CAMBRIA

October 25, 2006

Mr. Barney Chan
Alameda County Environmental Health Services (ACEHS)
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

RE: Subsurface Investigation Report
Former Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California
Cambria Project No. 31J-1950

Dear Mr. Chan;

Cambria Environmental Technology, Inc. (Cambria) has prepared this *Subsurface Investigation Report* on behalf of Chevron Environmental Management Company (Chevron) for the site referenced above (Figure 1). Cambria's objective was to assess current soil conditions near the former underground storage tank (UST) complex and at the down-gradient property boundary (Figure 2) to provide data necessary for the proper design of a multi-phase extraction (MPE) remediation system. Presented below is a summary of the site history, details of the investigation, and a schedule of upcoming remediation activities, including preparation of an MPE system design and a formal Remedial Action Plan (RAP).

SITE DESCRIPTION AND SUMMARY

According to property owner Kevin Hinkley, the site operated as a Chevron service station between 1963 and 1990. In February 1985, an inventory discrepancy was detected, indicating a leak in the product storage and delivery system. Subsequent review of inventory records indicated that an estimated loss of approximately 670 gallons of gasoline had occurred during the previous five months. The suspected leaking UST had been installed in September 1971 and was removed along with the associated product lines after failing a tank tightness test in April 1985. According to Chevron's leak report, no light non-aqueous phase liquids (LNAPL) were observed in the tank excavation or on the water table. Since 1985, at total of 18 groundwater wells have been installed on and off site (17 monitor wells and one recovery well). Of these 18 wells, three have subsequently been abandoned. When station operations ceased in 1990, the remaining USTs, fuel dispensers and associated piping were excavated and removed. An automobile repair facility currently occupies the site and utilizes one used-oil UST.

Cambria Environmental Technology, Inc.

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Suite A
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Site Background

To investigate the extent of petroleum hydrocarbon impacts to the subsurface, wells C-1 through C-8 were installed in March 1985. LNAPL was observed in wells C-1, C-3, and C-6. Data gathered from subsequent monitoring and sampling activities indicated that LNAPL was contained on the station property, but a dissolved hydrocarbon plume had migrated toward an adjacent residential development, the Forest Creek Townhomes.

In May 1985, recovery well RW-1 was installed near C-6 and a remediation system, consisting of groundwater extraction and treatment, was installed to inhibit offsite migration of the dissolved plume. Well C-9 was installed down-gradient of the recovery well to monitor the effectiveness of remediation. Groundwater monitoring was performed weekly from May to September 1985.

A soil gas investigation was conducted in September 1989. Sixteen exploratory probes were installed and soil vapor data were collected from depths between 8 and 20 feet below grade (fbg). Detected hydrocarbons ranged from <1 to 505 parts-per-million volume (ppmv). Benzene, toluene, ethylbenzene and xylene (BTEX) vapor concentrations indicated hydrocarbons in the soil, extending from the tank complex in the down-gradient direction.

Bi-weekly groundwater monitoring continued until September 1989. Laboratory analysis from September 1989 indicated dissolved total petroleum hydrocarbon as gasoline (TPHg) concentrations ranging from 310 (C-5) to 60,000 (C-3) parts per billion (ppb). BTEX constituents ranged from non-detect to 21,000 ppb (C-4).

In February 1990, wells C-10A, C-10B and C-11 through C-16 were installed to investigate groundwater conditions further down- and cross-gradient. TPHg was detected in soil samples from borings C-12 and C-15 at 200 and 10 parts per million (ppm), respectively. Benzene was detected in C-12 at 1.7 ppm.

Chemical Processors, Inc. (Chempro) took over monthly compliance sampling and reporting of treatment system operation in April 1990.

Three five-year-old 10,000-gallon USTs were removed in October 1990. Six compliance soil samples were collected from beneath the USTs at depths ranging from 15 to 18 fbg. TPHg concentrations ranged from non-detect to 440 ppm and benzene concentrations ranged from 0.27 to 3.9 ppm, in compliance samples.

Weiss Associates (Weiss) took over treatment system operation, sampling and reporting in April 1996. Weiss also collected site-specific soil, groundwater and soil vapor samples to analyze potential risks to human health.

A Corrective Action Plan (CAP) was submitted in May 2000. The CAP recommended bailing LNAPL, installing oxygen reducing compound (ORC) socks in wells located along the plume axis and quarterly groundwater monitoring. The plume length was estimated to be approximately 200 feet and plume axis wells were identified as C-3, C-6, C-9, and C-15. The discharge of benzene in groundwater to Crow Creek, if occurring, has likely fluctuated at concentrations near the MCL of 0.001 milligrams per liter (mg/L).

Wells C-10A and C-10B were destroyed in July 2001, to facilitate the sale of County owned property down gradient of subject site.

Delta submitted reports addressing the LNAPL source area, dissolved plume and remedial action in September and November 2002. Delta proposed a short-term high vacuum two-phase extraction event performed on well C-3 as the most cost effective remedial alternative available. Dissolved benzene and TPHg concentrations up-gradient, cross-gradient and down-gradient of the source area, with the exception of well C-3, had shown decreasing trends, indicating that the plume was attenuating. Delta also proposed monitored natural attenuation.

Remediation History

Three USTs and associated product lines were removed and replaced in 1985. In 1990, three 10,000-gallon USTs and associated product lines were removed and soil was sampled. A 550 gallon used-oil UST tank remains onsite.

Recovery well RW-1 was installed in 1985 and LNAPL was bailed on a bi-weekly basis. In May 1985, a groundwater extraction system was implemented in well RW-1 consisting of a submersible pump and carbon treatment. By September 1987, at least 32 gallons of hydrocarbons had been recovered from LNAPL bailing. LNAPL appeared to be localized in the vicinity of well C-3 between 23-32 fbg, based on a correlation with fluctuating groundwater.

Due to the clay soils underlying the site, the system's effectiveness was limited. The overall extraction rate averaged 0.2 gallons per minute.

In October, 2003, Cambria conducted a two-phase extraction (TPE) pilot test. The pilot test was originally scheduled to be performed for five days at the site. However, the test was extended to a total of twelve days to collect additional system performance data to evaluate possible full-scale system installation. TPE pilot test equipment consisted of a 400 cubic foot per minute (CFM) thermal/catalytic oxidizer, operating in thermal mode. TPE is a form of MPE in which groundwater and soil vapor are simultaneously extracted, using a high vacuum applied to a single pipe or "stinger", which has been lowered into groundwater within the extraction well casing.

Site Conditions

The site is located on the south side of Crow Canyon Road, on a hillside which slopes to the west toward Crow Canyon Creek.

Site Lithology: The site is underlain by interbedded clays, silts, clayey sands and clayey gravels to the maximum explored depth of approximately 51 fbg. Shale to silty sandstone bedrock was noted to begin between 46 and 51 fbg onsite. Bedrock has been identified as shallow as 18 fbg in offsite borings (Figure 3).

Groundwater: Quarterly monitoring has been conducted at the site since 1985. Groundwater has historically occurred between 15 and 22 fbg onsite and between 3 and 18 fbg offsite, depending on well location. Groundwater generally flows southwesterly at a gradient ranging from 0.09 to 0.20 ft/ft. LNAPL has been observed in monitor well C-3 since July of 2002 at thicknesses from 0.03 to 0.47 feet.

Hydrocarbon concentrations in groundwater: The highest hydrocarbon concentrations in groundwater are present west (down-gradient) of the former USTs and dispenser island. Recent groundwater sampling performed by Getter-Ryan (GR) in July 2006 noted 0.03 feet of LNAPL in onsite well C-3 and 60,000 ppb of TPHg and 19,000 ppb of benzene in off-site well C-6. The sample collected from off-site well C-15, located approximately 45 feet east of Crow Creek, contained 760 ppb of TPHg and 4 ppb of methyl tertiary butyl ether (MTBE) during the most recent sampling event.

SUBSURFACE SITE INVESTIGATION

Our objective was to investigate current soil conditions in the vicinity of the former UST complex and at the down-gradient property boundary to determine vertical delineation of hydrocarbon impact prior to design and installation of a dual-phase extraction remediation system.

Investigation Results

Cambria Environmental conducted the following scope of work during this investigation.

Soil Borings: To further investigate conditions beneath the site, Cambria advanced five soil borings (SB-1 through SB-5) to maximum depths of 48 fbg. Each boring location was cleared to 8 fbg using a hand auger and an air-knife assisted vacuum. Soil boring SB-1 was advanced near monitor well C-6 and SB-2 thru SB-5 were advanced in the vicinity of the former UST pit. Soil boring logs are presented in Attachment A.

Soil Sampling: Cambria collected soil samples at approximately 5 foot intervals and from areas with apparent evidence of hydrocarbon impacts. Samples collected above 8 fbg were collected as disturbed samples in a stainless steel sample tube, sealed with Teflon tape and plastic end caps. Borings were advanced continuously with a geoprobe sample rig after 8 feet fbg. Each sample was logged onto a chain of custody form, properly preserved on ice and delivered to the appropriate laboratory for analysis.

Sample Analysis: Selected soil samples were analyzed for:

- TPHg by modified EPA Method 8015M; and
- BTEX and fuel oxygenates EPA Method 8260B.

Soil Analytic Results: The highest hydrocarbon concentrations detected were 4,600 mg/kg TPHg, 5.5 mg/kg benzene, 96 mg/kg ethylbenzene, and 450 mg/kg xylenes in SB-3 at 35 fbg. Toluene was detected at a maximum concentration of 60 mg/kg in SB-5 at 32 fbg. Soil sample analytic results are presented in Table 1 and on Figures 3 and 4. The laboratory analytic report is presented in Attachment B.

Petroleum Hydrocarbon Distribution in Soils

Soil borings were advanced to determine the vertical and horizontal distribution of hydrocarbon impacts to aid in the design of the appropriate remediation system. Maximum hydrocarbon concentrations of 520 ppm of TPHg and 0.99 ppm of benzene were encountered in SB-1 (adjacent to well C-6) at 25 fbg. SB-2, (adjacent to well C-2), encountered maximum hydrocarbon concentrations of 1,300 ppm TPHg and 0.071 ppm benzene at 10.5 fbg. Maximum concentrations of 4,600 ppm TPHg and 5.5 ppm benzene were encountered in boring SB-3, (adjacent to well C-1) from 31-35 feet fbg. SB-4, (adjacent to well C-3), encountered maximum hydrocarbon concentrations of 950 ppm TPHg and 1.1 ppm of benzene between 25 and 45 fbg. SB-5 located on the southern edge of the former tank pit, encountered hydrocarbon concentrations of 980 ppm TPHg and 14 ppm benzene at 32 fbg. Boring SB-5 was terminated at 32 fbg due to bedrock refusal. MTBE was encountered in only one sample, SB-1 at 35 fbg, at a concentration of 0.0006 ppm. TPHg concentrations are depicted on Figure 3 and benzene concentrations are depicted on Figure 4.

PROPOSED REMEDIAL APPROACH

Cambria plans to implement an MPE system at the site as recommended by Cambria's July 12, 2005 *Two-Phase Extraction Pilot Test Report*. The MPE system will connect to existing wells C-1, C-3, C-6, C-9 and RW-1 (Figure 2). Additional wells may be added to the system as deemed necessary based on further evaluation of the soil investigation data and the results of the 2003 pilot test. Cambria is in the process of preparing a system design package which will be reviewed by Chevron's Remediation System Review Team (RSRT) on November 29, 2006. With assistance from the RSRT, Cambria will determine which MPE configuration will be more likely to achieve remediation success at the site: TPE, which was utilized during the 2003 pilot test, or dual-phase extraction, in which groundwater is extracted from wells using submersible pumps and soil vapor is removed by applying a vacuum to the casing of the well. After preparation and review of the design package, Cambria will prepare a formal RAP detailing the final design and the timeline for completing all tasks required to implement the designed system. The RAP will be submitted to ACEHS by January 5, 2007.

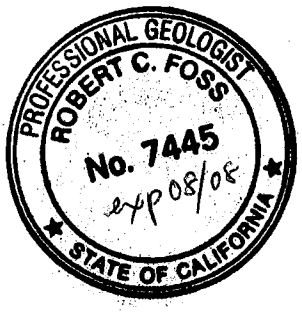
CLOSING

We appreciate this opportunity to work with you on this project. Please call Laura Genin at (510) 420-3367 if you have questions or comments.

Sincerely,
Cambria Environmental Technology, Inc.

Laura Genin
Project Geologist

Robert Foss, PG #7445
Associate Geologist



Figures: 1 – Site Vicinity Map
2 – Site Plan
3 – TPHg Concentrations in the Subsurface
4 – Benzene Concentrations in the Subsurface

Tables: 1 – Soil Analytic Results

Attachments: A – Soil Borings
B – Analytic Reports

cc: Satya Sinha, Chevron, 6001 Bollinger Canyon Road, San Ramon, CA 94583
Kevin Hinckley, 5269 Crow Canyon Road, Castro Valley, CA

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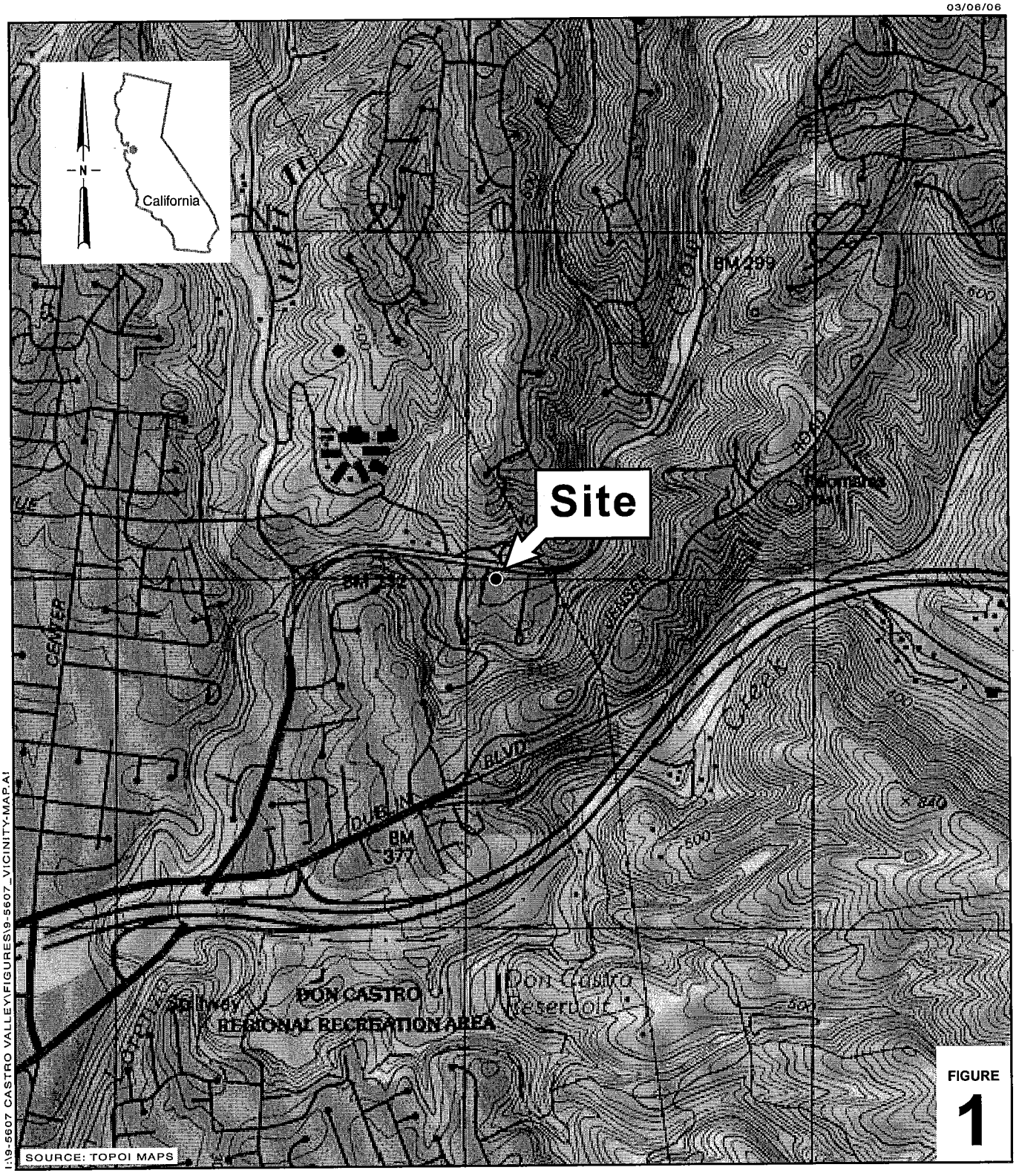

I:\9-5607 CASTRO VALLEY\FIGURES\9-5607_VICINITY-MAP.AI

FIGURE
1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Chevron Service Station 9-5607

5269 Crow Canyon Road

Castro Valley, California

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Vicinity Map

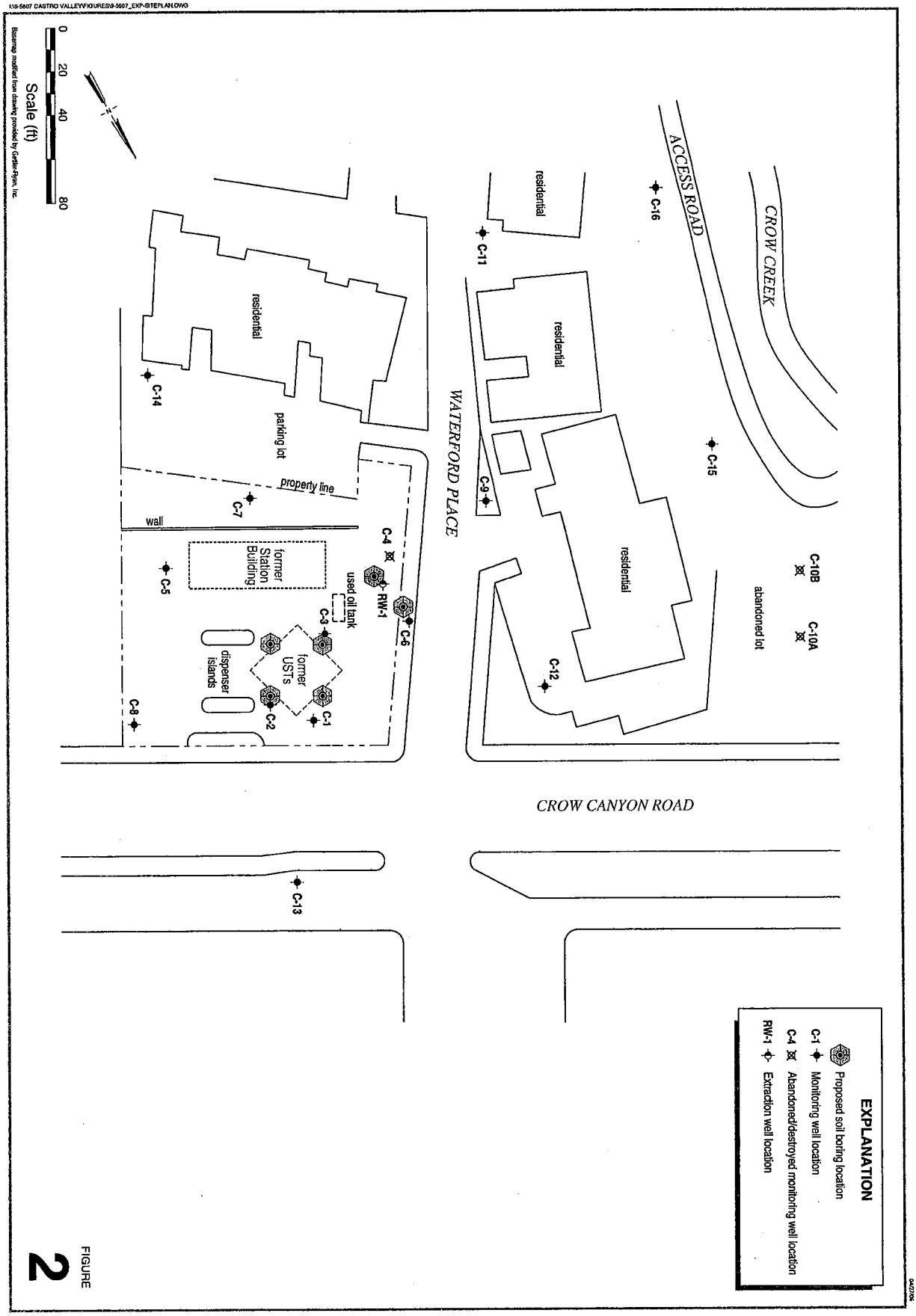

FIGURE 2

Former Chevron Station 9-5607
5269 Crow Canyon Road
Castro Valley, California

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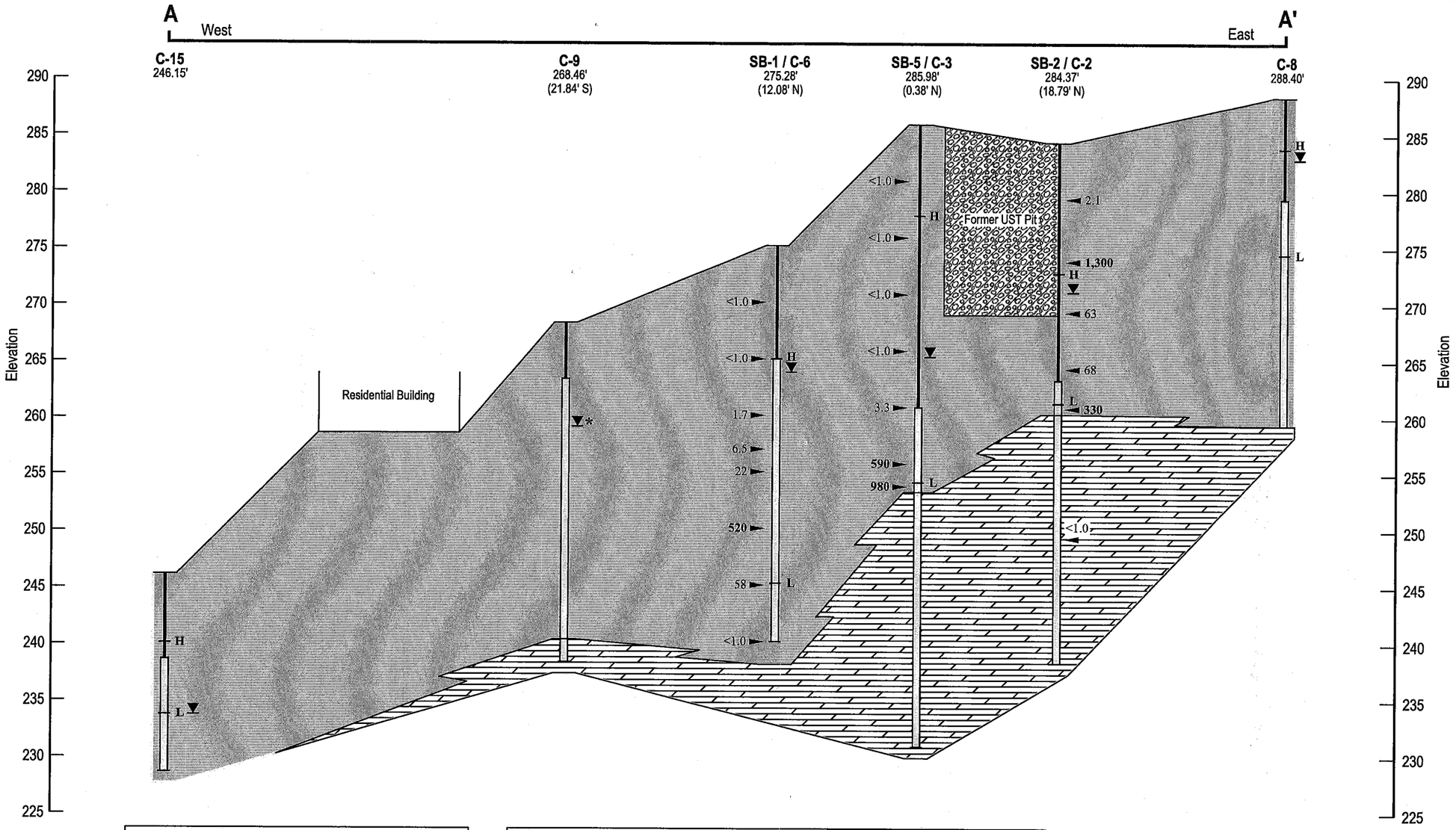
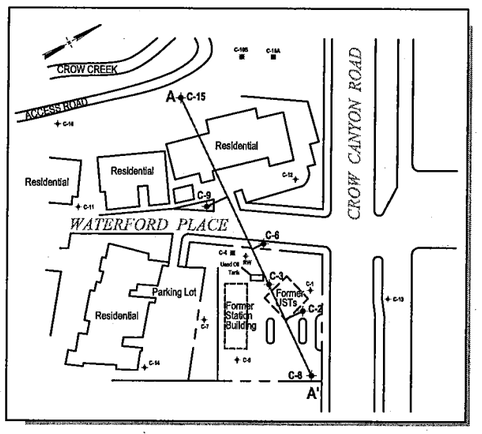
Site Plan with Proposed Soil Boring Locations

10/06/06

TPHg Concentrations in the Subsurface





EXPLANATION

- = Bedrock
- = Moderate Permeability Soils
- = Fill (Tank Pit)
- Groundwater Elevation
- H Maximum Groundwater Elevation
- L Minimum Groundwater Elevation
- * Groundwater Elevation estimated due to alteration of casing

Well ID — Well Designation
Elev. (offset) — Top of Casing Elevation
Groundwater Monitoring Well
Well Screen Interval
Bottom of boring
Soil sample location
TPHg — TPHg concentrations in soil in milligrams per kilogram (mg/kg)

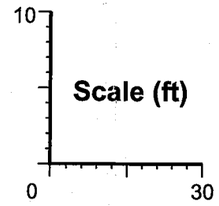


FIGURE
3

Chevron Service Station 9-5607
5269 Crow Canyon Road
Casto Valley, California

CAMBRIA

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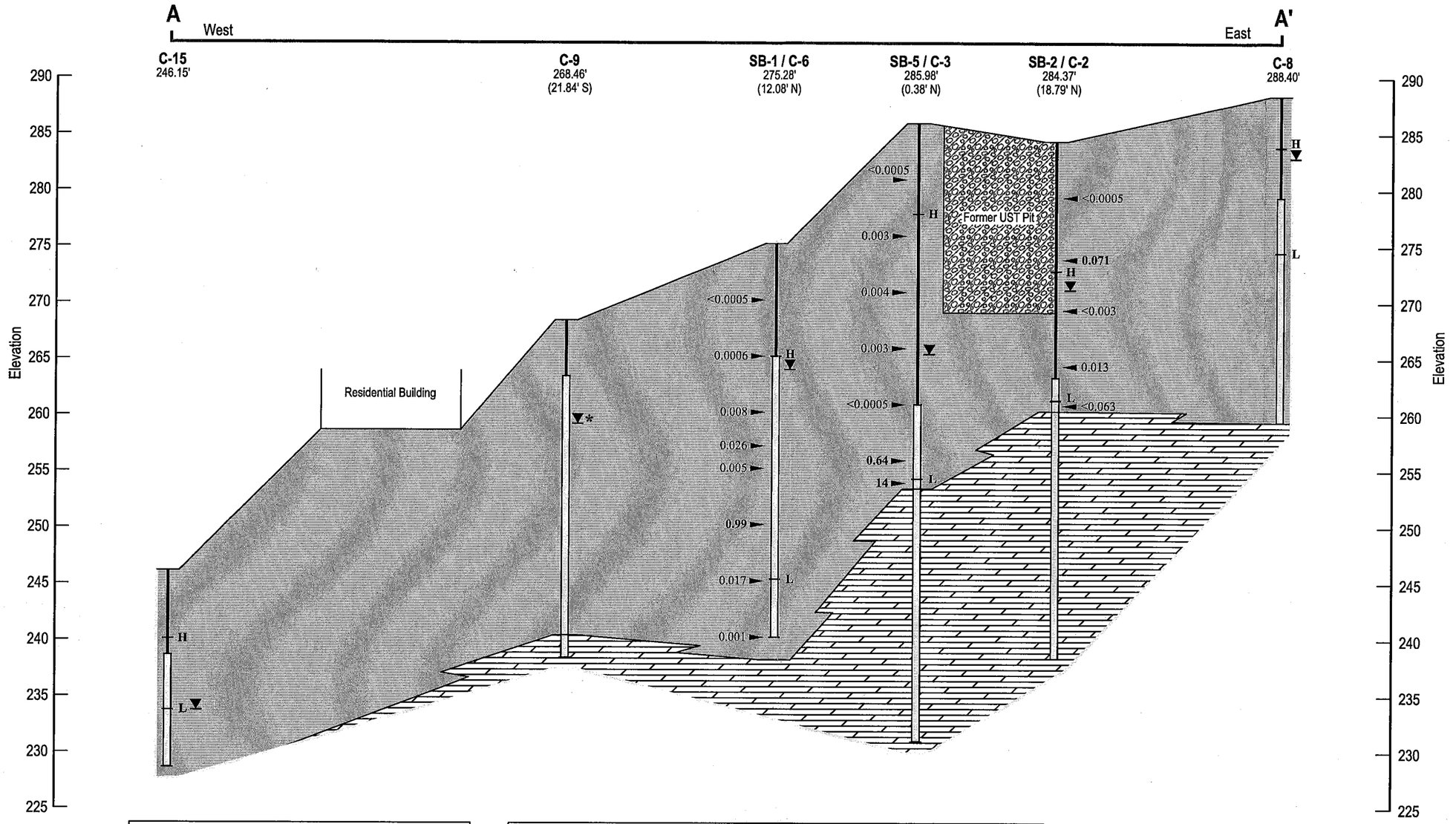
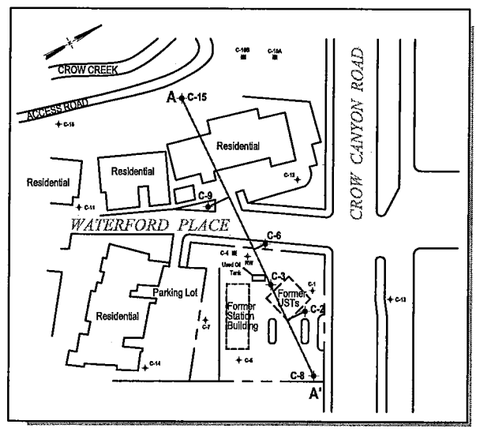
10/06/06

Benzene Concentrations in the Subsurface





EXPLANATION

- = Bedrock
- = Moderate Permeability Soils
- = Fill (Tank Pit)
- Groundwater Elevation
- H Maximum Groundwater Elevation
- L Minimum Groundwater Elevation
- * Groundwater Elevation estimated due to alteration of casing

Well ID — Well Designation
Elev. (offset) — Top of Casing Elevation
— Groundwater Monitoring Well
— Well Screen Interval
— Bottom of boring
— Soil sample location
Benzene — Benzene concentrations in soil in milligrams per kilogram (mg/kg)

10
Scale (ft)
0
30

FIGURE
4

Chevron Service Station 9-5607
5269 Crow Canyon Road
Casto Valley, California

CAMBRIA

I:\9-5607 CASTRO VALLEY\FIGURES\9-5607_X-SECTION-A-BENZ.DWG

Table 1. Soil Analytic Results - Former Chevron Station 9-5607, 5269 Crow Canyon Road, Castro Valley, CA

Sample ID	Sample Date	Sample Depth (fbg)	TPHg	B	T	E	X	MTBE
			< ------Concentrations reported in milligrams per kilogram - mg/kg ------>					
SB-1	7/5/2006	5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005
SB-1	7/6/2006	10	<1.0	**0.0006**	<0.001	<0.001	<0.001	<0.0005
SB-1	7/6/2006	15	**1.7**	**0.008**	**0.001**	<0.001	**0.003**	<0.0005
SB-1	7/6/2006	18	**6.5**	**0.026**	<0.001	**0.019**	**0.003**	<0.0005
SB-1	7/6/2006	20	**22**	**0.005**	<0.001	**0.025**	**0.040**	<0.0005
SB-1	7/6/2006	25	**520**	**0.99**	**0.83**	**11**	**28**	<0.062
SB-1	7/6/2006	30	**58**	**0.017**	**0.007**	**0.21**	**0.44**	<0.002
SB-1	7/6/2006	35	<1.0	**0.001**	**0.003**	**0.004**	**0.009**	**0.0006**
SB-2	7/5/2006	5	**2.1**	<0.0005	<0.001	<0.001	<0.001	<0.0005
SB-2	7/7/2006	10.5	**1,300**	**0.071**	<0.001	**0.36**	**0.18**	<0.062
SB-2	7/7/2006	15	**63**	<.003	<0.005	**0.013**	<0.005	<0.003
SB-2	7/7/2006	20	**68**	**0.013**	**0.010**	**0.41**	**0.10**	<0.002
SB-2	7/7/2006	23.5	**330**	<0.063	<0.13	**0.77**	<0.13	<0.063
SB-3	7/5/2006	5	<1.0	**0.0006**	<0.001	<0.001	<0.001	<0.0005
SB-3	7/6/2006	10	<1.0	**0.001**	**0.001**	<0.001	<0.001	<0.0005
SB-3	7/6/2006	15	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005
SB-3	7/6/2006	20	**6.7**	<0.0005	<0.001	**0.006**	**0.01**	<0.0005
SB-3	7/6/2006	25	**2.8**	**0.001**	**0.001**	**0.22**	**0.55**	<0.0005
SB-3	7/6/2006	31.5	**1,100**	<0.063	<0.13	**7.0**	**22**	<0.063
SB-3	7/6/2006	35	**4,600**	**5.5**	**28**	**96**	**450**	<0.062
SB-3	7/6/2006	38.5	<1.0	**0.0006**	<0.001	**0.001**	**0.002**	<0.0005
SB-4	7/5/2006	5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005
SB-4	7/6/2006	10	<1.0	**0.0009**	**0.001**	<0.001	**0.002**	<0.0005
SB-4	7/6/2006	15	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005
SB-4	7/6/2006	20	<1.0	**0.0008**	**0.001**	<0.001	**0.001**	<0.0005
SB-4	7/6/2006	25	**630**	<0.063	<0.13	**4.0**	**22**	<0.063
SB-4	7/6/2006	30	**950**	**1.1**	**1.0**	**10**	**50**	<0.063
SB-4	7/6/2006	35	**550**	**0.85**	**0.58**	**5.3**	**26**	<0.063
SB-4	7/6/2006	40	**720**	**0.72**	**0.73**	**14**	**69**	<0.063
SB-4	7/6/2006	45	**240**	**0.43**	**0.15**	**4.7**	**19**	<0.063
SB-4	7/6/2006	47.5	<1.0	**0.0008**	<0.001	<0.001	**0.002**	<0.0005

Cambria Environmental Technology, Inc.
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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	9-5607	DRILLING STARTED	05-Jul-06
LOCATION	5269 Crow Canyon Road, Castro Valley, California	DRILLING COMPLETED	06-Jul-06
PROJECT NUMBER	31J-1950	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Direct Push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	3.25 inch	SCREENED INTERVALS	NA
LOGGED BY	B. Deboer	DEPTH TO WATER (First Encountered)	25.0 fbg (06-Jul-06) ▽
REVIEWED BY	B. Foss PG #7445	DEPTH TO WATER (Static)	NA ▼
REMARKS	Cleared to 8 fbg using air-knife-assisted vacuum truck.		

PID (ppm)	SAMPLE ID	DEPTH (fbg)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
				ASPHALT	0.3
			SM	**Gravelly silty SAND:** Brown; 60% coarse-grained sand, 20% silt, 20% gravel; moist; non-plastic; high estimated permeability.	2.0
			ML	**Clayey SILT with sand:** Light Brown; 55% silt, 25% clay, 15% coarse-grained sand, 5% gravel; dry; medium estimated plasticity; low to medium estimated permeability.	3.0
			SM	**Gravelly silty SAND:** Light Brown; 40% medium-grained sand, 35% silt, 20% gravel, 5% clay; dry; low estimated plasticity; medium estimated permeability.	5.0
0	SB1-5	5		**Sandy SILT:** Light Brown; 60% silt, 35% sand, 5% clay; moist; low estimated plasticity; medium estimated permeability.	
				Clayey SILT with sand and gravel: Light Brown; 45% silt, 40% clay, 10% fine-grained sand, 5% gravel; high estimated plasticity; low to medium estimated permeability.	
48	SB1-10	10		**Clayey SILT with gravel and sand:** Black; 50% silt, 35% clay, 10% medium-grained sand, 5% gravel; dry; medium estimated plasticity.	
				Sandy SILT with gravel and clay: Brown; 55% Silt, 20% coarse-grained sand, 15% gravel, 10% clay; wet; high estimated permeability.	
87	SB1-15	15	ML	**Clayey SILT:** Black; 70% silt, 30% clay; dry; high estimated plasticity; low estimated permeability.	
	SB1-18			**Sandy SILT with gravel and clay:** Brown/Green; 50% silt, 20% coarse-grained sand, 15% gravel, 10% clay; wet; signs of staining.	
1464	SB1-20	20		**Sandy Clayey SILT:** Brown/Green; 40% silt, 30% medium-grained sand, 30% clay; dry; medium estimated plasticity.	
				Clayey SILT with sand: Brown/Green; 70% silt, 20% clay, 10% fine-grained sand; moist; high estimated plasticity.	
				▽	25.0
993	SB1-25	25	SM	**Silty SAND:** Brown/Green; 60% very fine-grained sand, 40% silt; wet; high estimated plasticity; medium estimated permeability.	
		30			

WELL DIAGRAM: ◄ Portland Type I/II

WELL LOG (PID) I:\9-5607-119-5607 BORING LOGS 082006.GPJ DEFAULT GDT 10/25/06

Continued Next Page

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

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	SB-1
JOB/SITE NAME	9-5607	**DRILLING STARTED**	05-Jul-06
LOCATION	5269 Crow Canyon Road, Castro Valley, California	**DRILLING COMPLETED**	06-Jul-06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
470		SB1-30						31.5	
					ML		**Sandy SILT:** Light Brown; 55% silt, 35% very fine-grained sand, 10% clay; moist; medium estimated plasticity; medium estimated permeability. **Sandy SILT:** Light Brown; 55% silt, 45% fine-grained sand; saturated; high estimated plasticity; high estimated permeability.	35.0	
278		SB1-35		35			**Refusal on SANDSTONE:** Light gray; dry.	36.0	Bottom of Boring @ 36 fbg

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Fax: 510-420-9170

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	SB-2
JOB/SITE NAME	9-5607	DRILLING STARTED	05-Jul-06
LOCATION	5269 Crow Canyon Road, Castro Valley, California	DRILLING COMPLETED	07-Jul-06
PROJECT NUMBER	31J-1950	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Direct Push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	3.25 inch	SCREENED INTERVALS	NA
LOGGED BY	B. Deboer	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	B. Foss PG #7445	DEPTH TO WATER (Static)	NA
REMARKS	Cleared to 8 fbg using air-knife-assisted vacuum truck.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					SP		ASPHALT **Gravelly SAND:** Gray; 70% medium to coarse-grained sand, 30% gravel; dry; non-plastic; high estimated permeability.	0.4 3.0	
					SM		**Silty SAND:** Light gray; 75% fine to medium-grained sand, 25% silt; moist; medium estimated plasticity; high estimated permeability.	5.0	
5		SB2-5		5	ML		**Gravelly SILT with sand:** Gray; 40% silt, 35% gravel, 15% sand, 10% clay; dry; low estimated plasticity; medium estimated permeability.	7.0	
865		SB2-1 0.5		10	SW		**SAND with silt and gravel:** Light gray; 70% medium-grained sand, 15% silt, 15% gravel; moist; low estimated plasticity; medium estimated permeability. @ 10 fbg change in the following parameters: Green; dry. @ 12 fbg change in moisture to moist.	14.0	Portland Type I/II
1029		SB2-1 5		15	ML		**Clayey SILT:** Brown/Green; 60% silt, 40% clay; dry; high estimated plasticity; low estimated permeability.	16.0	
					SW		**SAND with silt and gravel:** Bright green; 70% medium-grained sand, 15% silt, 15% gravel; moist; low estimated plasticity; high estimated permeability.	17.0	
					ML		**Clayey SILT:** Brown; 60% silt, 35% clay, 5% fine-grained sand; dry; high estimated plasticity; low estimated permeability.	19.0	
					SW		**SAND with silt and clay:** Brown/Green; 70% medium-grained sand, 15% clay, 15% silt; high estimated permeability.	20.0	
342		SB2-2 0		20	ML		**Clayey SILT:** Dark green; 60% silt, 35% clay, 5% fine-grained sand; high estimated plasticity; low estimated permeability.	21.0	
					SP		**SAND:** Brown/Green; 90% fine-grained sand,10% silt; high estimated permeability.	24.0	
946		SB2-2 3.5					**Refusal on SANDSTONE:**	25.0	Bottom of Boring @ 24 fbg

WELL LOG (PID) I:\9-5607-119-5607 BORING LOGS 082006.GPJ DEFAULT.GDT 10/25/06

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5900 Hollis Street, Suite A
Emeryville, CA 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	9-5607	DRILLING STARTED	05-Jul-06
LOCATION	5269 Crow Canyon Road, Castro Valley, California	DRILLING COMPLETED	07-Jul-06
PROJECT NUMBER	31J-1950	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Direct Push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	3.25 inch	SCREENED INTERVALS	NA
LOGGED BY	B. Deboer	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	B. Foss PG #7445	DEPTH TO WATER (Static)	NA

REMARKS: Cleared to 8 fbg using air-knife-assisted vacuum truck.

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.2	
					ML		**Sandy SILT:** Light brown; 80% silt, 15% very fine-grained sand, 5% gravel; dry; low estimated plasticity; medium estimated permeability.	3.0	
					SM		**SAND with silt:** Gray; 85% medium-grained sand, 15% silt; dry; non-plastic; high estimated permeability.	4.5	
3		SB3-5		5			**Clayey SILT with sand and gravel:** Black; 55% silt, 20% clay, 15% fine-grained sand, 10% gravel; moist; low estimated plasticity; medium estimated permeability. @ 6 fbg change in the following parameters: Light brown; 55% silt, 25% clay, 10% fine-grained sand; 10% gravel; dry. @ 7 fbg change in the following parameters: Dark brown; moist; medium estimated plasticity; medium estimated permeability.		
244		SB3-10		10			@ 11 fbg change in the following parameters: Black; 50% silt, 40% clay, 10% gravel; dry; high estimated plasticity; low estimated permeability. @ 12 fbg change in the following parameters: 70% silt, 20% clay, 10% coarse-grained sand; moist; medium estimated plasticity; medium estimated permeability. @ 13 fbg change in the following parameters: 55% silt, 35% clay, 10% coarse-grained sand; dry; high estimated plasticity; low estimated permeability. @ 15 fbg change in the following parameters: 60% silt, 40% clay; high estimated plasticity; low estimated permeability. @ 16 fbg change to moist. @ 17 fbg change in the following parameters: 55% silt, 40% clay, 5% gravel; dry.		
250		SB3-15		15					
530		SB3-20		20	ML				Portland Type I/II
1665		SB3-25		25			@ 26 fbg change in the following parameters: Dark brown; 45% silt, 35% clay, 15% fine-grained sand, 5% gravel; moist; medium estimated plasticity, medium estimated permeability.		
				30					

Continued Next Page

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	SB-3
JOB/SITE NAME	9-5607	**DRILLING STARTED**	05-Jul-06
LOCATION	5269 Crow Canyon Road, Castro Valley, California	**DRILLING COMPLETED**	07-Jul-06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
1332		SB3-3 1.5					@ 30 fbg change in the following parameters: Dark brown/green; 50% silt, 30% fine-grained sand, 20% clay; dry.		
							@ 33 fbg change in the followng parameters: Dark brown; 70% silt, 15% clay, 15% very fine-grained sand; moist; high estimated plasticity.		
1209		SB3-3 5		35					
							@ 37 fbg change in the following parameters: Dark green; 70% silt, 15% clay, 15% very fine-grained sand; moist.		
1289		SB3-3 8.5						39.0	Bottom of Boring @ 39 fbg
							SANDSTONE	40.0	

WELL LOG (PID) I:\9-5607-119-5607 BORING LOGS 082006.GPJ DEFAULT.GDT 10/25/06

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	SB-4
JOB/SITE NAME	9-5607	**DRILLING STARTED**	05-Jul-06
LOCATION	5269 Crow Canyon Road, Castro Valley, California	**DRILLING COMPLETED**	07-Jul-06
PROJECT NUMBER	31J-1950	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	3.25 inch	**SCREENED INTERVALS**	NA
LOGGED BY	B. Deboer	**DEPTH TO WATER (First Encountered)**	43.0 fbg (07-Jul-06) ▽
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA ▼

REMARKS Cleared to 8 fbg using air-knife-assisted vacuum truck.

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.3	
					ML		**Sandy SILT:** Light brown; 60% silt, 30% fine-grained sand, 10% gravel; dry; low estimated plasticity; medium estimated permeability.		
0		SB4-5		5			@ 4 fbg change in the following parameters: 70% silt, 15% sand, 10% gravel, 5% clay.	6.0	
					SW		**Gravelly SAND with silt :** Gray; 60% medium-grained sand, 25% gravel, 15% silt; dry; low estimated plasticity; high estimated permeability.	7.0	
							Clayey SILT with sand: Black; 70% silt, 20% clay, 10% sand; dry; high estimated plasticity; low estimated permeability.		
3		SB4-10		10			@ 13 fbg change in the following parameters: 60% silt, 40% clay.		
2		SB4-15		15			**Gravelly, Clayey SILT with sand:** Black; 50% silt, 25% clay, 10% fine-grained sand, 15% gravel; medium estimated plasticity.		
2		SB4-20		20			**Clayey SILT:**Black; 70% silt, 30% clay; high estimated plasticity.		
							@ 23 fbg change in the following parameters: Dark brown/green; 60% silt, 40% clay.		◄ Portland Type I/II
2099		SB4-25		25			**Sandy Clayey SILT:**Light Brown; 65% silt, 20% clay, 15% fine-grained sand; medium estimated plasticity; medium estimated permeability.		
					ML				
				30					

Continued Next Page

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	SB-4
JOB/SITE NAME	9-5607	**DRILLING STARTED**	05-Jul-06
LOCATION	5269 Crow Canyon Road, Castro Valley, California	**DRILLING COMPLETED**	07-Jul-06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
828		SB4-3 0					**Clayey, Gravelly SILT with Sand:** Black; 60% silt, 15% clay, 15% gravel, 10% medium-grained sand; moist. @ 31 fbg change in the following parameters: Brown; 60% silt, 30% clay, 10% fine-grained sand.		
1269		SB4-3 5		35			**Sandy SILT with clay:** Brown; 60% silt, 30% fine-grained sand, 10% clay; moist, medium estimated plasticity, medium estimated permeability.		
24		SB4-4 0		40			@ 42 fbg change in the following parameters: 65% silt, 20% fine-grained sand, 10% clay, 5% gravel; wet. ▽		
772		SB4-4 5		45			**Sandy SILT with trace gravels**: Brown; 55% silt, 40% fine-grained sand, 5% gravel; moist, low estimated plasticity.		
119		SB4-4 7.5						48.0	
							SANDSTONE	49.0	Bottom of Boring @ 48 fbg

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	SB-5
JOB/SITE NAME	9-5607	**DRILLING STARTED**	05-Jul-06
LOCATION	5269 Crow Canyon Road, Castro Valley, California	**DRILLING COMPLETED**	07-Jul-06
PROJECT NUMBER	31J-1950	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Direct Push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	3.25 inch	**SCREENED INTERVALS**	NA
LOGGED BY	B. Deboer	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss PG #7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Cleared to 8 fbg using air-knife-assisted vacuum truck.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					SM		ASPHALT	0.3	
							Silty SAND: Light Brown/gray; 80% sand, 20% silt; dry; non-plastic; high estimated permeability.	3.0	
0		SB5-5		5			**Gravelly SILT with sand:** Light brown; 40% silt, 35% gravel, 15% medium-grained sand, 10% clay; dry; low estimated plasticity; medium estimated permeability.		
							Gravelly, Sandy SILT with clay: Brown; 55% silt, 20% medium-grained sand, 15% gravel, 10% clay; dry, medium estimated plasticity; medium estimated permeability.	7.0	
							Clayey SILT with sand: Gray; 55% silt, 25% clay, 15% medium-grained sand, 5% gravel; moist, medium estimated plasticity; medium estimated permeability. @ 8 fbg change to color Black.		
0		SB5-10		10			@ 10 fbg change in the following parameters: 55% silt, 30% clay, 10% medium-grained sand, 5% gravel.		
							Sandy, Gravelly SILT with clay: Black; 50% silt, 20% coarse-grained sand, 20% gravel, 10% clay; moist, low estimated plasticity, medium estimated permeability.		
							Clayey SILT with trace sand: Black; 70% silt, 25% clay, 5% medium-grained sand; moist, medium estimated plasticity.		
0		SB5-15		15			@ 16 fbg change to dry.		Portland Type I/II
					ML		@ 19 fbg change in the following parameters: Light brown; 60% silt, 40% clay; high estimated plasticity; low estimated permeability.		
0		SB5-20		20					
0		SB5-25		25			@ 26 fbg change in the following parameters: 75% silt, 25% clay.		
				30					

WELL LOG (PID) I:\9-5607~1\9-5607 BORING LOGS 082006.GPJ DEFAULT.GDT 10/25/06

Continued Next Page

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	SB-5
JOB/SITE NAME	9-5607	**DRILLING STARTED**	05-Jul-06
LOCATION	5269 Crow Canyon Road, Castro Valley, California	**DRILLING COMPLETED**	07-Jul-06

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
31		SB5-3 0					**Sandy SILT with clay and gravel:** Brown; 65% silt, 15% medium-grained sand, 10% clay, 10% gravel; medium estimated plasticity; medium estimated permeability. **Clayey SILT:** Green/Black; 60% silt, 30% clay, 10% fine-grained sand; moist; high estimated plasticity. Boring Terminated at 32.5 feet.	32.5	Bottom of Boring @ 32.5 fbg
74		SB5-3 2							

Attachment B

Soil Analytic Results

Lancaster Laboratories
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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 996718. Samples arrived at the laboratory on Tuesday, July 11, 2006. The PO# for this group is 0015006480 and the release number is SINHA.

Client Description			Lancaster Labs Number
SB-3-S-10-060706	Grab	Soil	4811484
SB-3-S-15-060706	Grab	Soil	4811485
SB-3-S-20-060706	Grab	Soil	4811486
SB-3-S-25-060706	Grab	Soil	4811487
SB-3-S-31.5-060706	Grab	Soil	4811488
SB-3-S-35-060706	Grab	Soil	4811489
SB-3-S-38.5-060706	Grab	Soil	4811490
SB-4-S-10-060706	Grab	Soil	4811491
SB-4-S-15-060706	Grab	Soil	4811492
SB-4-S-20-060706	Grab	Soil	4811493
SB-4-S-25-060706	Grab	Soil	4811494
SB-4-S-30-060706	Grab	Soil	4811495
SB-4-S-35-060706	Grab	Soil	4811496
SB-1-S-5-060705	Grab	Soil	4811497
SB-3-S-5-060705	Grab	Soil	4811498
SB-2-S-5-060705	Grab	Soil	4811499
SB-4-S-5-060705	Grab	Soil	4811500
SB-5-S-5-060705	Grab	Soil	4811501
SB-1-S-10-060706	Grab	Soil	4811502
SB-1-S-15-060706	Grab	Soil	4811503
SB-1-S-18-060706	Grab	Soil	4811504
SB-1-S-20-060706	Grab	Soil	4811505
SB-1-S-25-060706	Grab	Soil	4811506
SB-1-S-30-060706	Grab	Soil	4811507
SB-4-S-40-060706	Grab	Soil	4811508

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Analysis Report

SB-4-S-45-060706	Grab	Soil	4811509
SB-4-S-47.5-060706	Grab	Soil	4811510
SB-5-S-10-060707	Grab	Soil	4811511
SB-5-S-15-060707	Grab	Soil	4811512
SB-5-S-20-060707	Grab	Soil	4811513
SB-5-S-25-060707	Grab	Soil	4811514
SB-5-S-30-060707	Grab	Soil	4811515
SB-5-S-32-060707	Grab	Soil	4811516
SB-2-S-10.5-060707	Grab	Soil	4811517
SB-2-S-15-060707	Grab	Soil	4811518
SB-2-S-20-060707	Grab	Soil	4811519
SB-2-S-23.5-060707	Grab	Soil	4811520
SB-1-S-35-060706	Grab	Soil	4811521

ELECTRONIC COPY TO Cambria Attn: Laura Genin

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 4811484

SB-3-S-10-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-3
Collected:07/06/2006 11:26 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA310

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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
05460	Benzene	71-43-2	0.001	0.0005	mg/kg	0.99
05466	Toluene	108-88-3	0.001	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	07/12/2006 21:35	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 02:33	Stephanie A Selis	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/12/2006 12:58	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 14:41	Eric L Vera	n.a.

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4811485

SB-3-S-15-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-3
Collected:07/06/2006 11:30 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA315

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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05466	Toluene	108-88-3	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	07/12/2006 23:37	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 02:55	Stephanie A Selis	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/12/2006 13:00	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 14:43	Eric L Vera	n.a.

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4811486

SB-3-S-20-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-3
Collected:07/06/2006 11:48 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA320

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	6.7	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	0.006	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.01	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	07/13/2006 01:39	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 04:04	Stephanie A Selis	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/12/2006 13:27	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 14:52	Eric L Vera	n.a.

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4811487

SB-3-S-25-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-3
Collected:07/06/2006 11:58 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA325

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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
05460	Benzene	71-43-2	0.001	0.0005	mg/kg	1
05466	Toluene	108-88-3	0.001	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	0.22	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.55	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	07/13/2006 02:20	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 05:57	Stephanie A Selis	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/12/2006 13:37	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 14:55	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811488

SB-3-S-31.5-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-3
Collected:07/06/2006 12:08 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA331

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.	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	125.63
05460	Benzene	71-43-2	N.D.	0.063	mg/kg	125.63
05466	Toluene	108-88-3	N.D.	0.13	mg/kg	125.63
05474	Ethylbenzene	100-41-4	7.0	0.13	mg/kg	125.63
06301	Xylene (Total)	1330-20-7	22.	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 SW-846 8015B mod	1	07/13/2006 03:01	Linda C Pape	10000
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/17/2006 14:33	Susan McMahon-Luu	125.63
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/17/2006 09:54	Susan McMahon-Luu	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 14:58	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811489

SB-3-S-35-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-3
Collected:07/06/2006 12:19 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA335

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	4,600.	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.062	mg/kg	124.69
05460	Benzene	71-43-2	5.5	0.062	mg/kg	124.69
05466	Toluene	108-88-3	28.	0.12	mg/kg	124.69
05474	Ethylbenzene	100-41-4	96.	1.2	mg/kg	1246.88
06301	Xylene (Total)	1330-20-7	450.	1.2	mg/kg	1246.88

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	07/13/2006 06:36	Linda C Pape	10000
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/15/2006 01:43	Jason M Long	124.69
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/15/2006 02:07	Jason M Long	1246.88
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/14/2006 13:51	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 15:00	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811490

SB-3-S-38.5-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-3
Collected:07/06/2006 12:30 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA338

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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
05460	Benzene	71-43-2	0.0006	0.0005	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	0.001	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	07/13/2006 07:17	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 04:27	Stephanie A Selis	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/12/2006 13:28	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 15:04	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811491

SB-4-S-10-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-4
Collected:07/06/2006 15:00 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA410

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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
05460	Benzene	71-43-2	0.0009	0.0005	mg/kg	0.99
05466	Toluene	108-88-3	0.001	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	07/13/2006 07:58	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 04:49	Stephanie A Selis	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/12/2006 13:30	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 15:07	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811492

SB-4-S-15-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-4
Collected:07/06/2006 15:05 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA415

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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05466	Toluene	108-88-3	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	07/13/2006 08:38	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 05:12	Stephanie A Selis	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/12/2006 13:32	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 15:10	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811493

SB-4-S-20-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-4
Collected:07/06/2006 15:16 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA420

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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
05460	Benzene	71-43-2	0.0008	0.0005	mg/kg	1.01
05466	Toluene	108-88-3	0.001	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	0.001	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	07/13/2006 10:41	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 05:35	Stephanie A Selis	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/12/2006 13:35	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 15:12	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811494

SB-4-S-25-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-4
Collected:07/06/2006 15:24 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA425

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	630.	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	125.63
05460	Benzene	71-43-2	N.D.	0.063	mg/kg	125.63
05466	Toluene	108-88-3	N.D.	0.13	mg/kg	125.63
05474	Ethylbenzene	100-41-4	4.0	0.13	mg/kg	125.63
06301	Xylene (Total)	1330-20-7	22.	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 SW-846 8015B mod	1	07/13/2006 11:21	Linda C Pape	10000
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/17/2006 14:58	Susan McMahon-Luu	125.63
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/17/2006 09:56	Susan McMahon-Luu	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 15:15	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811495

SB-4-S-30-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-4
Collected:07/06/2006 15:32 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA430

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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	125.31
05460	Benzene	71-43-2	1.1	0.063	mg/kg	125.31
05466	Toluene	108-88-3	1.0	0.13	mg/kg	125.31
05474	Ethylbenzene	100-41-4	10.	0.13	mg/kg	125.31
06301	Xylene (Total)	1330-20-7	50.	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	07/13/2006 12:02	Linda C Pape	5000
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/15/2006 02:55	Jason M Long	125.31
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/14/2006 13:59	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 15:18	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811496

SB-4-S-35-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-4
Collected:07/06/2006 15:44 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA435

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	550.	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	125.94
05460	Benzene	71-43-2	0.85	0.063	mg/kg	125.94
05466	Toluene	108-88-3	0.58	0.13	mg/kg	125.94
05474	Ethylbenzene	100-41-4	5.3	0.13	mg/kg	125.94
06301	Xylene (Total)	1330-20-7	26.	0.13	mg/kg	125.94

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	07/13/2006 12:43	Linda C Pape	5000
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/14/2006 23:43	Jason M Long	125.94
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/14/2006 14:02	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 15:25	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811497

SB-1-S-5-060705 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-1
Collected:07/05/2006 08:40 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA1-5

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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05466	Toluene	108-88-3	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	07/12/2006 16:49	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 06:20	Stephanie A Selis	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/12/2006 14:33	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 15:35	Eric L Vera	n.a.

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4811498

SB-3-S-5-060705 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-3
Collected:07/05/2006 09:55 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA3-5

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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
05460	Benzene	71-43-2	0.0006	0.0005	mg/kg	1
05466	Toluene	108-88-3	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	07/12/2006 17:30	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 06:43	Stephanie A Selis	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/12/2006 14:35	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 15:38	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811499

SB-2-S-5-060705 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-2
Collected:07/05/2006 11:10 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA2-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	2.1	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05466	Toluene	108-88-3	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	07/12/2006 18:11	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 07:05	Stephanie A Selis	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/12/2006 14:38	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 15:42	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811500

SB-4-S-5-060705 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-4
Collected:07/05/2006 12:00 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA4-5

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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05466	Toluene	108-88-3	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	07/12/2006 18:52	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 07:28	Stephanie A Selis	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/12/2006 14:42	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 15:46	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811501

SB-5-S-5-060705 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-5
Collected:07/05/2006 12:35 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA5-5

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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05466	Toluene	108-88-3	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	07/12/2006 19:32	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 07:51	Stephanie A Selis	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/12/2006 14:45	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 15:49	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811502

SB-1-S-10-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-1
Collected:07/06/2006 09:10 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA110

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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
05460	Benzene	71-43-2	0.0006	0.0005	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

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	07/12/2006 20:13	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 08:13	Stephanie A Selis	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/12/2006 14:47	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 15:53	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811503

SB-1-S-15-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-1
Collected:07/06/2006 09:13 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA115

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	1.7	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
05460	Benzene	71-43-2	0.008	0.0005	mg/kg	0.99
05466	Toluene	108-88-3	0.001	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	0.003	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	07/17/2006 10:03	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/14/2006 17:22	Emiley A King	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/14/2006 16:43	Nicholas R Rossi	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 15:56	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811504

SB-1-S-18-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-1
Collected:07/06/2006 09:23 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA118

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	6.5	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
05460	Benzene	71-43-2	0.026	0.0005	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	0.019	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.003	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	07/12/2006 20:54	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 10:07	Stephanie A Selis	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/12/2006 14:52	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 16:14	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811505

SB-1-S-20-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-1
Collected:07/06/2006 09:25 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA120

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	22.	4.0	mg/kg	100
	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
05460	Benzene	71-43-2	0.005	0.0005	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	0.025	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	0.040	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	07/18/2006 04:12	Linda C Pape	100
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 11:29	Emiley A King	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/13/2006 11:08	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 16:17	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811506

SB-1-S-25-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-1
Collected:07/06/2006 09:34 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA125

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	520.	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.062	mg/kg	124.38
05460	Benzene	71-43-2	0.99	0.062	mg/kg	124.38
05466	Toluene	108-88-3	0.83	0.12	mg/kg	124.38
05474	Ethylbenzene	100-41-4	11.	0.12	mg/kg	124.38
06301	Xylene (Total)	1330-20-7	28.	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	07/17/2006 13:16	Linda C Pape	5000
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/15/2006 00:07	Jason M Long	124.38
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/14/2006 14:06	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 16:19	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811507

SB-1-S-30-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-1
Collected:07/06/2006 09:42 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA130

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	58.	4.0	mg/kg	100
	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.002	mg/kg	4.95
05460	Benzene	71-43-2	0.017	0.002	mg/kg	4.95
05466	Toluene	108-88-3	0.007	0.005	mg/kg	4.95
05474	Ethylbenzene	100-41-4	0.21	0.005	mg/kg	4.95
06301	Xylene (Total)	1330-20-7	0.44	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	07/17/2006 13:56	Linda C Pape	100
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/18/2006 00:00	Nicholas R Rossi	4.95
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/17/2006 17:12	Nicholas R Rossi	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 16:22	Eric L Vera	n.a.

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4811508

SB-4-S-40-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-4
Collected:07/06/2006 16:04 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA440

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	720.	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	125
05460	Benzene	71-43-2	0.72	0.063	mg/kg	125
05466	Toluene	108-88-3	0.73	0.13	mg/kg	125
05474	Ethylbenzene	100-41-4	14.	0.13	mg/kg	125
06301	Xylene (Total)	1330-20-7	69.	0.13	mg/kg	125

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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	07/17/2006 14:37	Linda C Pape	5000
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/17/2006 19:20	Lauren C Marzario	125
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/14/2006 14:13	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 16:25	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811509

SB-4-S-45-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-4
Collected:07/06/2006 16:19 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:45
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C4-45

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	240.	100.	mg/kg	2500
	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	125.63
05460	Benzene	71-43-2	0.43	0.063	mg/kg	125.63
05466	Toluene	108-88-3	0.15	0.13	mg/kg	125.63
05474	Ethylbenzene	100-41-4	4.7	0.13	mg/kg	125.63
06301	Xylene (Total)	1330-20-7	19.	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 SW-846 8015B mod	1	07/17/2006 15:18	Linda C Pape	2500
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/17/2006 19:42	Lauren C Marzario	125.63
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/14/2006 14:16	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 16:31	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811510

SB-4-S-47.5-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-4
Collected:07/06/2006 16:20 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:46
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C4-47

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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
05460	Benzene	71-43-2	0.0008	0.0005	mg/kg	0.99
05466	Toluene	108-88-3	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	07/17/2006 15:59	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 08:59	Stephanie A Selis	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/12/2006 14:58	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 16:35	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811511

SB-5-S-10-060707 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-5
Collected:07/07/2006 09:10 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:46
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5-10

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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
05460	Benzene	71-43-2	0.003	0.0005	mg/kg	1
05466	Toluene	108-88-3	0.003	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

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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	07/17/2006 16:40	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 09:22	Stephanie A Selis	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/12/2006 15:02	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 16:40	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811512

SB-5-S-15-060707 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-5
Collected:07/07/2006 09:16 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:46
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5-15

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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
05460	Benzene	71-43-2	0.004	0.0005	mg/kg	0.99
05466	Toluene	108-88-3	0.004	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

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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	07/17/2006 19:23	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 09:44	Stephanie A Selis	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/12/2006 15:05	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 16:42	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811513

SB-5-S-20-060707 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-5
Collected:07/07/2006 09:25 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:46
Discard: 08/21/2006

ChevronTexaco
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C5-20

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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
05460	Benzene	71-43-2	0.003	0.0005	mg/kg	1
05466	Toluene	108-88-3	0.003	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.001	0.001	mg/kg	1

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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	07/17/2006 20:03	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 15:39	Nicholas R Rossi	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/12/2006 15:08	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 16:46	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811514

SB-5-S-25-060707 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-5
Collected:07/07/2006 09:30 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:46
Discard: 08/21/2006

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C5-25

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	3.3	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05466	Toluene	108-88-3	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

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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	07/17/2006 20:44	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 16:02	Nicholas R Rossi	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/13/2006 14:13	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 16:48	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811515

SB-5-S-30-060707 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-5
Collected:07/07/2006 09:38 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:46
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5-30

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	590.	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.062	mg/kg	124.38
05460	Benzene	71-43-2	0.64	0.062	mg/kg	124.38
05466	Toluene	108-88-3	0.80	0.12	mg/kg	124.38
05474	Ethylbenzene	100-41-4	8.4	0.12	mg/kg	124.38
06301	Xylene (Total)	1330-20-7	35.	0.12	mg/kg	124.38

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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	07/17/2006 21:25	Linda C Pape	5000
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/17/2006 20:06	Lauren C Marzario	124.38
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/14/2006 14:20	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 16:52	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811516

SB-5-S-32-060707 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-5
Collected:07/07/2006 09:51 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:46
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5-32

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	980.	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.062	mg/kg	124.07
05460	Benzene	71-43-2	14.	0.062	mg/kg	124.07
05466	Toluene	108-88-3	60.	1.2	mg/kg	1240.69
05474	Ethylbenzene	100-41-4	34.	0.12	mg/kg	124.07
06301	Xylene (Total)	1330-20-7	180.	1.2	mg/kg	1240.69

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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	07/17/2006 22:06	Linda C Pape	10000
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/17/2006 20:29	Lauren C Marzario	124.07
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/17/2006 21:41	Lauren C Marzario	1240.69
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/14/2006 14:24	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 17:01	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811517

SB-2-S-10.5-060707 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-2
Collected:07/07/2006 10:27 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:46
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C2-10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	1,300.	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.062	mg/kg	123.76
05460	Benzene	71-43-2	0.071	0.062	mg/kg	123.76
05466	Toluene	108-88-3	N.D.	0.12	mg/kg	123.76
05474	Ethylbenzene	100-41-4	0.36	0.12	mg/kg	123.76
06301	Xylene (Total)	1330-20-7	0.18	0.12	mg/kg	123.76

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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	07/17/2006 22:47	Linda C Pape	5000
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/17/2006 22:04	Lauren C Marzario	123.76
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/14/2006 14:29	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 17:08	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811518

SB-2-S-15-060707 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-2
Collected:07/07/2006 10:32 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:46
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C2-15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	63.	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.003	mg/kg	5
05460	Benzene	71-43-2	N.D.	0.003	mg/kg	5
05466	Toluene	108-88-3	N.D.	0.005	mg/kg	5
05474	Ethylbenzene	100-41-4	0.013	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.					

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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	07/17/2006 23:27	Linda C Pape	250
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/18/2006 12:19	Stephanie A Selis	5
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/18/2006 02:32	Stephanie A Selis	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 17:10	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4811519

SB-2-S-20-060707 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-2
Collected:07/07/2006 10:51 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:46
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C2-20

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	68.	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.002	mg/kg	4.95
05460	Benzene	71-43-2	0.013	0.002	mg/kg	4.95
05466	Toluene	108-88-3	0.010	0.005	mg/kg	4.95
05474	Ethylbenzene	100-41-4	0.41	0.005	mg/kg	4.95
06301	Xylene (Total)	1330-20-7	0.10	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.					

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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	07/18/2006 00:08	Linda C Pape	250
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 23:36	Nicholas R Rossi	4.95
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/13/2006 14:15	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 17:14	Eric L Vera	n.a.

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4811520

SB-2-S-23.5-060707 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-2
Collected:07/07/2006 10:53 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:46
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C2-23

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	330.	100.	mg/kg	2500
	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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	125.31
05460	Benzene	71-43-2	N.D.	0.063	mg/kg	125.31
05466	Toluene	108-88-3	N.D.	0.13	mg/kg	125.31
05474	Ethylbenzene	100-41-4	0.77	0.13	mg/kg	125.31
06301	Xylene (Total)	1330-20-7	N.D.	0.13	mg/kg	125.31
	The GC/MS volatile analysis was performed according to the high level soil method due to the level of non-target compounds. Therefore, the reporting limits were raised.					

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	07/18/2006 00:49	Linda C Pape	2500
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/18/2006 15:09	Seth J Good	125.31
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/14/2006 14:36	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 17:17	Eric L Vera	n.a.

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4811521

SB-1-S-35-060706 Grab Soil
Facility# 95607 CETR
5269 Crow Canyon-Castro T0600100344 SB-1
Collected:07/06/2006 10:00 by CE

Account Number: 10880

Submitted: 07/11/2006 09:55
Reported: 07/21/2006 at 12:46
Discard: 08/21/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CA135

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.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.0006	0.0005	mg/kg	1
05460	Benzene	71-43-2	0.001	0.0005	mg/kg	1
05466	Toluene	108-88-3	0.003	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	0.004	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.009	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	07/18/2006 01:29	Linda C Pape	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	07/13/2006 16:25	Nicholas R Rossi	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/13/2006 14:18	Tyler J Zook	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	07/11/2006 17:21	Eric L Vera	n.a.

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco
Reported: 07/21/06 at 12:46 PM

Group Number: 996718

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: 06193A02A	Sample number(s): 4811484-4811492,4811497-4811502,4811504							
TPH-GRO - Soils	N.D.	1.0	mg/kg	98		67-119		
Batch number: 06193A02B	Sample number(s): 4811493-4811496							
TPH-GRO - Soils	N.D.	1.0	mg/kg	98		67-119		
Batch number: 06197A02A	Sample number(s): 4811503,4811506-4811521							
TPH-GRO - Soils	N.D.	1.0	mg/kg	90		67-119		
Batch number: 06197A02B	Sample number(s): 4811505							
TPH-GRO - Soils	N.D.	1.0	mg/kg	90		67-119		
Batch number: A061921AC	Sample number(s): 4811503							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	107		75-125		
Benzene	N.D.	0.5	ug/kg	101		77-119		
Toluene	N.D.	1.	ug/kg	100		81-116		
Ethylbenzene	N.D.	1.	ug/kg	100		82-115		
Xylene (Total)	N.D.	1.	ug/kg	99		82-117		
Batch number: A061941AA	Sample number(s): 4811484-4811487,4811490-4811493,4811497-4811502,4811504-4811505,4811510-4811512							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	99		75-125		
Benzene	N.D.	0.5	ug/kg	95		77-119		
Toluene	N.D.	1.	ug/kg	97		81-116		
Ethylbenzene	N.D.	1.	ug/kg	96		82-115		
Xylene (Total)	N.D.	1.	ug/kg	95		82-117		
Batch number: A061942AA	Sample number(s): 4811513-4811514,4811519,4811521							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	95		75-125		
Benzene	N.D.	0.5	ug/kg	101		77-119		
Toluene	N.D.	1.	ug/kg	103		81-116		
Ethylbenzene	N.D.	1.	ug/kg	103		82-115		
Xylene (Total)	N.D.	1.	ug/kg	103		82-117		
Batch number: A061981AA	Sample number(s): 4811507							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	104		75-125		
Benzene	N.D.	0.5	ug/kg	102		77-119		
Toluene	N.D.	1.	ug/kg	101		81-116		
Ethylbenzene	N.D.	1.	ug/kg	103		82-115		
Xylene (Total)	N.D.	1.	ug/kg	101		82-117		
Batch number: A061991AA	Sample number(s): 4811518							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	100		75-125		
Benzene	N.D.	0.5	ug/kg	101		77-119		
Toluene	N.D.	1.	ug/kg	104		81-116		
Ethylbenzene	N.D.	1.	ug/kg	102		82-115		
Xylene (Total)	N.D.	1.	ug/kg	100		82-117		

*- 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: 996718
Reported: 07/21/06 at 12:46 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: Q061933AB	Sample number(s): 4811508-4811509,4811515-4811517							
Methyl Tertiary Butyl Ether	N.D.	63.	ug/kg	98		75-125		
Benzene	N.D.	63.	ug/kg	108		77-119		
Toluene	N.D.	130.	ug/kg	105		81-116		
Ethylbenzene	N.D.	130.	ug/kg	101		82-115		
Xylene (Total)	N.D.	130.	ug/kg	103		82-117		
Batch number: Q061991AA	Sample number(s): 4811520							
Methyl Tertiary Butyl Ether	N.D.	63.	ug/kg	102		75-125		
Benzene	N.D.	63.	ug/kg	112		77-119		
Toluene	N.D.	130.	ug/kg	105		81-116		
Ethylbenzene	N.D.	130.	ug/kg	103		82-115		
Xylene (Total)	N.D.	130.	ug/kg	101		82-117		
Batch number: R061952AA	Sample number(s): 4811489,4811495-4811496,4811506							
Methyl Tertiary Butyl Ether	N.D.	63.	ug/kg	96		75-125		
Benzene	N.D.	63.	ug/kg	96		77-119		
Toluene	N.D.	130.	ug/kg	94		81-116		
Ethylbenzene	N.D.	130.	ug/kg	95		82-115		
Xylene (Total)	N.D.	130.	ug/kg	93		82-117		
Batch number: R061952AB	Sample number(s): 4811488,4811494							
Methyl Tertiary Butyl Ether	N.D.	63.	ug/kg	96		75-125		
Benzene	N.D.	63.	ug/kg	96		77-119		
Toluene	N.D.	130.	ug/kg	94		81-116		
Ethylbenzene	N.D.	130.	ug/kg	95		82-115		
Xylene (Total)	N.D.	130.	ug/kg	93		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: 06193A02A	Sample number(s): 4811484-4811492,4811497-4811502,4811504 UNSPK: 4811485								
TPH-GRO - Soils	100	105	39-118	4	30				
Batch number: 06193A02B	Sample number(s): 4811493-4811496 UNSPK: P811485								
TPH-GRO - Soils	100	105	39-118	4	30				
Batch number: 06197A02A	Sample number(s): 4811503,4811506-4811521 UNSPK: 4811503								
TPH-GRO - Soils	107	106	39-118	1	30				
Batch number: 06197A02B	Sample number(s): 4811505 UNSPK: P811503								
TPH-GRO - Soils	107	106	39-118	1	30				
Batch number: A061921AC	Sample number(s): 4811503 UNSPK: P810454								
Methyl Tertiary Butyl Ether	96	107	47-130	11	30				
Benzene	94	92	59-120	1	30				
Toluene	93	89	49-132	4	30				
Ethylbenzene	90	82	50-127	9	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: 996718
Reported: 07/21/06 at 12:46 PM

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
Xylene (Total)	88	81	44-127	7	30				
Batch number: A061941AA	Sample number(s): 4811484-4811487,4811490-4811493,4811497-4811502,4811504-4811505,4811510-4811512 UNSPK: 4811485								
Methyl Tertiary Butyl Ether	92	90	47-130	2	30				
Benzene	93	92	59-120	1	30				
Toluene	95	91	49-132	3	30				
Ethylbenzene	91	90	50-127	1	30				
Xylene (Total)	88	86	44-127	2	30				
Batch number: A061942AA	Sample number(s): 4811513-4811514,4811519,4811521 UNSPK: P812088								
Methyl Tertiary Butyl Ether	112	132*	47-130	14	30				
Benzene	79	111	59-120	25	30				
Toluene	67	145*	49-132	51*	30				
Ethylbenzene	63	120	50-127	49*	30				
Xylene (Total)	16*	290*	44-127	89*	30				
Batch number: A061981AA	Sample number(s): 4811507 UNSPK: P813042								
Methyl Tertiary Butyl Ether	94	93	47-130	1	30				
Benzene	83	93	59-120	11	30				
Toluene	78	92	49-132	15	30				
Ethylbenzene	81	95	50-127	16	30				
Xylene (Total)	79	93	44-127	16	30				
Batch number: A061991AA	Sample number(s): 4811518 UNSPK: P814447								
Methyl Tertiary Butyl Ether	94	97	47-130	4	30				
Benzene	92	92	59-120	1	30				
Toluene	94	99	49-132	5	30				
Ethylbenzene	94	92	50-127	1	30				
Xylene (Total)	95	94	44-127	0	30				
Batch number: Q061933AB	Sample number(s): 4811508-4811509,4811515-4811517 UNSPK: P808564								
Methyl Tertiary Butyl Ether	98	100	47-130	2	30				
Benzene	119	115	59-120	2	30				
Toluene	97	101	49-132	4	30				
Ethylbenzene	(2)	(2)	50-127	13	30				
Xylene (Total)	(2)	(2)	44-127	14	30				
Batch number: Q061991AA	Sample number(s): 4811520 UNSPK: 4811520								
Methyl Tertiary Butyl Ether	94	103	47-130	9	30				
Benzene	105	114	59-120	8	30				
Toluene	96	107	49-132	11	30				
Ethylbenzene	65	73	50-127	9	30				
Xylene (Total)	96	104	44-127	8	30				
Batch number: R061952AA	Sample number(s): 4811489,4811495-4811496,4811506 UNSPK: P811507								
Methyl Tertiary Butyl Ether	91	96	47-130	3	30				
Benzene	92	94	59-120	1	30				
Toluene	92	95	49-132	2	30				
Ethylbenzene	132*	139*	50-127	3	30				
Xylene (Total)	111	123	44-127	7	30				
Batch number: R061952AB	Sample number(s): 4811488,4811494 UNSPK: P811507								

*- 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: 996718
Reported: 07/21/06 at 12:46 PM

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
Methyl Tertiary Butyl Ether	91	96	47-130	3	30				
Benzene	92	94	59-120	1	30				
Toluene	92	95	49-132	2	30				
Ethylbenzene	132*	139*	50-127	3	30				
Xylene (Total)	111	123	44-127	7	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: 06193A02A

	Trifluorotoluene-F
4811484	66
4811485	70
4811486	79
4811487	73
4811488	9*
4811489	0*
4811490	71
4811491	70
4811492	70
4811497	71
4811498	68
4811499	74
4811500	67
4811501	67
4811502	69
4811504	77
Blank	74
LCS	91
MS	86
MSD	86
Limits:	61-122

Analysis Name: TPH-GRO - Soils
Batch number: 06193A02B

	Trifluorotoluene-F
4811493	70
4811494	3*
4811495	12*
4811496	8*
Blank	71
LCS	91
MS	86
MSD	86

*- 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: 996718
Reported: 07/21/06 at 12:46 PM

Surrogate Quality Control

Limits:	61-122

Analysis Name: TPH-GRO - Soils
Batch number: 06197A02A

	Trifluorotoluene-F
4811503	69
4811506	6*
4811507	56*
4811508	11*
4811509	6*
4811510	67
4811511	71
4811512	69
4811513	68
4811514	71
4811515	11*
4811516	5*
4811517	11*
4811518	31*
4811519	24*
4811520	17*
4811521	66
Blank	77
LCS	87
MS	83
MSD	91
Limits:	61-122

Analysis Name: TPH-GRO - Soils
Batch number: 06197A02B

	Trifluorotoluene-F
4811505	33*
Blank	79
LCS	87
MS	83
MSD	91
Limits:	61-122

Analysis Name: BTEX+MTBE by 8260B
Batch number: A061921AC

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4811503	97	98	100	90
Blank	102	99	96	89
LCS	101	103	102	101
MS	99	100	105	96
MSD	102	106	105	96
Limits:	71-114	70-109	70-123	70-111

Analysis Name: BTEX+MTBE by 8260B
Batch number: A061941AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene

*- 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: 996718
Reported: 07/21/06 at 12:46 PM

Surrogate Quality Control

4811484	106	102	98	90
4811485	102	96	101	89
4811486	99	97	99	98
4811487	102	98	99	107
4811490	104	100	98	91
4811491	106	100	101	86
4811492	108	101	98	88
4811493	107	99	103	86
4811497	104	98	98	91
4811498	105	98	99	86
4811499	104	99	102	91
4811500	107	99	97	90
4811501	111	108	95	92
4811502	109	99	97	88
4811504	99	96	99	101
4811505	96	94	100	98
4811510	108	98	96	92
4811511	109	100	97	91
4811512	107	95	98	89
Blank	104	98	97	86
LCS	100	97	103	99
MS	101	96	103	98
MSD	100	98	103	98
Limits:	71-114	70-109	70-123	70-111

Analysis Name: BTEX+MTBE by 8260B
Batch number: A061942AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4811513	106	103	100	92
4811514	105	102	95	96
4811519	96	94	102	99
4811521	106	100	97	92
Blank	105	99	97	87
LCS	101	94	103	101
MS	107	110*	112	100
MSD	117*	119*	128*	125*
Limits:	71-114	70-109	70-123	70-111

Analysis Name: BTEX+MTBE by 8260B
Batch number: A061981AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4811507	94	92	103	96
Blank	111	103	97	90
LCS	104	100	102	102
MS	108	107	102	105
MSD	105	96	104	103
Limits:	71-114	70-109	70-123	70-111

Analysis Name: BTEX+MTBE by 8260B
Batch number: A061991AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene

*- 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: 996718
Reported: 07/21/06 at 12:46 PM

Surrogate Quality Control

4811518	96	93	99	96
Blank	100	97	98	89
LCS	98	96	102	98
MS	99	96	106	92
MSD	100	99	107	93
Limits:	71-114	70-109	70-123	70-111

Analysis Name: BTEX+MTBE by 8260B
Batch number: Q061933AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4811508	110	105	95	109
4811509	107	105	98	105
4811515	106	105	98	107
4811516	105	103	98	107
4811517	96	100	93	94
Blank	107	103	89	86
LCS	102	99	97	104
MS	89	92	92	94
MSD	94	95	93	97
Limits:	71-114	70-109	70-123	70-111

Analysis Name: BTEX+MTBE by 8260B
Batch number: Q061991AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4811520	99	101	89	94
Blank	105	107	88	91
LCS	107	108	96	100
MS	105	107	98	102
MSD	105	109	98	101
Limits:	71-114	70-109	70-123	70-111

Analysis Name: BTEX+MTBE by 8260B
Batch number: R061952AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4811489	91	91	91	93
4811495	96	96	92	94
4811496	95	93	89	93
4811506	93	91	89	90
Blank	96	96	89	87
LCS	95	93	88	89
MS	92	90	86	87
MSD	93	95	88	89
Limits:	71-114	70-109	70-123	70-111

Analysis Name: BTEX+MTBE by 8260B
Batch number: R061952AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4811488	93	93	89	92
4811494	93	94	88	89
Blank	95	96	89	87

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 996718
Reported: 07/21/06 at 12:46 PM

Surrogate Quality Control

LCS	95	93	88	89
MS	92	90	86	87
MSD	93	95	88	89
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 R ion Analysis Request/Chain of C stody

Lancaster Laboratories
Where quality is a science.

0707106 -08
P 1085

For Lancaster Laboratories use only
Acct. #: 10880 Sample #: 481484-521 SCR#:
Group# 996718

Facility #: 9-5607 AIL
Site Address: 5269 Crow Canyon Rd. Castro Valley
Chevron PM: S. Sinha Lead Consultant: Cambria
Consultant/Office: Emeryville
Consultant Prj. Mgr.: L. Genin
Consultant Phone #: 510-420-3367 Fax #: 510-420-9170
Sampler: CEvans
Service Order #: 311-1950 ☐ Non SAR:

Analyses Requested

Preservation Codes

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

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

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates ____	Lead 7420 ☐ 7421 ☐
SB3-S-10	S		10	060706	11:26	Y	X		1	X	X				
SB3-S-15			15	060706	11:30										
SB3-S-20			20	060706	11:40										
SB3-S-25			25		11:58										
SB3-S-31.5			31.5		12:08										
SB3-S-35			35		12:19										
SB3-S-38.5			38.5		12:30										
SB4-S-10			10		15:00										
SB4-S-15			15		15:05										
SB4-S-20			20		15:16										
SB4-S-25			25		15:24										
SB4-S-30			30		15:32										
SB4-S-35	V		35	V	15:44	V	V		V	V	V				

Comments / Remarks

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

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

	Relinquished by:	Date	Time	Received by:	Date	Time
1	C Evans	07/07/06	16:00	Karen Wright	7/7/06	1600
2	Karen Wright	7/10/06	1530	DHL	7/10/06	1530
3						
	Relinquished by Commercial Carrier: UPS FedEx Other DHL			Received by:	7/11/06	0955

Temperature Upon Receipt 6 coolers C° 3.4°-4.2° Custody Seals Intact? Yes No

Chevron California R[illegible]ion Analysis Request/Chain of C[illegible]stody

Lancaster Laboratories
Where quality is a science.

070708-08
p 2085

For Lancaster Laboratories use only
Acct. #: 10880 Sample #: 4811484-521 SCR#:
Group# 996718

Facility #: 9-5607 AIL
Site Address: 5269 Crow Canyon Rd. Castro Valley
Chevron PM: S. Sinha Lead Consultant: Cambria
Consultant/Office: Emeryville
Consultant Prj. Mgr.: L. Gerin
Consultant Phone #: 510-420-3367 Fax #: 510-420-9170
Sampler: C Evans
Service Order #: 311-1950 ☐ Non SAR:

Analyses Requested / Preservation Codes

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420 ☐ 7421 ☐
SB1-S-5	S		5	060705	08:40	Y	X		1	X	X				
SB3-S-5	S		5	060705	09:55	Y	X		1	X	X				
SB2-S-5	S		5	060705	11:10	Y	X		1	X	X				
SB4-S-5	S		5	060705	12:00	Y	X		1	X	X				
SB5-S-5	S		5	060705	12:35	Y	X		1	X	X				
~~[illegible]~~															
SB1-S-10	S		10	060706	09:10	Y	X		1	X	X				
SB1-S-15	↓		15	↓	09:13	↓	↓		↓	↓	↓				
SB1-S-~~18~~	↓		~~18~~	↓	09:23	↓	↓		↓	↓	↓				
SB1-S-20	↓		20	↓	09:25	↓	↓		↓	↓	↓				
SB1-S-25	↓		25	↓	09:34	↓	↓		↓	↓	↓				
SB1-S-30	↓		30	↓	09:42	↓	↓		↓	↓	↓				

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

Comments / Remarks

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

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

Relinquished by:	Date	Time	Received by:	Date	Time
C Evans	07/07/06	16:00	Kevin Wright	7/7/06	1600
Kevin Wright	7/10/06	1530	DHL	7/10/06	1530
~~Relinquished by:~~			~~Received by:~~		
Relinquished by Commercial Carrier: UPS FedEx Other DHL			Received by: [signature]	7/11/06	0955
Temperature Upon Receipt 3.6 coolers C° 3.4°-4.2°			Custody Seals Intact? (Yes) No		

3460 Rev. 10/04/01

Chevron California R ion Analysis Request/Chain of C stody

Lancaster Laboratories
Where quality is a science.

EAR 0707086-08 p. 3of5

Acct. #: 10880 For Lancaster Laboratories use only Sample #: 481484-521 SCR#:

Group# 960718

Facility #: 9-5607 AIL
Site Address: 5269 Crow Canyon Road, Castro Valley
Chevron PM: S. Sinha Lead Consultant: Cambria
Consultant/Office: Emeryville
Consultant Prj. Mgr.: L. Gervin
Consultant Phone #: 510-420-3367 Fax #: 510-420-9170
Sampler: CEvans
Service Order #: 310-1950 ☐ Non SAR:

Analyses Requested

Preservation Codes

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

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

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates ___	Lead 7420 ☐ 7421 ☐	Comments / Remarks
SB4-S-40	S		40	060706	16:04	Y	X		1	X	X					
SB4-S-45	S		45	060706	16:19	Y	X		1	X	X					
SB4-S-47.5	S		47.5	060706	16:20	Y	X		1	X	X					
SB5-S-10	S		10	060707	09:10	Y	X		1	X	X					
SB5-S-15			15	060707	09:10											
SB5-S-20			20		09:25											
SB5-S-25			25		09:30											
SB5-S-30			30		09:38											
~~SB5-S-[illegible]~~			~~32~~													CE
SB5-S-32			32		09:51											
SB2-S-10.5			10.5		10:21											
SB2-S-15			15		10:32											
SB2-S-20			20		10:5[illegible]											

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

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

	Relinquished by:	Date	Time	Received by:	Date	Time
1	CEvans	07/07/06	16:00	Kevin Wright	7/7/06	1600
2	Kevin Wright	7/10/06	1530	DHL	7/10/06	1530
3		Date	Time	~~Received by:~~	Date	Time
4	Relinquished by Commercial Carrier: UPS FedEx Other DHL			Received by:	7/11/06	0955

Temperature Upon Receipt 6 coolers C° 3.4 - 4.2
Custody Seals Intact? Yes No

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

070726 · 08 p4025

For Lancaster Laboratories use only
Acct. #: 10880 Sample #: 481484-521 SCR#:

Group# 990718

Facility #: 9-5001 A|L
Site Address: 5269 Crow Canyon Rd, Castro Valley
Chevron PM: S. Sinha Lead Consultant: Cambria
Consultant/Office: Emeryville
Consultant Prj. Mgr.: L. Genin
Consultant Phone #: 510-420-3367 Fax #: 510-420-9170
Sampler: C Evans
Service Order #: 310-1950 ☐ Non SAR:

Analyses Requested

Preservation Codes

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

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

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

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates ___	Lead 7420 ☐ 7421 ☐
SB2-S-23.5	S		23.5	060707	10:53	Y	X		1	X	X				

Comments / Remarks

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

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

	Date	Time		Date	Time
Relinquished by: CEVANS	07/07/06	16:00	Received by: Kevin Wright	7/7/06	1600
Relinquished by: Kevin Wright	7/10/06	1530	Received by: DHL	7/10/06	1530
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	7/11/06	0955
Temperature Upon Receipt 6 coolers c° 3.4-4.2°			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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