
06971	Vanadium	7440-62-2	29.3	0.157	mg/kg	1
06972	Zinc	7440-66-6	47.0	0.642	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	10.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	10.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
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	0.001	0.001	mg/kg	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4899865

SB-5-S-10-061024 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-5
Collected:10/24/2006 08:50 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI510

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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	0.002	0.001	mg/kg	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	10/30/2006 14:21	Linda C Pape	25
05547	TPH - DRO (Soils)	SW-846 8015B	1	11/02/2006 18:41	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	11/03/2006 09:27	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	11/03/2006 23:31	John P Hook	1
06935	Arsenic	SW-846 6010B	1	11/03/2006 23:31	John P Hook	1
06936	Selenium	SW-846 6010B	1	11/03/2006 23:31	John P Hook	1
06944	Antimony	SW-846 6010B	1	11/03/2006 23:31	John P Hook	1
06946	Barium	SW-846 6010B	1	11/03/2006 23:31	John P Hook	1
06947	Beryllium	SW-846 6010B	1	11/03/2006 23:31	John P Hook	1
06949	Cadmium	SW-846 6010B	1	11/03/2006 23:31	John P Hook	1
06951	Chromium	SW-846 6010B	1	11/03/2006 23:31	John P Hook	1
06952	Cobalt	SW-846 6010B	1	11/03/2006 23:31	John P Hook	1
06953	Copper	SW-846 6010B	1	11/03/2006 23:31	John P Hook	1
06955	Lead	SW-846 6010B	1	11/03/2006 23:31	John P Hook	1
06960	Molybdenum	SW-846 6010B	1	11/03/2006 23:31	John P Hook	1
06961	Nickel	SW-846 6010B	1	11/03/2006 23:31	John P Hook	1
06966	Silver	SW-846 6010B	1	11/03/2006 23:31	John P Hook	1
06971	Vanadium	SW-846 6010B	1	11/03/2006 23:31	John P Hook	1
06972	Zinc	SW-846 6010B	1	11/03/2006 23:31	John P Hook	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	11/04/2006 11:24	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/30/2006 20:49	Nicholas R Rossi	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/30/2006 14:43	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	10/26/2006 16:16	Larry E Bevins	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	11/02/2006 10:30	Megersa Deyessa	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	11/02/2006 11:50	Megersa Deyessa	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	11/03/2006 09:00	Denise L Trimby	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	11/01/2006 06:30	Mark P Mastropietro	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4899865

SB-5-S-10-061024 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore T0600196622 SB-5
Collected:10/24/2006 08:50 by KJ

Account Number: 10880

Submitted: 10/26/2006 09:40
Reported: 11/10/2006 at 10:09
Discard: 12/11/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI510

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 1011530
Reported: 11/10/06 at 10:09 AM

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 06300A02A	Sample number(s): 4899858-4899863							
TPH-GRO - Soils	N.D.	1.0	mg/kg	87		67-119		
Batch number: 06300A02B	Sample number(s): 4899864							
TPH-GRO - Soils	N.D.	1.0	mg/kg	87		67-119		
Batch number: 06303A02A	Sample number(s): 4899865							
TPH-GRO - Soils	N.D.	1.0	mg/kg	90		67-119		
Batch number: 063040014A	Sample number(s): 4899858-4899865							
TPH - DRO (Soils)	N.D.	10.	mg/kg	88		53-120		
Batch number: 063055708003	Sample number(s): 4899858-4899862							
Thallium	N.D.	1.33	mg/kg	100		77-123		
Arsenic	N.D.	0.912	mg/kg	95		80-119		
Selenium	N.D.	0.979	mg/kg	102		78-122		
Antimony	N.D.	0.903	mg/kg	75		0-211		
Barium	0.0610	0.0230	mg/kg	94		83-117		
Beryllium	N.D.	0.0680	mg/kg	98		83-117		
Cadmium	N.D.	0.0650	mg/kg	99		82-118		
Chromium	N.D.	0.583	mg/kg	99		79-121		
Cobalt	N.D.	0.130	mg/kg	97		82-118		
Copper	N.D.	0.180	mg/kg	94		83-117		
Lead	N.D.	0.441	mg/kg	96		82-118		
Molybdenum	N.D.	0.410	mg/kg	98		80-120		
Nickel	N.D.	0.606	mg/kg	97		82-118		
Silver	N.D.	0.170	mg/kg	98		66-134		
Vanadium	N.D.	0.160	mg/kg	86		68-132		
Zinc	0.831	0.655	mg/kg	99		79-121		
Batch number: 063055711001	Sample number(s): 4899858-4899862							
Mercury	N.D.	0.0105	mg/kg	88		66-133		
Batch number: 063060020A	Sample number(s): 4899858-4899865							
Total TPH	N.D.	10.	mg/kg	87	86	68-115	2	20
TPH Motor Oil C16-C36	N.D.	10.	mg/kg					
Batch number: 063065708002	Sample number(s): 4899863-4899865							
Thallium	N.D.	1.33	mg/kg	100		77-123		
Arsenic	N.D.	0.912	mg/kg	95		80-119		
Selenium	N.D.	0.979	mg/kg	101		78-122		
Antimony	N.D.	0.903	mg/kg	75		0-211		
Barium	0.0680	0.0230	mg/kg	96		83-117		
Beryllium	N.D.	0.0680	mg/kg	96		83-117		
Cadmium	N.D.	0.0650	mg/kg	96		82-118		
Chromium	N.D.	0.583	mg/kg	96		79-121		
Cobalt	N.D.	0.130	mg/kg	96		82-118		

*- 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
Group Number: 1011530
Reported: 11/10/06 at 10:09 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Copper	N.D.	0.180	mg/kg	96		83-117		
Lead	N.D.	0.441	mg/kg	97		82-118		
Molybdenum	N.D.	0.410	mg/kg	95		80-120		
Nickel	N.D.	0.606	mg/kg	96		82-118		
Silver	N.D.	0.170	mg/kg	99		66-134		
Vanadium	N.D.	0.160	mg/kg	85		68-132		
Zinc	N.D.	0.655	mg/kg	96		79-121		
Batch number: 063065711001	Sample number(s): 4899863-4899865							
Mercury	N.D.	0.0105	mg/kg	92		66-133		
Batch number: B063031AB	Sample number(s): 4899858-4899859,4899865							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	81		72-117		
di-Isopropyl ether	N.D.	1.	ug/kg	90		72-120		
Ethyl t-butyl ether	N.D.	1.	ug/kg	81		72-115		
t-Amyl methyl ether	N.D.	1.	ug/kg	81		73-116		
t-Butyl alcohol	N.D.	20.	ug/kg	99		52-153		
Benzene	N.D.	0.5	ug/kg	108		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	102		76-126		
Toluene	N.D.	1.	ug/kg	112		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	92		77-114		
Ethylbenzene	N.D.	1.	ug/kg	102		82-115		
Xylene (Total)	N.D.	1.	ug/kg	103		82-117		
Batch number: Q062991AC	Sample number(s): 4899860-4899861							
Methyl Tertiary Butyl Ether	N.D.	63.	ug/kg	103		72-117		
di-Isopropyl ether	N.D.	130.	ug/kg	107		72-120		
Ethyl t-butyl ether	N.D.	130.	ug/kg	102		72-115		
t-Amyl methyl ether	N.D.	130.	ug/kg	100		73-116		
t-Butyl alcohol	N.D.	2,500.	ug/kg	96		52-153		
Benzene	N.D.	63.	ug/kg	103		77-119		
1,2-Dichloroethane	N.D.	130.	ug/kg	105		76-126		
Toluene	N.D.	130.	ug/kg	99		81-116		
1,2-Dibromoethane	N.D.	130.	ug/kg	96		77-114		
Ethylbenzene	N.D.	130.	ug/kg	99		82-115		
Xylene (Total)	N.D.	130.	ug/kg	98		82-117		
Batch number: Q062991AD	Sample number(s): 4899862-4899864							
Methyl Tertiary Butyl Ether	N.D.	63.	ug/kg	103		72-117		
di-Isopropyl ether	N.D.	130.	ug/kg	107		72-120		
Ethyl t-butyl ether	N.D.	130.	ug/kg	102		72-115		
t-Amyl methyl ether	N.D.	130.	ug/kg	100		73-116		
t-Butyl alcohol	N.D.	2,500.	ug/kg	96		52-153		
Benzene	N.D.	63.	ug/kg	103		77-119		
1,2-Dichloroethane	N.D.	130.	ug/kg	105		76-126		
Toluene	N.D.	130.	ug/kg	99		81-116		
1,2-Dibromoethane	N.D.	130.	ug/kg	96		77-114		
Ethylbenzene	N.D.	130.	ug/kg	99		82-115		
Xylene (Total)	N.D.	130.	ug/kg	98		82-117		

Sample Matrix 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 Group Number: 1011530
Reported: 11/10/06 at 10:09 AM
Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 06300A02A	Sample number(s): 4899858-4899863 UNSPK: P896794								
TPH-GRO - Soils	119*	114	39-118	5	30				
Batch number: 06300A02B	Sample number(s): 4899864 UNSPK: P896794								
TPH-GRO - Soils	119*	114	39-118	5	30				
Batch number: 06303A02A	Sample number(s): 4899865 UNSPK: P896794								
TPH-GRO - Soils	113	107	39-118	5	30				
Batch number: 063040014A	Sample number(s): 4899858-4899865 UNSPK: P902055								
TPH - DRO (Soils)	70	73	21-136	3	20				
Batch number: 063055708003	Sample number(s): 4899858-4899862 UNSPK: P896650 BKG: P896650								
Thallium	104	102	75-125	1	20	N.D.	N.D.	79* (1)	20
Arsenic	102	108	75-125	3	20	9.52	9.14	4 (1)	20
Selenium	95	98	75-125	3	20	N.D.	N.D.	-17 (1)	20
Antimony	41*	38*	75-125	8	20	N.D.	N.D.	37* (1)	20
Barium	96	100	75-125	3	20	65.2	59.6	9	20
Beryllium	100	104	83-111	3	20	0.810	0.713	13 (1)	20
Cadmium	104	103	75-125	1	20	0.547	0.751	31* (1)	20
Chromium	98	117	75-125	10	20	16.9	17.9	5	20
Cobalt	96	97	81-110	2	20	9.57	9.38	2	20
Copper	98	104	75-125	3	20	24.6	24.0	2	20
Lead	(2)	(2)	75-125	3	20	123.	182.	39*	20
Molybdenum	93	93	77-110	0	20	1.87	1.61	15 (1)	20
Nickel	98	98	75-125	0	20	19.5	17.9	8	20
Silver	100	99	75-125	0	20	N.D.	N.D.	35* (1)	20
Vanadium	99	110	75-125	7	20	27.4	25.6	7	20
Zinc	(2)	(2)	75-125	9	20	232.	658.	96*	20
Batch number: 063055711001	Sample number(s): 4899858-4899862 UNSPK: 4899862 BKG: 4899862								
Mercury	143*	84	80-120	39*	20	0.0586	0.0500	16 (1)	20
Batch number: 063065708002	Sample number(s): 4899863-4899865 UNSPK: P900678 BKG: P900678								
Thallium	103	100	75-125	3	20	N.D.	N.D.	-656 (1)	20
Arsenic	90	99	75-125	7	20	6.40	4.84	28* (1)	20
Selenium	98	96	75-125	3	20	N.D.	N.D.	-44 (1)	20
Antimony	72*	70*	75-125	4	20	N.D.	N.D.	-20 (1)	20
Barium	101	102	75-125	1	20	17.9	21.9	20	20
Beryllium	102	102	83-111	0	20	0.232	0.240	3 (1)	20
Cadmium	99	99	75-125	1	20	0.150	0.231	43* (1)	20
Chromium	80	97	75-125	10	20	15.2	18.7	21*	20
Cobalt	93	122*	81-110	21*	20	14.7	15.8	7	20
Copper	93	115	75-125	12	20	17.4	15.0	15	20
Lead	89	106	75-125	10	20	8.83	8.30	6	20
Molybdenum	95	95	77-110	1	20	N.D.	0.443	200* (1)	20
Nickel	118	131*	75-125	6	20	44.3	55.5	22*	20
Silver	101	103	75-125	1	20	N.D.	N.D.	42* (1)	20
Vanadium	96	95	75-125	1	20	11.9	12.9	8	20
Zinc	83	146*	75-125	24*	20	69.3	82.1	17	20
Batch number: 063065711001	Sample number(s): 4899863-4899865 UNSPK: P900720 BKG: P900720								
Mercury	102	100	80-120	2	20	0.0472	0.0436	8 (1)	20

*- 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
Group Number: 1011530
Reported: 11/10/06 at 10:09 AM

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: B063031AB	Sample number(s): 4899858-4899859,4899865 UNSPK: P900482								
Methyl Tertiary Butyl Ether	90	81	47-130	11	30				
di-Isopropyl ether	86	87	58-122	0	30				
Ethyl t-butyl ether	83	82	57-122	2	30				
t-Amyl methyl ether	86	81	58-119	7	30				
t-Butyl alcohol	99	73	51-134	13	30				
Benzene	92	97	59-120	5	30				
1,2-Dichloroethane	97	92	62-130	6	30				
Toluene	87	93	52-121	5	30				
1,2-Dibromoethane	85	80	62-116	7	30				
Ethylbenzene	84	94	54-116	10	30				
Xylene (Total)	83	89	44-127	7	30				
Batch number: Q062991AC	Sample number(s): 4899860-4899861 UNSPK: P898368								
Methyl Tertiary Butyl Ether	97	95	47-130	3	30				
di-Isopropyl ether	101	100	58-122	1	30				
Ethyl t-butyl ether	99	95	57-122	4	30				
t-Amyl methyl ether	95	94	58-119	2	30				
t-Butyl alcohol	96	94	51-134	3	30				
Benzene	93	90	59-120	4	30				
1,2-Dichloroethane	98	98	62-130	0	30				
Toluene	-26*	-35*	52-121	6	30				
1,2-Dibromoethane	91	90	62-116	2	30				
Ethylbenzene	(2)	(2)	54-116	0	30				
Xylene (Total)	(2)	(2)	44-127	0	30				
Batch number: Q062991AD	Sample number(s): 4899862-4899864 UNSPK: P898368								
Methyl Tertiary Butyl Ether	97	95	47-130	3	30				
di-Isopropyl ether	101	100	58-122	1	30				
Ethyl t-butyl ether	99	95	57-122	4	30				
t-Amyl methyl ether	95	94	58-119	2	30				
t-Butyl alcohol	96	94	51-134	3	30				
Benzene	93	90	59-120	4	30				
1,2-Dichloroethane	98	98	62-130	0	30				
Toluene	-26*	-35*	52-121	6	30				
1,2-Dibromoethane	91	90	62-116	2	30				
Ethylbenzene	(2)	(2)	54-116	0	30				
Xylene (Total)	(2)	(2)	44-127	0	30				

Surrogate Quality Control

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

Analysis Name: TPH-GRO - Soils
Batch number: 06300A02A

	Trifluorotoluene-F
4899858	82
4899859	81

*- 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: 11/10/06 at 10:09 AM

Group Number: 1011530

Surrogate Quality Control

4899860	1*
4899861	11*
4899862	22*
4899863	8*
Blank	94
LCS	97
MS	68
MSD	79
Limits:	61-122

Analysis Name: TPH-GRO - Soils
Batch number: 06300A02B

	Trifluorotoluene-F
4899864	20*
Blank	93
LCS	97
MS	68
MSD	79
Limits:	61-122

Analysis Name: TPH-GRO - Soils
Batch number: 06303A02A

	Trifluorotoluene-F
4899865	84
Blank	105
LCS	89
MS	81
MSD	62
Limits:	61-122

Analysis Name: TPH - DRO (Soils)
Batch number: 063040014A

	Orthoterphenyl
4899858	101
4899859	78
4899860	82
4899861	75
4899862	81
4899863	84
4899864	73
4899865	96
Blank	94
LCS	96
MS	92
MSD	92
Limits:	41-128

Analysis Name: TPH Fuels by GC (Soils)
Batch number: 063060020A

Chlorobenzene	Orthoterphenyl

*- 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
Group Number: 1011530
Reported: 11/10/06 at 10:09 AM

Surrogate Quality Control

4899858	69	79
4899859	89	83
4899860	92	90
4899861	265*	120
4899862	116	97
4899863	78	82
4899864	97	92
4899865	81	85
Blank	88	85
LCS	107	101
LCSD	91	99
Limits:	10-159	27-139

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: B063031AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4899858	101	96	92	73
4899859	101	95	92	73
4899865	101	96	93	73
Blank	102	98	89	72
LCS	90	84	102	93
MS	92	89	94	87
MSD	90	81	95	84
Limits:	71-114	70-109	70-123	70-111

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: Q062991AC

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4899860	99	102	92	90
4899861	95	99	106	98
Blank	101	106	95	89
LCS	99	99	101	97
MS	93	94	92	96
MSD	93	93	93	96
Limits:	71-114	70-109	70-123	70-111

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: Q062991AD

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4899862	95	99	93	93
4899863	99	103	92	89
4899864	96	102	89	86
Blank	93	101	86	83
LCS	99	99	101	97
MS	93	94	92	96
MSD	93	93	93	96
Limits:	71-114	70-109	70-123	70-111

*- 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.

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 1011530
Reported: 11/10/06 at 10:09 AM

*- 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

Lancaster Laboratories
Where quality is a science.

102506-01

For Lancaster Laboratories use only
Acct. #: 10880 Sample #: 489858-65 SCR#:

Group# 1011530

Facility #: 30-7233 (AIL)
Site Address: 2259 First Street, Livermore, CA
Chevron PM: Satya Sinha Lead Consultant: Cambria
Consultant/Office: 5900 Hollis St, Suite A, Emeryville, CA
Consultant Prj. Mgr.: Laura Genin
Consultant Phone #: 510-420-0700 Fax #: 510-420-9170
Sampler: Kaylan Javandel
Service Order #: ☐ Non SAR:

Analyses Requested

Preservation Codes

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

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

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

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	7 Oxygenates 8260 B	Lead 7420 ☐ 7421 ☐	TPH mo 8015	CAM 17 Metals 6010
SB-3-10	S		10'	06 10 23	1010		X		1	X	X	X		X		X	X
SB-3-15	S		15'	06 10 23	1040		X		1	X	X	X		X		X	X
SB-3-21	S		21'	06 10 23	1055		X		1	X	X	X		X		X	X
SB-3-25	S		25'	06 10 23	1105		X		1	X	X	X		X		X	X
SB-3-30	S		30'	06 10 23	1140		X		1	X	X	X		X		X	X
SB-3-35	S		35'	06 10 23	1150		X		1	X	X	X		X		X	X
SB-3-~~40~~ 39.5	S	39	~~40'~~ 39.5'	06 10 23	1200		X		1	X	X	X		X		X	X
SB-5-10	S		10'	06 10 24	850		X		1	X	X	X		X		X	X

Comments / Remarks

Please email results to kjavandel@cambria-env.com

Turnaround Time Requested (TAT) (please circle)

(STD. TAT) 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)

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

	Date	Time		Date	Time
Relinquished by: Kaylan Javandel	10/25/06	1120	Received by: Kevin Winright	10/25/06	1120
Relinquished by: Kevin Winright	10/25/06	1530	Received by: DHL	10/25/06	1530
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS . FedEx Other DHL			Received by:	10/26/06	0940
Temperature Upon Receipt 2.6; 2.8 °C 36.4°			Custody Seals Intact? Yes No		

3460 Rev. 10/04/01

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppb parts per billion

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

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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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 1006130. Samples arrived at the laboratory on Tuesday, September 19, 2006. The PO# for this group is 0015009981 and the release number is SINHA.

Client Description			Lancaster Labs Number
SB4-S-5-060912	Grab	Soil	4867830
SB4-S-10-060912	Grab	Soil	4867831
SB4-S-15-060912	Grab	Soil	4867832
SB4-S-20-060912	Grab	Soil	4867833
SB4-S-25-060912	Grab	Soil	4867834
SB4-S-27.5-060912	Grab	Soil	4867835
SB4-S-30-060912	Grab	Soil	4867836
SB4-S-35-060912	Grab	Soil	4867837
SB4-S-39.5-060912	Grab	Soil	4867838

ELECTRONIC COPY TO	Cambria	Attn: Laura Genin
ELECTRONIC COPY TO	Cambria Environmental	Attn: Kamran Javandel

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Analysis Report

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

Respectfully Submitted,

Max E. Snavely
Senior Specialist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4867830

SB4-S-5-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 10:00 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB405

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	1.3	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	33.	10.	mg/kg	1
	The MS/MSD samples associated with this sample were not spiked during the extraction. Since the LCS recovery is within limits and there was not enough sample remaining to perform a reextraction, the data is reported.					
00159	Mercury	7439-97-6	0.354	0.0102	mg/kg	1
06925	Thallium	7440-28-0	2.43	1.33	mg/kg	1
06935	Arsenic	7440-38-2	3.83	0.912	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.979	mg/kg	1
06944	Antimony	7440-36-0	N.D.	0.903	mg/kg	1
06946	Barium	7440-39-3	169.	0.0230	mg/kg	1
06947	Beryllium	7440-41-7	0.329	0.0680	mg/kg	1
06949	Cadmium	7440-43-9	0.934	0.0650	mg/kg	1
06951	Chromium	7440-47-3	71.6	0.583	mg/kg	1
06952	Cobalt	7440-48-4	12.6	0.130	mg/kg	1
06953	Copper	7440-50-8	41.0	0.180	mg/kg	1
06955	Lead	7439-92-1	65.4	0.441	mg/kg	1
06960	Molybdenum	7439-98-7	0.724	0.410	mg/kg	1
06961	Nickel	7440-02-0	121.	0.606	mg/kg	1
06966	Silver	7440-22-4	0.558	0.170	mg/kg	1
06971	Vanadium	7440-62-2	39.7	0.160	mg/kg	1
06972	Zinc	7440-66-6	645.	0.655	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	18.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	18.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
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

Lancaster Laboratories Sample No. SW 4867830

SB4-S-5-060912 **Grab** **Soil**
Facility# 307233 **CETR**
2259 First St-Livermore **NA** **SB4**
Collected:09/12/2006 10:00 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB405

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	09/20/2006 13:49	Linda C Pape	25
05547	TPH - DRO (Soils)	SW-846 8015B	1	09/21/2006 17:49	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	09/22/2006 09:11	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	09/21/2006 04:51	Eric L Eby	1
06935	Arsenic	SW-846 6010B	1	09/21/2006 04:51	Eric L Eby	1
06936	Selenium	SW-846 6010B	1	09/21/2006 04:51	Eric L Eby	1
06944	Antimony	SW-846 6010B	1	09/21/2006 04:51	Eric L Eby	1
06946	Barium	SW-846 6010B	1	09/21/2006 04:51	Eric L Eby	1
06947	Beryllium	SW-846 6010B	1	09/21/2006 04:51	Eric L Eby	1
06949	Cadmium	SW-846 6010B	1	09/21/2006 04:51	Eric L Eby	1
06951	Chromium	SW-846 6010B	1	09/21/2006 04:51	Eric L Eby	1
06952	Cobalt	SW-846 6010B	1	09/21/2006 04:51	Eric L Eby	1
06953	Copper	SW-846 6010B	1	09/21/2006 04:51	Eric L Eby	1
06955	Lead	SW-846 6010B	1	09/21/2006 04:51	Eric L Eby	1
06960	Molybdenum	SW-846 6010B	1	09/21/2006 04:51	Eric L Eby	1
06961	Nickel	SW-846 6010B	1	09/21/2006 04:51	Eric L Eby	1
06966	Silver	SW-846 6010B	1	09/21/2006 04:51	Eric L Eby	1
06971	Vanadium	SW-846 6010B	1	09/21/2006 04:51	Eric L Eby	1
06972	Zinc	SW-846 6010B	1	09/21/2006 04:51	Eric L Eby	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	09/22/2006 11:46	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	09/22/2006 14:29	Kenneth L Boley Jr	0.99

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4867830

SB4-S-5-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 10:00 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB405

00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	09/22/2006 11:48	Kenneth L Boley Jr	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	09/20/2006 08:30	Stephanie A Sanchez	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	09/20/2006 20:10	Annamaria Stipkovits	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	09/20/2006 22:30	Annamaria Stipkovits	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	09/20/2006 10:50	Olivia Arosemena	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	09/20/2006 10:00	Ineabelle Poveda	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4867831

SB4-S-10-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 11:35 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB410

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	2.8	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	28.	12.	mg/kg	1
	The MS/MSD samples associated with this sample were not spiked during the extraction. Since the LCS recovery is within limits and there was not enough sample remaining to perform a reextraction, the data is reported. Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
00159	Mercury	7439-97-6	0.0389	0.0105	mg/kg	1
06925	Thallium	7440-28-0	N.D.	1.29	mg/kg	1
06935	Arsenic	7440-38-2	2.17	0.885	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.950	mg/kg	1
06944	Antimony	7440-36-0	N.D.	0.877	mg/kg	1
06946	Barium	7440-39-3	94.0	0.0223	mg/kg	1
06947	Beryllium	7440-41-7	0.254	0.0660	mg/kg	1
06949	Cadmium	7440-43-9	N.D.	0.0631	mg/kg	1
06951	Chromium	7440-47-3	90.3	0.566	mg/kg	1
06952	Cobalt	7440-48-4	15.9	0.126	mg/kg	1
06953	Copper	7440-50-8	20.7	0.175	mg/kg	1
06955	Lead	7439-92-1	5.29	0.428	mg/kg	1
06960	Molybdenum	7439-98-7	0.862	0.398	mg/kg	1
06961	Nickel	7440-02-0	212.	0.588	mg/kg	1
06966	Silver	7440-22-4	0.335	0.165	mg/kg	1
06971	Vanadium	7440-62-2	25.2	0.155	mg/kg	1
06972	Zinc	7440-66-6	40.4	0.636	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	20.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	20.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
07361	BTEX+5 Oxygenates+EDC+EDB					

Lancaster Laboratories Sample No. SW 4867831

SB4-S-10-060912 **Grab** **Soil**
Facility# 307233 **CETR**
2259 First St-Livermore **NA** **SB4**
Collected:09/12/2006 11:35 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB410

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	09/20/2006 14:26	Linda C Pape	25
05547	TPH - DRO (Soils)	SW-846 8015B	1	09/21/2006 17:06	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	09/22/2006 09:21	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	09/21/2006 07:12	Eric L Eby	1
06935	Arsenic	SW-846 6010B	1	09/21/2006 07:12	Eric L Eby	1
06936	Selenium	SW-846 6010B	1	09/21/2006 07:12	Eric L Eby	1
06944	Antimony	SW-846 6010B	1	09/21/2006 07:12	Eric L Eby	1
06946	Barium	SW-846 6010B	1	09/21/2006 07:12	Eric L Eby	1
06947	Beryllium	SW-846 6010B	1	09/21/2006 07:12	Eric L Eby	1
06949	Cadmium	SW-846 6010B	1	09/21/2006 07:12	Eric L Eby	1
06951	Chromium	SW-846 6010B	1	09/21/2006 07:12	Eric L Eby	1
06952	Cobalt	SW-846 6010B	1	09/21/2006 07:12	Eric L Eby	1
06953	Copper	SW-846 6010B	1	09/21/2006 07:12	Eric L Eby	1
06955	Lead	SW-846 6010B	1	09/21/2006 07:12	Eric L Eby	1
06960	Molybdenum	SW-846 6010B	1	09/21/2006 07:12	Eric L Eby	1
06961	Nickel	SW-846 6010B	1	09/21/2006 07:12	Eric L Eby	1
06966	Silver	SW-846 6010B	1	09/21/2006 07:12	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4867831

SB4-S-10-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 11:35 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB410

06971	Vanadium	SW-846 6010B	1	09/21/2006 07:12	Eric L Eby	1
06972	Zinc	SW-846 6010B	1	09/21/2006 07:12	Eric L Eby	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	09/22/2006 12:10	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	09/22/2006 14:51	Kenneth L Boley Jr	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	09/22/2006 11:50	Kenneth L Boley Jr	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	09/20/2006 08:40	Stephanie A Sanchez	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	09/20/2006 20:10	Annamaria Stipkovits	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	09/20/2006 22:30	Annamaria Stipkovits	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	09/20/2006 10:50	Olivia Arosemena	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	09/20/2006 10:00	Ineabelle Poveda	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4867832

SB4-S-15-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 12:00 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB415

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	N.D.	12.	mg/kg	1
	The MS/MSD samples associated with this sample were not spiked during the extraction. Since the LCS recovery is within limits and there was not enough sample remaining to perform a reextraction, the data is reported. Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
00159	Mercury	7439-97-6	0.0728	0.0103	mg/kg	1
06925	Thallium	7440-28-0	2.70	1.32	mg/kg	1
06935	Arsenic	7440-38-2	5.66	0.903	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.969	mg/kg	1
06944	Antimony	7440-36-0	N.D.	0.894	mg/kg	1
06946	Barium	7440-39-3	155.	0.0228	mg/kg	1
06947	Beryllium	7440-41-7	0.445	0.0673	mg/kg	1
06949	Cadmium	7440-43-9	N.D.	0.322	mg/kg	5
	The quantitation limit for cadmium was raised due to the nature of the sample matrix.					
06951	Chromium	7440-47-3	78.0	0.577	mg/kg	1
06952	Cobalt	7440-48-4	21.0	0.129	mg/kg	1
06953	Copper	7440-50-8	38.3	0.178	mg/kg	1
06955	Lead	7439-92-1	7.74	0.437	mg/kg	1
06960	Molybdenum	7439-98-7	0.592	0.406	mg/kg	1
06961	Nickel	7440-02-0	208.	0.600	mg/kg	1
06966	Silver	7440-22-4	0.502	0.168	mg/kg	1
06971	Vanadium	7440-62-2	41.9	0.158	mg/kg	1
06972	Zinc	7440-66-6	60.1	0.649	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	20.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	20.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					

Lancaster Laboratories Sample No. SW 4867832

SB4-S-15-060912 **Grab** **Soil**
Facility# 307233 **CETR**
2259 First St-Livermore **NA** **SB4**
Collected:09/12/2006 12:00 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB415

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	09/20/2006 15:03	Linda C Pape	25
05547	TPH - DRO (Soils)	SW-846 8015B	1	09/21/2006 14:34	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	09/22/2006 09:22	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	09/22/2006 16:37	John P Hook	1
06935	Arsenic	SW-846 6010B	1	09/22/2006 16:37	John P Hook	1
06936	Selenium	SW-846 6010B	1	09/22/2006 16:37	John P Hook	1
06944	Antimony	SW-846 6010B	1	09/22/2006 16:37	John P Hook	1
06946	Barium	SW-846 6010B	1	09/22/2006 16:37	John P Hook	1
06947	Beryllium	SW-846 6010B	1	09/22/2006 16:37	John P Hook	1
06949	Cadmium	SW-846 6010B	1	09/22/2006 18:16	John P Hook	5
06951	Chromium	SW-846 6010B	1	09/22/2006 16:37	John P Hook	1
06952	Cobalt	SW-846 6010B	1	09/22/2006 16:37	John P Hook	1
06953	Copper	SW-846 6010B	1	09/22/2006 16:37	John P Hook	1
06955	Lead	SW-846 6010B	1	09/22/2006 16:37	John P Hook	1
06960	Molybdenum	SW-846 6010B	1	09/22/2006 16:37	John P Hook	1

Lancaster Laboratories Sample No. SW 4867832

SB4-S-15-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 12:00 by KJ Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB415

06961	Nickel	SW-846 6010B	1	09/22/2006 16:37	John P Hook	1
06966	Silver	SW-846 6010B	1	09/22/2006 16:37	John P Hook	1
06971	Vanadium	SW-846 6010B	1	09/22/2006 16:37	John P Hook	1
06972	Zinc	SW-846 6010B	1	09/22/2006 16:37	John P Hook	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	09/22/2006 08:58	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	09/22/2006 15:14	Kenneth L Boley Jr	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	09/22/2006 11:52	Kenneth L Boley Jr	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	09/20/2006 08:50	Stephanie A Sanchez	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	09/20/2006 20:45	Annamaria Stipkovits	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	09/20/2006 22:30	Annamaria Stipkovits	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	09/20/2006 10:50	Olivia Arosemena	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	09/20/2006 10:00	Ineabelle Poveda	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4867833

SB4-S-20-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 12:35 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB420

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	N.D.	10.	mg/kg	1
	The MS/MSD samples associated with this sample were not spiked during the extraction. Since the LCS recovery is within limits and there was not enough sample remaining to perform a reextraction, the data is reported.					
00159	Mercury	7439-97-6	0.125	0.0100	mg/kg	1
06925	Thallium	7440-28-0	1.84	1.29	mg/kg	1
06935	Arsenic	7440-38-2	4.72	0.885	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.950	mg/kg	1
06944	Antimony	7440-36-0	N.D.	0.877	mg/kg	1
06946	Barium	7440-39-3	157.	0.0223	mg/kg	1
06947	Beryllium	7440-41-7	0.472	0.0660	mg/kg	1
06949	Cadmium	7440-43-9	N.D.	0.0631	mg/kg	1
06951	Chromium	7440-47-3	71.2	0.566	mg/kg	1
06952	Cobalt	7440-48-4	16.7	0.126	mg/kg	1
06953	Copper	7440-50-8	36.7	0.175	mg/kg	1
06955	Lead	7439-92-1	7.83	0.428	mg/kg	1
06960	Molybdenum	7439-98-7	0.505	0.398	mg/kg	1
06961	Nickel	7440-02-0	142.	0.588	mg/kg	1
06966	Silver	7440-22-4	0.451	0.165	mg/kg	1
06971	Vanadium	7440-62-2	38.1	0.155	mg/kg	1
06972	Zinc	7440-66-6	52.5	0.636	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	20.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	20.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
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

Lancaster Laboratories Sample No. SW 4867833

SB4-S-20-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 12:35 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB420

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	09/20/2006 16:16	Linda C Pape	25
05547	TPH - DRO (Soils)	SW-846 8015B	1	09/21/2006 14:56	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	09/22/2006 09:23	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	09/22/2006 16:41	John P Hook	1
06935	Arsenic	SW-846 6010B	1	09/22/2006 16:41	John P Hook	1
06936	Selenium	SW-846 6010B	1	09/22/2006 16:41	John P Hook	1
06944	Antimony	SW-846 6010B	1	09/22/2006 16:41	John P Hook	1
06946	Barium	SW-846 6010B	1	09/22/2006 16:41	John P Hook	1
06947	Beryllium	SW-846 6010B	1	09/22/2006 16:41	John P Hook	1
06949	Cadmium	SW-846 6010B	1	09/22/2006 16:41	John P Hook	1
06951	Chromium	SW-846 6010B	1	09/22/2006 16:41	John P Hook	1
06952	Cobalt	SW-846 6010B	1	09/22/2006 16:41	John P Hook	1
06953	Copper	SW-846 6010B	1	09/22/2006 16:41	John P Hook	1
06955	Lead	SW-846 6010B	1	09/22/2006 16:41	John P Hook	1
06960	Molybdenum	SW-846 6010B	1	09/22/2006 16:41	John P Hook	1
06961	Nickel	SW-846 6010B	1	09/22/2006 16:41	John P Hook	1
06966	Silver	SW-846 6010B	1	09/22/2006 16:41	John P Hook	1
06971	Vanadium	SW-846 6010B	1	09/22/2006 16:41	John P Hook	1
06972	Zinc	SW-846 6010B	1	09/22/2006 16:41	John P Hook	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	09/22/2006 09:22	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	09/22/2006 15:37	Kenneth L Boley Jr	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4867833

SB4-S-20-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 12:35 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB420

00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	09/22/2006 11:56	Kenneth L Boley Jr	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	09/20/2006 08:57	Stephanie A Sanchez	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	09/20/2006 20:45	Annamaria Stipkovits	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	09/20/2006 22:30	Annamaria Stipkovits	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	09/20/2006 10:50	Olivia Arosemena	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	09/20/2006 10:00	Ineabelle Poveda	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4867834

SB4-S-25-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 12:50 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB425

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	310.	20.	mg/kg	500
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	24.	12.	mg/kg	1
	The MS/MSD samples associated with this sample were not spiked during the extraction. Since the LCS recovery is within limits and there was not enough sample remaining to perform a reextraction, the data is reported. Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
00159	Mercury	7439-97-6	0.140	0.0099	mg/kg	1
06925	Thallium	7440-28-0	2.57	1.33	mg/kg	1
06935	Arsenic	7440-38-2	5.05	0.912	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.979	mg/kg	1
06944	Antimony	7440-36-0	N.D.	0.903	mg/kg	1
06946	Barium	7440-39-3	185.	0.0230	mg/kg	1
06947	Beryllium	7440-41-7	0.427	0.0680	mg/kg	1
06949	Cadmium	7440-43-9	N.D.	0.0650	mg/kg	1
06951	Chromium	7440-47-3	64.1	0.583	mg/kg	1
06952	Cobalt	7440-48-4	16.7	0.130	mg/kg	1
06953	Copper	7440-50-8	36.7	0.180	mg/kg	1
06955	Lead	7439-92-1	8.21	0.441	mg/kg	1
06960	Molybdenum	7439-98-7	0.497	0.410	mg/kg	1
06961	Nickel	7440-02-0	130.	0.606	mg/kg	1
06966	Silver	7440-22-4	0.425	0.170	mg/kg	1
06971	Vanadium	7440-62-2	36.6	0.160	mg/kg	1
06972	Zinc	7440-66-6	50.4	0.655	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	20.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	20.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
07361	BTEX+5 Oxygenates+EDC+EDB					

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Analysis Report

Lancaster Laboratories Sample No. SW 4867834

SB4-S-25-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 12:50 by KJ Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB425

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.003	mg/kg	5
02017	di-Isopropyl ether	108-20-3	N.D.	0.005	mg/kg	5
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.005	mg/kg	5
02019	t-Amyl methyl ether	994-05-8	N.D.	0.005	mg/kg	5
02020	t-Butyl alcohol	75-65-0	N.D.	0.10	mg/kg	5
05460	Benzene	71-43-2	N.D.	0.003	mg/kg	5
05461	1,2-Dichloroethane	107-06-2	N.D.	0.005	mg/kg	5
05466	Toluene	108-88-3	N.D.	0.005	mg/kg	5
05471	1,2-Dibromoethane	106-93-4	N.D.	0.005	mg/kg	5
05474	Ethylbenzene	100-41-4	0.008	0.005	mg/kg	5
06301	Xylene (Total)	1330-20-7	N.D.	0.005	mg/kg	5

The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	09/20/2006 21:11	Linda C Pape	500
05547	TPH - DRO (Soils)	SW-846 8015B	1	09/21/2006 15:17	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	09/22/2006 09:25	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	09/22/2006 16:55	John P Hook	1
06935	Arsenic	SW-846 6010B	1	09/22/2006 16:55	John P Hook	1
06936	Selenium	SW-846 6010B	1	09/22/2006 16:55	John P Hook	1
06944	Antimony	SW-846 6010B	1	09/22/2006 16:55	John P Hook	1
06946	Barium	SW-846 6010B	1	09/22/2006 16:55	John P Hook	1
06947	Beryllium	SW-846 6010B	1	09/22/2006 16:55	John P Hook	1
06949	Cadmium	SW-846 6010B	1	09/22/2006 16:55	John P Hook	1
06951	Chromium	SW-846 6010B	1	09/22/2006 16:55	John P Hook	1
06952	Cobalt	SW-846 6010B	1	09/22/2006 16:55	John P Hook	1
06953	Copper	SW-846 6010B	1	09/22/2006 16:55	John P Hook	1
06955	Lead	SW-846 6010B	1	09/22/2006 16:55	John P Hook	1
06960	Molybdenum	SW-846 6010B	1	09/22/2006 16:55	John P Hook	1

Lancaster Laboratories Sample No. SW 4867834

SB4-S-25-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 12:50 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB425

06961	Nickel	SW-846 6010B	1	09/22/2006 16:55	John P Hook	1
06966	Silver	SW-846 6010B	1	09/22/2006 16:55	John P Hook	1
06971	Vanadium	SW-846 6010B	1	09/22/2006 16:55	John P Hook	1
06972	Zinc	SW-846 6010B	1	09/22/2006 16:55	John P Hook	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	09/22/2006 09:46	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	09/25/2006 23:46	Emiley A King	5
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	09/25/2006 21:03	Nicholas R Rossi	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	09/20/2006 09:05	Stephanie A Sanchez	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	09/20/2006 20:45	Annamaria Stipkovits	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	09/20/2006 22:30	Annamaria Stipkovits	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	09/20/2006 10:50	Olivia Arosemena	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	09/20/2006 10:00	Ineabelle Poveda	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4867835

SB4-S-27.5-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 12:55 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB427

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	1,600.	200.	mg/kg	5000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	260.	20.	mg/kg	2
	The MS/MSD samples associated with this sample were not spiked during the extraction. Since the LCS recovery is within limits and there was not enough sample remaining to perform a reextraction, the data is reported.					
00159	Mercury	7439-97-6	0.0694	0.0100	mg/kg	1
06925	Thallium	7440-28-0	2.14	1.28	mg/kg	1
06935	Arsenic	7440-38-2	3.70	0.877	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.941	mg/kg	1
06944	Antimony	7440-36-0	N.D.	0.868	mg/kg	1
06946	Barium	7440-39-3	173.	0.0221	mg/kg	1
06947	Beryllium	7440-41-7	0.405	0.0654	mg/kg	1
06949	Cadmium	7440-43-9	N.D.	0.0625	mg/kg	1
06951	Chromium	7440-47-3	70.6	0.561	mg/kg	1
06952	Cobalt	7440-48-4	14.7	0.125	mg/kg	1
06953	Copper	7440-50-8	29.0	0.173	mg/kg	1
06955	Lead	7439-92-1	7.25	0.424	mg/kg	1
06960	Molybdenum	7439-98-7	0.530	0.394	mg/kg	1
06961	Nickel	7440-02-0	120.	0.583	mg/kg	1
06966	Silver	7440-22-4	0.387	0.163	mg/kg	1
06971	Vanadium	7440-62-2	34.2	0.154	mg/kg	1
06972	Zinc	7440-66-6	46.7	0.630	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	20.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	20.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.062	mg/kg	124.69
02017	di-Isopropyl ether	108-20-3	N.D.	0.12	mg/kg	124.69

Lancaster Laboratories Sample No. SW 4867835

SB4-S-27.5-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 12:55 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB427

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.12	mg/kg	124.69
02019	t-Amyl methyl ether	994-05-8	N.D.	0.12	mg/kg	124.69
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	124.69
05460	Benzene	71-43-2	0.10	0.062	mg/kg	124.69
05461	1,2-Dichloroethane	107-06-2	N.D.	0.12	mg/kg	124.69
05466	Toluene	108-88-3	0.14	0.12	mg/kg	124.69
05471	1,2-Dibromoethane	106-93-4	N.D.	0.12	mg/kg	124.69
05474	Ethylbenzene	100-41-4	4.5	0.12	mg/kg	124.69
06301	Xylene (Total)	1330-20-7	19.	0.12	mg/kg	124.69

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	09/20/2006 19:57	Linda C Pape	5000
05547	TPH - DRO (Soils)	SW-846 8015B	1	09/27/2006 10:40	Tracy A Cole	2
00159	Mercury	SW-846 7471A	1	09/22/2006 09:26	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	09/22/2006 17:00	John P Hook	1
06935	Arsenic	SW-846 6010B	1	09/22/2006 17:00	John P Hook	1
06936	Selenium	SW-846 6010B	1	09/22/2006 17:00	John P Hook	1
06944	Antimony	SW-846 6010B	1	09/22/2006 17:00	John P Hook	1
06946	Barium	SW-846 6010B	1	09/22/2006 17:00	John P Hook	1
06947	Beryllium	SW-846 6010B	1	09/22/2006 17:00	John P Hook	1
06949	Cadmium	SW-846 6010B	1	09/22/2006 17:00	John P Hook	1
06951	Chromium	SW-846 6010B	1	09/22/2006 17:00	John P Hook	1
06952	Cobalt	SW-846 6010B	1	09/22/2006 17:00	John P Hook	1
06953	Copper	SW-846 6010B	1	09/22/2006 17:00	John P Hook	1
06955	Lead	SW-846 6010B	1	09/22/2006 17:00	John P Hook	1
06960	Molybdenum	SW-846 6010B	1	09/22/2006 17:00	John P Hook	1
06961	Nickel	SW-846 6010B	1	09/22/2006 17:00	John P Hook	1
06966	Silver	SW-846 6010B	1	09/22/2006 17:00	John P Hook	1
06971	Vanadium	SW-846 6010B	1	09/22/2006 17:00	John P Hook	1
06972	Zinc	SW-846 6010B	1	09/22/2006 17:00	John P Hook	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	09/22/2006 10:10	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	09/25/2006 15:02	Seth J Good	124.69

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Analysis Report

Lancaster Laboratories Sample No. SW 4867835

SB4-S-27.5-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 12:55 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB427

00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	09/25/2006 09:55	Kerri E Koch	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	09/20/2006 09:10	Stephanie A Sanchez	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	09/20/2006 20:45	Annamaria Stipkovits	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	09/20/2006 22:30	Annamaria Stipkovits	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	09/20/2006 10:50	Olivia Arosemena	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	09/20/2006 10:00	Ineabelle Poveda	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4867836

SB4-S-30-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 14:20 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB430

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	22.	2.0	mg/kg	50
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	N.D.	12.	mg/kg	1
	The MS/MSD samples associated with this sample were not spiked during the extraction. Since the LCS recovery is within limits and there was not enough sample remaining to perform a reextraction, the data is reported. Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
00159	Mercury	7439-97-6	0.0740	0.0102	mg/kg	1
06925	Thallium	7440-28-0	2.60	1.33	mg/kg	1
06935	Arsenic	7440-38-2	6.02	0.912	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.979	mg/kg	1
06944	Antimony	7440-36-0	N.D.	0.903	mg/kg	1
06946	Barium	7440-39-3	186.	0.0230	mg/kg	1
06947	Beryllium	7440-41-7	0.449	0.0680	mg/kg	1
06949	Cadmium	7440-43-9	N.D.	0.0650	mg/kg	1
06951	Chromium	7440-47-3	73.3	0.583	mg/kg	1
06952	Cobalt	7440-48-4	17.7	0.130	mg/kg	1
06953	Copper	7440-50-8	36.6	0.180	mg/kg	1
06955	Lead	7439-92-1	7.97	0.441	mg/kg	1
06960	Molybdenum	7439-98-7	0.616	0.410	mg/kg	1
06961	Nickel	7440-02-0	158.	0.606	mg/kg	1
06966	Silver	7440-22-4	0.458	0.170	mg/kg	1
06971	Vanadium	7440-62-2	39.9	0.160	mg/kg	1
06972	Zinc	7440-66-6	52.3	0.655	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	20.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	20.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
07361	BTEX+5 Oxygenates+EDC+EDB					

Lancaster Laboratories Sample No. SW 4867836

SB4-S-30-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 14:20 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB430

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.002	mg/kg	4.95
02017	di-Isopropyl ether	108-20-3	N.D.	0.005	mg/kg	4.95
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.005	mg/kg	4.95
02019	t-Amyl methyl ether	994-05-8	N.D.	0.005	mg/kg	4.95
02020	t-Butyl alcohol	75-65-0	N.D.	0.099	mg/kg	4.95
05460	Benzene	71-43-2	0.003	0.002	mg/kg	4.95
05461	1,2-Dichloroethane	107-06-2	N.D.	0.005	mg/kg	4.95
05466	Toluene	108-88-3	N.D.	0.005	mg/kg	4.95
05471	1,2-Dibromoethane	106-93-4	N.D.	0.005	mg/kg	4.95
05474	Ethylbenzene	100-41-4	0.014	0.005	mg/kg	4.95
06301	Xylene (Total)	1330-20-7	0.007	0.005	mg/kg	4.95

The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	09/20/2006 18:07	Linda C Pape	50
05547	TPH - DRO (Soils)	SW-846 8015B	1	09/21/2006 16:01	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	09/22/2006 09:30	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	09/22/2006 17:05	John P Hook	1
06935	Arsenic	SW-846 6010B	1	09/22/2006 17:05	John P Hook	1
06936	Selenium	SW-846 6010B	1	09/22/2006 17:05	John P Hook	1
06944	Antimony	SW-846 6010B	1	09/22/2006 17:05	John P Hook	1
06946	Barium	SW-846 6010B	1	09/22/2006 17:05	John P Hook	1
06947	Beryllium	SW-846 6010B	1	09/22/2006 17:05	John P Hook	1
06949	Cadmium	SW-846 6010B	1	09/22/2006 17:05	John P Hook	1
06951	Chromium	SW-846 6010B	1	09/22/2006 17:05	John P Hook	1
06952	Cobalt	SW-846 6010B	1	09/22/2006 17:05	John P Hook	1
06953	Copper	SW-846 6010B	1	09/22/2006 17:05	John P Hook	1
06955	Lead	SW-846 6010B	1	09/22/2006 17:05	John P Hook	1
06960	Molybdenum	SW-846 6010B	1	09/22/2006 17:05	John P Hook	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4867836

SB4-S-30-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 14:20 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB430

06961	Nickel	SW-846 6010B	1	09/22/2006 17:05	John P Hook	1
06966	Silver	SW-846 6010B	1	09/22/2006 17:05	John P Hook	1
06971	Vanadium	SW-846 6010B	1	09/22/2006 17:05	John P Hook	1
06972	Zinc	SW-846 6010B	1	09/22/2006 17:05	John P Hook	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	09/22/2006 10:34	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	09/26/2006 00:08	Emiley A King	4.95
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	09/25/2006 21:05	Nicholas R Rossi	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	09/20/2006 09:15	Stephanie A Sanchez	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	09/20/2006 20:45	Annamaria Stipkovits	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	09/20/2006 22:30	Annamaria Stipkovits	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	09/20/2006 10:50	Olivia Arosemena	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	09/20/2006 10:00	Ineabelle Poveda	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4867837

SB4-S-35-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 14:25 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB435

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	320.	20.	mg/kg	500
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	45.	12.	mg/kg	1
	The MS/MSD samples associated with this sample were not spiked during the extraction. Since the LCS recovery is within limits and there was not enough sample remaining to perform a reextraction, the data is reported. Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
00159	Mercury	7439-97-6	0.123	0.0105	mg/kg	1
06925	Thallium	7440-28-0	2.13	1.32	mg/kg	1
06935	Arsenic	7440-38-2	6.31	0.903	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.969	mg/kg	1
06944	Antimony	7440-36-0	N.D.	0.894	mg/kg	1
06946	Barium	7440-39-3	191.	0.0228	mg/kg	1
06947	Beryllium	7440-41-7	0.444	0.0673	mg/kg	1
06949	Cadmium	7440-43-9	N.D.	0.0644	mg/kg	1
06951	Chromium	7440-47-3	74.3	0.577	mg/kg	1
06952	Cobalt	7440-48-4	20.6	0.129	mg/kg	1
06953	Copper	7440-50-8	40.1	0.178	mg/kg	1
06955	Lead	7439-92-1	8.20	0.437	mg/kg	1
06960	Molybdenum	7439-98-7	0.618	0.406	mg/kg	1
06961	Nickel	7440-02-0	176.	0.600	mg/kg	1
06966	Silver	7440-22-4	0.480	0.168	mg/kg	1
06971	Vanadium	7440-62-2	41.4	0.158	mg/kg	1
06972	Zinc	7440-66-6	56.3	0.649	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	20.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	20.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
07361	BTEX+5 Oxygenates+EDC+EDB					

Lancaster Laboratories Sample No. SW 4867837

SB4-S-35-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 14:25 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB435

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	125
02017	di-Isopropyl ether	108-20-3	N.D.	0.13	mg/kg	125
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.13	mg/kg	125
02019	t-Amyl methyl ether	994-05-8	N.D.	0.13	mg/kg	125
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	125
05460	Benzene	71-43-2	N.D.	0.063	mg/kg	125
05461	1,2-Dichloroethane	107-06-2	N.D.	0.13	mg/kg	125
05466	Toluene	108-88-3	N.D.	0.13	mg/kg	125
05471	1,2-Dibromoethane	106-93-4	N.D.	0.13	mg/kg	125
05474	Ethylbenzene	100-41-4	N.D.	0.13	mg/kg	125
06301	Xylene (Total)	1330-20-7	N.D.	0.13	mg/kg	125

The usual reporting limits were not attained due to the matrix of the sample in the GC/MS volatile analysis.

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	09/20/2006 20:34	Linda C Pape	500
05547	TPH - DRO (Soils)	SW-846 8015B	1	09/21/2006 16:22	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	09/22/2006 09:32	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	09/22/2006 17:10	John P Hook	1
06935	Arsenic	SW-846 6010B	1	09/22/2006 17:10	John P Hook	1
06936	Selenium	SW-846 6010B	1	09/22/2006 17:10	John P Hook	1
06944	Antimony	SW-846 6010B	1	09/22/2006 17:10	John P Hook	1
06946	Barium	SW-846 6010B	1	09/22/2006 17:10	John P Hook	1
06947	Beryllium	SW-846 6010B	1	09/22/2006 17:10	John P Hook	1
06949	Cadmium	SW-846 6010B	1	09/22/2006 17:10	John P Hook	1
06951	Chromium	SW-846 6010B	1	09/22/2006 17:10	John P Hook	1
06952	Cobalt	SW-846 6010B	1	09/22/2006 17:10	John P Hook	1
06953	Copper	SW-846 6010B	1	09/22/2006 17:10	John P Hook	1
06955	Lead	SW-846 6010B	1	09/22/2006 17:10	John P Hook	1
06960	Molybdenum	SW-846 6010B	1	09/22/2006 17:10	John P Hook	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4867837

SB4-S-35-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 14:25 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB435

06961	Nickel	SW-846 6010B	1	09/22/2006 17:10	John P Hook	1
06966	Silver	SW-846 6010B	1	09/22/2006 17:10	John P Hook	1
06971	Vanadium	SW-846 6010B	1	09/22/2006 17:10	John P Hook	1
06972	Zinc	SW-846 6010B	1	09/22/2006 17:10	John P Hook	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	09/22/2006 10:58	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	09/25/2006 16:11	Seth J Good	125
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	09/25/2006 10:02	Kerri E Koch	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	09/20/2006 09:20	Stephanie A Sanchez	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	09/20/2006 20:45	Annamaria Stipkovits	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	09/20/2006 22:30	Annamaria Stipkovits	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	09/20/2006 10:50	Olivia Arosemena	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	09/20/2006 10:00	Ineabelle Poveda	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4867838

SB4-S-39.5-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 14:40 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB439

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	1.2	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. 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.					
05547	TPH - DRO (Soils)	n.a.	N.D.	10.	mg/kg	1
	The MS/MSD samples associated with this sample were not spiked during the extraction. Since the LCS recovery is within limits and there was not enough sample remaining to perform a reextraction, the data is reported.					
00159	Mercury	7439-97-6	0.0841	0.0101	mg/kg	1
06925	Thallium	7440-28-0	2.37	1.30	mg/kg	1
06935	Arsenic	7440-38-2	5.71	0.894	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.960	mg/kg	1
06944	Antimony	7440-36-0	N.D.	0.885	mg/kg	1
06946	Barium	7440-39-3	182.	0.0225	mg/kg	1
06947	Beryllium	7440-41-7	0.419	0.0667	mg/kg	1
06949	Cadmium	7440-43-9	N.D.	0.0637	mg/kg	1
06951	Chromium	7440-47-3	66.6	0.572	mg/kg	1
06952	Cobalt	7440-48-4	20.8	0.127	mg/kg	1
06953	Copper	7440-50-8	37.1	0.176	mg/kg	1
06955	Lead	7439-92-1	7.65	0.432	mg/kg	1
06960	Molybdenum	7439-98-7	0.631	0.402	mg/kg	1
06961	Nickel	7440-02-0	179.	0.594	mg/kg	1
06966	Silver	7440-22-4	0.473	0.167	mg/kg	1
06971	Vanadium	7440-62-2	39.2	0.157	mg/kg	1
06972	Zinc	7440-66-6	53.1	0.642	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	16.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	16.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.					
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

Lancaster Laboratories Sample No. SW 4867838

SB4-S-39.5-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 14:40 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB439

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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	0.15	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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	09/20/2006 16:01	Linda C Pape	25
05547	TPH - DRO (Soils)	SW-846 8015B	1	09/21/2006 16:44	Tracy A Cole	1
00159	Mercury	SW-846 7471A	1	09/22/2006 09:34	Damary Valentin	1
06925	Thallium	SW-846 6010B	1	09/22/2006 17:14	John P Hook	1
06935	Arsenic	SW-846 6010B	1	09/22/2006 17:14	John P Hook	1
06936	Selenium	SW-846 6010B	1	09/22/2006 17:14	John P Hook	1
06944	Antimony	SW-846 6010B	1	09/22/2006 17:14	John P Hook	1
06946	Barium	SW-846 6010B	1	09/22/2006 17:14	John P Hook	1
06947	Beryllium	SW-846 6010B	1	09/22/2006 17:14	John P Hook	1
06949	Cadmium	SW-846 6010B	1	09/22/2006 17:14	John P Hook	1
06951	Chromium	SW-846 6010B	1	09/22/2006 17:14	John P Hook	1
06952	Cobalt	SW-846 6010B	1	09/22/2006 17:14	John P Hook	1
06953	Copper	SW-846 6010B	1	09/22/2006 17:14	John P Hook	1
06955	Lead	SW-846 6010B	1	09/22/2006 17:14	John P Hook	1
06960	Molybdenum	SW-846 6010B	1	09/22/2006 17:14	John P Hook	1
06961	Nickel	SW-846 6010B	1	09/22/2006 17:14	John P Hook	1
06966	Silver	SW-846 6010B	1	09/22/2006 17:14	John P Hook	1
06971	Vanadium	SW-846 6010B	1	09/22/2006 17:14	John P Hook	1
06972	Zinc	SW-846 6010B	1	09/22/2006 17:14	John P Hook	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	09/22/2006 11:22	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	09/22/2006 15:59	Kenneth L Boley Jr	1

Lancaster Laboratories Sample No. SW 4867838

SB4-S-39.5-060912 Grab Soil
Facility# 307233 CETR
2259 First St-Livermore NA SB4
Collected:09/12/2006 14:40 by KJ

Account Number: 10880

Submitted: 09/19/2006 09:40
Reported: 10/24/2006 at 11:04
Discard: 11/24/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SB439

00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	09/22/2006 11:57	Kenneth L Boley Jr	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	09/20/2006 09:23	Stephanie A Sanchez	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	09/20/2006 20:45	Annamaria Stipkovits	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	09/20/2006 22:30	Annamaria Stipkovits	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	09/20/2006 10:50	Olivia Arosemena	1
07024	DRO Alternate Soil Extraction	SW-846 3550B	1	09/20/2006 10:00	Ineabelle Poveda	1

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 1006130
Reported: 10/24/06 at 11:04 AM

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 062620023A	Sample number(s): 4867830-4867838							
TPH - DRO (Soils)	N.D.	10.	mg/kg	88		53-120		
Batch number: 062620028A	Sample number(s): 4867830-4867838							
Total TPH	N.D.	10.	mg/kg	83	87	68-115	4	20
TPH Motor Oil C16-C36	N.D.	10.	mg/kg					
Batch number: 06262A33B	Sample number(s): 4867830-4867837							
TPH-GRO - Soils	N.D.	1.0	mg/kg	96		67-119		
Batch number: 062635708001	Sample number(s): 4867830-4867831							
Thallium	N.D.	1.33	mg/kg	105		90-120		
Arsenic	N.D.	0.912	mg/kg	97		80-120		
Selenium	N.D.	0.979	mg/kg	102		74-126		
Antimony	N.D.	0.903	mg/kg	94		24-110		
Barium	0.0540	0.0230	mg/kg	100		90-112		
Beryllium	N.D.	0.0680	mg/kg	100		90-113		
Cadmium	N.D.	0.0650	mg/kg	96		87-110		
Chromium	N.D.	0.583	mg/kg	104		90-111		
Cobalt	N.D.	0.130	mg/kg	98		90-110		
Copper	N.D.	0.180	mg/kg	97		90-111		
Lead	N.D.	0.441	mg/kg	98		84-112		
Molybdenum	N.D.	0.410	mg/kg	103		88-111		
Nickel	N.D.	0.606	mg/kg	98		89-110		
Silver	N.D.	0.170	mg/kg	107		90-126		
Vanadium	N.D.	0.160	mg/kg	112		89-115		
Zinc	N.D.	0.655	mg/kg	95		85-110		
Batch number: 062635708002	Sample number(s): 4867832-4867838							
Thallium	N.D.	1.33	mg/kg	105		90-120		
Arsenic	N.D.	0.912	mg/kg	97		80-120		
Selenium	N.D.	0.979	mg/kg	102		74-126		
Antimony	N.D.	0.903	mg/kg	88		24-110		
Barium	0.0620	0.0230	mg/kg	100		90-112		
Beryllium	N.D.	0.0680	mg/kg	100		90-113		
Cadmium	N.D.	0.0650	mg/kg	97		87-110		
Chromium	N.D.	0.583	mg/kg	106		90-111		
Cobalt	N.D.	0.130	mg/kg	99		90-110		
Copper	N.D.	0.180	mg/kg	97		90-111		
Lead	N.D.	0.441	mg/kg	98		84-112		
Molybdenum	N.D.	0.410	mg/kg	103		88-111		
Nickel	N.D.	0.606	mg/kg	98		89-110		
Silver	N.D.	0.170	mg/kg	106		90-126		
Vanadium	N.D.	0.160	mg/kg	113		89-115		
Zinc	N.D.	0.655	mg/kg	97		85-110		
Batch number: 062635711001	Sample number(s): 4867830-4867838							

*- 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
Group Number: 1006130
Reported: 10/24/06 at 11:04 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Mercury	N.D.	0.0105	mg/kg	91		66-133		
Batch number: 06263A31A	Sample number(s): 4867838							
TPH-GRO - Soils	N.D.	1.0	mg/kg	71		67-119		
Batch number: A062651AA	Sample number(s): 4867830-4867833,4867838							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	96		72-117		
di-Isopropyl ether	N.D.	1.	ug/kg	81		72-120		
Ethyl t-butyl ether	N.D.	1.	ug/kg	84		72-115		
t-Amyl methyl ether	N.D.	1.	ug/kg	90		73-116		
t-Butyl alcohol	N.D.	20.	ug/kg	104		52-153		
Benzene	N.D.	0.5	ug/kg	94		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	102		76-126		
Toluene	N.D.	1.	ug/kg	91		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	99		77-114		
Ethylbenzene	N.D.	1.	ug/kg	91		82-115		
Xylene (Total)	N.D.	1.	ug/kg	95		82-117		
Batch number: A062681AA	Sample number(s): 4867834,4867836							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	86		72-117		
di-Isopropyl ether	N.D.	1.	ug/kg	74		72-120		
Ethyl t-butyl ether	N.D.	1.	ug/kg	77		72-115		
t-Amyl methyl ether	N.D.	1.	ug/kg	82		73-116		
t-Butyl alcohol	N.D.	20.	ug/kg	118		52-153		
Benzene	N.D.	0.5	ug/kg	92		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	100		76-126		
Toluene	N.D.	1.	ug/kg	87		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	87		77-114		
Ethylbenzene	N.D.	1.	ug/kg	87		82-115		
Xylene (Total)	N.D.	1.	ug/kg	91		82-117		
Batch number: Q062563AB	Sample number(s): 4867835,4867837							
Methyl Tertiary Butyl Ether	N.D.	63.	ug/kg	86		72-117		
di-Isopropyl ether	N.D.	130.	ug/kg	90		72-120		
Ethyl t-butyl ether	N.D.	130.	ug/kg	85		72-115		
t-Amyl methyl ether	N.D.	130.	ug/kg	86		73-116		
t-Butyl alcohol	N.D.	2,500.	ug/kg	87		52-153		
Benzene	N.D.	63.	ug/kg	93		77-119		
1,2-Dichloroethane	N.D.	130.	ug/kg	99		76-126		
Toluene	N.D.	130.	ug/kg	93		81-116		
1,2-Dibromoethane	N.D.	130.	ug/kg	96		77-114		
Ethylbenzene	N.D.	130.	ug/kg	91		82-115		
Xylene (Total)	N.D.	130.	ug/kg	89		82-117		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 062620023A	Sample number(s): 4867830-4867838 UNSPK: P866430								
TPH - DRO (Soils)	-26*	-1*	21-136	200*	20				

*- 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
Group Number: 1006130
Reported: 10/24/06 at 11:04 AM

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 06262A33B	Sample number(s): 4867830-4867837 UNSPK: P866864								
TPH-GRO - Soils	111	107	39-118	3	30				
Batch number: 062635708001	Sample number(s): 4867830-4867831 UNSPK: 4867830 BKG: 4867830								
Thallium	93	91	75-125	1	20	2.43	2.59	6 (1)	20
Arsenic	107	109	75-125	1	20	3.83	4.33	12 (1)	20
Selenium	100	100	75-125	1	20	N.D.	N.D.	-756 (1)	20
Antimony	56*	54*	75-125	3	20	N.D.	N.D.	-6289 (1)	20
Barium	96	95	75-125	0	20	169.	178.	5	20
Beryllium	100	102	83-111	2	20	0.329	0.337	2 (1)	20
Cadmium	70*	72*	75-125	2	20	0.934	N.D.	200* (1)	20
Chromium	265*	126*	75-125	25*	20	71.6	77.4	8	20
Cobalt	98	96	81-110	1	20	12.6	13.2	5	20
Copper	51*	42*	75-125	4	20	41.0	29.1	34*	20
Lead	(2)	(2)	75-125	1	20	65.4	57.5	13	20
Molybdenum	96	98	77-110	1	20	0.724	0.773	7 (1)	20
Nickel	127*	96	75-125	9	20	121.	119.	2	20
Silver	98	98	75-125	0	20	0.558	0.505	10 (1)	20
Vanadium	93	94	75-125	0	20	39.7	36.0	10	20
Zinc	(2)	(2)	75-125	4	20	645.	229.	95*	20
Batch number: 062635708002	Sample number(s): 4867832-4867838 UNSPK: P868574 BKG: P868574								
Thallium	112	108	75-125	3	20	N.D.	2.20	200* (1)	20
Arsenic	87	90	75-125	3	20	1.72	1.12	42* (1)	20
Selenium	92	93	75-125	1	20	N.D.	N.D.	22* (1)	20
Antimony	76	75	75-125	2	20	N.D.	N.D.	74* (1)	20
Barium	102	100	75-125	1	20	39.0	39.1	0	20
Beryllium	102	101	83-111	1	20	0.374	0.364	3 (1)	20
Cadmium	93	93	75-125	0	20	1.85	1.73	7 (1)	20
Chromium	101	100	75-125	1	20	14.0	13.4	4	20
Cobalt	98	97	81-110	1	20	3.24	3.03	7	20
Copper	-12*	74*	75-125	32*	20	59.7	20.1	99*	20
Lead	43*	45*	75-125	1	20	18.3	11.7	44*	20
Molybdenum	98	97	77-110	1	20	0.575	0.524	9 (1)	20
Nickel	99	98	75-125	1	20	7.86	7.38	6	20
Silver	102	103	75-125	0	20	N.D.	N.D.	9 (1)	20
Vanadium	101	100	75-125	1	20	20.7	19.9	4	20
Zinc	(2)	(2)	75-125	5	20	606.	569.	6	20
Batch number: 062635711001	Sample number(s): 4867830-4867838 UNSPK: 4867830 BKG: 4867830								
Mercury	134*	86	80-120	15	20	0.354	0.383	8 (1)	20
Batch number: 06263A31A	Sample number(s): 4867838 UNSPK: P865334								
TPH-GRO - Soils	71	68	39-118	4	30				
Batch number: A062651AA	Sample number(s): 4867830-4867833,4867838 UNSPK: P869714								
Methyl Tertiary Butyl Ether	88	96	47-130	7	30				
di-Isopropyl ether	76	81	58-122	6	30				
Ethyl t-butyl ether	79	86	57-122	8	30				
t-Amyl methyl ether	83	91	58-119	8	30				
t-Butyl alcohol	90	92	51-134	2	30				

*- 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 Group Number: 1006130
Reported: 10/24/06 at 11:04 AM

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Benzene	87	89	59-120	2	30				
1,2-Dichloroethane	92	96	62-130	4	30				
Toluene	82	84	52-121	3	30				
1,2-Dibromoethane	87	94	62-116	8	30				
Ethylbenzene	81	84	54-116	3	30				
Xylene (Total)	84	86	44-127	2	30				
Batch number: A062681AA	Sample number(s): 4867834,4867836 UNSPK: P868768								
Methyl Tertiary Butyl Ether	86	81	47-130	7	30				
di-Isopropyl ether	71	71	58-122	0	30				
Ethyl t-butyl ether	77	75	57-122	3	30				
t-Amyl methyl ether	80	78	58-119	4	30				
t-Butyl alcohol	82	80	51-134	2	30				
Benzene	76	76	59-120	1	30				
1,2-Dichloroethane	91	86	62-130	6	30				
Toluene	72	70	52-121	3	30				
1,2-Dibromoethane	86	78	62-116	9	30				
Ethylbenzene	62	63	54-116	2	30				
Xylene (Total)	63	64	44-127	1	30				
Batch number: Q062563AB	Sample number(s): 4867835,4867837 UNSPK: P859588								
Methyl Tertiary Butyl Ether	86	96	47-130	6	30				
di-Isopropyl ether	93	89	58-122	5	30				
Ethyl t-butyl ether	90	87	57-122	4	30				
t-Amyl methyl ether	90	87	58-119	3	30				
t-Butyl alcohol	96	89	51-134	7	30				
Benzene	88	106	59-120	16	30				
1,2-Dichloroethane	103	98	62-130	5	30				
Toluene	59	171*	52-121	45*	30				
1,2-Dibromoethane	98	93	62-116	5	30				
Ethylbenzene	95	119*	54-116	14	30				
Xylene (Total)	94	150*	44-127	22	30				

Surrogate Quality Control

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

Analysis Name: TPH - DRO (Soils)
Batch number: 062620023A

	Orthoterphenyl
4867830	95
4867831	92
4867832	90
4867833	85
4867834	87
4867835	86
4867836	93
4867837	91

*- 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
Group Number: 1006130
Reported: 10/24/06 at 11:04 AM

Surrogate Quality Control

4867838	88
Blank	96
LCS	90
MS	85
MSD	91
Limits:	41-128

Analysis Name: TPH Fuels by GC (Soils)
Batch number: 062620028A

	Chlorobenzene	Orthoterphenyl
4867830	78	97
4867831	74	91
4867832	60	78
4867833	64	89
4867834	130	97
4867835	157	86
4867836	92	91
4867837	80	89
4867838	75	83
Blank	79	90
LCS	91	99
LCSD	89	98
Limits:	10-159	27-139

Analysis Name: TPH-GRO - Soils
Batch number: 06262A33B

	Trifluorotoluene-F
4867830	94
4867831	95
4867832	92
4867833	90
4867834	6*
4867835	6*
4867836	43*
4867837	15*
Blank	96
LCS	104
MS	91
MSD	92
Limits:	61-122

Analysis Name: TPH-GRO - Soils
Batch number: 06263A31A

	Trifluorotoluene-F
4867838	65
Blank	71
LCS	75
MS	72
MSD	71
Limits:	61-122

*- 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
Group Number: 1006130
Reported: 10/24/06 at 11:04 AM

Surrogate Quality Control

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A062651AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4867830	102	97	94	85
4867831	105	101	94	88
4867832	104	103	92	86
4867833	105	105	91	86
4867838	101	95	92	91
Blank	101	96	92	87
LCS	102	103	94	94
MS	102	99	96	90
MSD	101	105	95	90
Limits:	71-114	70-109	70-123	70-111

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A062681AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4867834	97	96	116	103
4867836	96	94	107	101
Blank	107	104	90	87
LCS	101	97	91	90
MS	105	101	97	80
MSD	103	100	95	83
Limits:	71-114	70-109	70-123	70-111

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: Q062563AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4867835	102	99	103	106
4867837	107	106	91	88
Blank	113	109	92	88
LCS	107	103	98	93
MS	109	103	100	95
MSD	103	99	95	90
Limits:	71-114	70-109	70-123	70-111

*- 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

Lancaster Laboratories
Where quality is a science.

Acct. #: 10860 For Lancaster Laboratories use only Sample #: 486783O-38 SCR#:

091506-07

C#1006130

Facility #: 30-7233 (AIL)
Site Address: 2259 FIRST STREET, LIVERMORE, CA
Chevron PM: SATYA SINHA Lead Consultant: CAMBRIA
Consultant/Office: 5900 HOLLIS ST, SUITE A, EMERYVILLE, CA
Consultant Prj. Mgr.: LAURA GENIN
Consultant Phone #: 510-420-0700 Fax #: 510-420-9170
Sampler: KAMRAN JAVANDEL
Service Order #: ☐ Non SAR:

Analyses Requested

Preservation Codes

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

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds
8021 MTBE Confirmation
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	5 Oxygenates 8260B	Lead 7420 ☐ 7421 ☐	TPH mo 8015	CAM 17 metals 6010
SB4-5	S		5'	06 09 12	1000		X		1	X	X	X		X		X	X
SB4-10	S		10'	06 09 12	11:35		X		1	X	X	X		X		X	X
SB4-15	S		15'	06 09 12	12:00		X		1	X	X	X		X		X	X
SB4-20	S		20'	06 09 12	12:35		X		1	X	X	X		X		X	X
SB4-25	S		25'	06 09 12	12:50		X		1	X	X	X		X		X	X
SB4-27.5	S		27.5'	06 09 12	12:55		X		1	X	X	X		X		X	X
SB4-30	S		30'	06 09 12	14:20		X		1	X	X	X		X		X	X
SB4-35	S		35'	06 09 12	14:25		X		1	X	X	X		X		X	X
SB4-37.5	S		37.5'	06 09 12	14:40		X		1	X	X	X		X		X	X

Comments / Remarks
Please email results to kjavandel@cambria-env.com

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

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

	Date	Time		Date	Time
Relinquished by:	9/15/06	1545	Received by:	9-15-06	1545
Relinquished by:	9-15-06	1700	Received by: DHL	9-15-06	
Relinquished by:	Date	Time	Received by:	Date	Time

Relinquished by Commercial Carrier: UPS FedEx Other DHL
Temperature Upon Receipt 3.9°, 4.6 C°

Received by: Date 9/19/06 Time 0900/40
Custody Seals Intact? Yes No

3460 Rev. 10/04/01

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

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppb parts per billion

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

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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Lancaster Laboratories

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

Analysis Report

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 1011946. Samples arrived at the laboratory on Saturday, October 28, 2006. The PO# for this group is 0015009981 and the release number is SINHA.

Client Description		Lancaster Labs Number
WASTE-S-061026	Composite Soil	4902362

1 COPY TO	IWM, Inc.	Attn: Jay DeLeon
ELECTRONIC COPY TO	Cambria	Attn: Laura Genin
ELECTRONIC COPY TO	Cambria Environmental	Attn: Kamran Javandel

Lancaster Laboratories

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

Analysis Report

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

Respectfully Submitted,

Max E. Snavely
Senior Specialist

Lancaster Laboratories

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

Analysis Report

Lancaster Laboratories Sample No. SW 4902362

WASTE-S-061026 Composite Soil
Facility# 307233 CETR
2259 First St-Livermore NA WASTE
Collected:10/26/2006 13:00 by KJ

Account Number: 10880

Submitted: 10/28/2006 10:45
Reported: 11/09/2006 at 12:15
Discard: 12/10/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FLWST

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05547	TPH - DRO (Soils)	n.a.	130.	10.	mg/kg	1
06955	Lead	7439-92-1	10.1	0.441	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	1,100.	200.	mg/kg	5000

The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised.
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.

02160	BTEX/MTBE					
02174	Benzene	71-43-2	5.8	0.4	mg/kg	2000
02177	Toluene	108-88-3	14.	0.4	mg/kg	2000
02178	Ethylbenzene	100-41-4	9.8	0.4	mg/kg	2000
02182	Total Xylenes	1330-20-7	48.	1.2	mg/kg	2000
02199	MTBE	1634-04-4	N.D.	4.0	mg/kg	2000

The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised.
Due to the nature of the sample matrix, normal reporting limits were not attained for MTBE.

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05547	TPH - DRO (Soils)	SW-846 8015B	1	11/07/2006 20:05	Tracy A Cole	1
06955	Lead	SW-846 6010B	1	11/02/2006 13:53	Amanda S Bitner	1
01726	TPH-GRO - Soils	TPH GRO SW-846 8015B mod	1	11/04/2006 00:08	Linda C Pape	5000
02160	BTEX/MTBE	SW-846 8021B	1	11/04/2006 14:17	Linda C Pape	2000
01150	GC - Bulk Soil Prep	SW-846 5035	1	10/30/2006 01:45	Jesse L Mertz	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	11/01/2006 09:10	Megersa Deyessa	1