Ian Robb
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Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Former Texaco Service Station No. 30-7233
2259 First Street
Livermore, CA

I have reviewed the attached Well Installation Report dated June 3, 2010.

I agree with the conclusions and recommendations presented in the referenced Well Installation Report. This information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Conestoga Rovers Associates, upon who assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

Sincerely,

Ian Robb
Project Manager

Attachment: Well Installation Report

CONESTOGA-ROVERS & ASSOCIATES

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

TRANSMITTAL

DATE: June 3, 2010

REFERENCE NO.: 312264

PROJECT NAME: Former Texaco 30-2733

TO: Mr. Jerry Wickham
ACEHS
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Please find enclosed:
- ☐ Draft
- ☐ Originals
- ☐ Prints
- ☒ Final
- ☐ Other

Sent via:
- ☐ Mail
- ☐ Overnight Courier
- ☐ Same Day Courier
- ☒ Other Electronic Upload

QUANTITY	DESCRIPTION
1	Well Installation Report

- ☐ As Requested
- ☐ For Your Use
- ☒ For Review and Comment
- ☐
- ☐

COMMENTS:
Please contact Kiersten Hoey at 510-420-3347 with any questions or comments.

Copy to: Mr. Ian Robb, Chevron
Mr. Hyman Wong, Zone 7 Water Agency
Mr. Chris Davidson, City of Livermore

Completed by: Kiersten Hoey [Please Print] Signed: Kiersten Hoey

Filing: Correspondence File

WELL INSTALLATION REPORT
FORMER TEXACO STATION 30-7233
2259 FIRST STREET
LIVERMORE, CALIFORNIA
ACEHS RO# 2908

Prepared For:

Mr. Jerry Wickham
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway
Alameda, California 94502

Prepared by:
Conestoga-Rovers & Associates

5900 Hollis Street, Suite A
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U.S.A. 94608

Office: (510) 420-0700
Fax: (510) 420-9170

web: http:\\www.CRAworld.com

JUNE 3, 2010
REF. NO. 312264 (6)
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WELL INSTALLATION REPORT

FORMER TEXACO STATION 30-7233
2259 FIRST STREET
LIVERMORE, CALIFORNIA
ACEHS RO# 2908

Kiersten Hoey

Brandon Wilken, P.G 7564

Prepared by:
Conestoga-Rovers & Associates

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1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) is submitting this *Well Installation Report* on behalf of Chevron Environmental Management Company (Chevron) for former Texaco Station 30-7233. In April 2010, CRA installed groundwater monitoring wells MW-1 through MW-9 as proposed in the January 6, 2010 *Revised Work Plan for Well Installation* and approved in an Alameda County Environmental Health Services (ACEH) letter dated January 29, 2010 (Appendix A). Presented below are the site background, investigation results, and CRA's conclusions and recommendations.

2.0 SITE DESCRIPTION

2.1 SITE BACKGROUND

The site is located on the eastern corner of First Street and South Livermore Avenue in Livermore, California (Figure 1). Currently the site is Mill Square Park, owned by the City of Livermore. The site is approximately 485 feet above mean sea level and regional topography slopes gently to the north. The park consists of grass and trees with a concrete walkway. Land use surrounding the park is primarily commercial.

The earliest available aerial photograph from 1959 shows a station building located on the southern edge of the property and two dispenser islands located on the western portion of the property. The 1973 aerial photograph indicates that the station building and dispenser islands had been removed and only a paved lot remained. By 1978, the property had been redeveloped as a park (Figure 2). The park remains in the same configuration as shown on the 1978 aerial photo. To date, 31 soil borings and 6 soil vapor probes have been installed. A chronological summary of activities conducted to date is presented in Appendix B.

2.2 GEOLOGY

According to the September 2005 *Groundwater Management Plan* prepared by the Zone 7 Water Agency (Zone 7), the site is located in the Mocho II Sub-Basin of the Main Livermore-Amadore Valley Groundwater Basin. Zone 7 Water Agency extracts groundwater from this basin for municipal drinking water. Sediments in this basin are described as recent alluvium consisting of sandy gravel and sandy clayey gravel from the surface to approximately 150 feet below grade (fbg). This alluvium overlies the Livermore Formation.

Sediments encountered beneath the site consist of silty sand, silty gravel and sandy gravel from the surface to approximately 9 fbg. Silts and clays are encountered to approximately 9 to 45 fbg. Sands and gravels are predominately encountered from approximately 45 fbg to the total depth explored of 62 fbg. Boring logs with well construction diagrams are included in Appendix C and geologic cross-sections are presented on Figures 3 and 4.

2.3 HYDROGEOLOGY

Groundwater in this sub-basin typically flows westward. Based on groundwater data from three service stations within approximately five blocks of the site, groundwater flow near the site varies from northward to southwestward. Depths to groundwater at these sites fluctuate between approximately 10 and 40 fbg. Based on site investigations, it appears there is a seasonal perched water bearing zone at approximately 20 to 40 fbg. However, this perched zone is discontinuous both laterally and vertically across the site. Based on site boring logs and data from nearby service stations, the regional water bearing zone appears to be at approximately 50 fbg.

3.0 WELL INSTALLATION ACTIVITIES

The investigation objective was to install a network of groundwater monitoring wells and collect groundwater data for at least four quarters before evaluating potential remedial action as requested by ACEH in a letter dated April 3, 2009 (Appendix A). To meet this objective, CRA installed nine monitoring wells including three clustered well pairs and three deep wells. The three clustered well pairs, screened shallow (between approximately 30 and 40 fbg) and deep (54-59 fbg), were installed near borings SB5, SB7, and CPT2.

During installation, CRA installed the deeper wells first and evaluated the presence of a shallow water bearing zone to determine the necessity of installing the shallow well. A deep well was installed near boring SB8 and a shallow well was attempted; however, no evidence of shallow groundwater or coarse grained water-bearing sediments was encountered. Therefore, no shallow well was installed and the boring was designated SB13. During the 2008 cone penetration test (CPT) investigation, there was no evidence of a coarser grained shallow water-bearing zone above 54 fbg, so only deep wells were installed near offsite borings CPT4 and CPT5. Well locations are presented on Figure 2 and well construction details are included in Table 1. Well installation activities are summarized below.

Permit: CRA obtained well installation permit #2010022 from Zone 7 Water Agency and encroachment permit #EN100046 from the City of Livermore prior to the commencement of work (Appendix D). CRA also notified the agencies 72 hours in advance before the work started.

Drilling Company: Gregg Drilling and Testing Inc. (C57 #485165) of Martinez, California) was contracted to complete the borehole clearance and install the monitoring wells.

CRA Personnel: CRA personnel Ian Hull, Belew Yifru, and Cortland Toczylowski conducted all fieldwork under the supervision of California Professional Geologist Brandon Wilken, P.G. 7564.

Utility Clearance: Prior to drilling, CRA contacted Underground Service Alert (USA) to mark any existing underground utilities in the proposed well areas. CRA also contracted private licensed utility locator ULS Services Corp of Pocatello, Idaho to locate underground utilities beneath the site using a metal detector, tracer cable, and ground penetrating radar (GPR) equipment in the vicinity of the proposed boring locations. Prior to drilling, the well boring locations were cleared to 8 fbg using an air knife assisted vacuum truck to ensure no underground utilities were located beneath the drilling locations.

Well Construction: Borings for wells MW-1 through MW-6 (deep wells) were drilled to 60 fbg, and borings for wells MW-7, MW-8, and MW-9 (shallow wells) were drilled to 40 fbg using eight-inch diameter hollow stem augers. All wells were constructed using two-inch diameter Schedule 40-PVC with 0.010-inch slot screen. A summary of well construction specifications including screened interval are presented in Table 1. With the exception of well MW-7, #2/16 Monterey sand filter pack was placed in the annulus from the bottom to 2 feet above the top of screen. The bottom of well boring MW-7 was sealed with 2 feet of Portland I/II cement and 2 feet of hydrated bentonite pellets to 36 fbg, then filled with sand to 33 fbg, The remaining well annulus was then filled with #2/16 Monterey sand filter pack from 33 fbg to 2 feet above the top of screen. The upper portion of all the annuluses were sealed with a one-foot bentonite cap and neat Portland I/II cement to 1 fbg. All nine wells were sealed with well boxes equipped with traffic-rated lids installed flush with grade. As required by the City of Livermore, the well boxes installed in the street-parking areas were surrounded with hot asphalt to match existing surface. CRA's standard operating procedures for monitoring well installation are presented in Appendix E.

Soil Sampling: Soil samples were collected every 5 feet beginning at 5 fbg. CRA and Chevron safety protocols require the first 8 feet to be hand cleared with an air-knife assisted vacuum truck; therefore, samples designated as the 5-foot samples were collected by driving brass tubes into disturbed soil from the vacuum truck storage tank. It was not possible to collect discrete samples by other means as a result of numerous cobbles present in the first 5 feet of the borings. Soil samples below 8 fbg were collected by driving an 18-inch California-modified split spoon sampler lined with 2-inch diameter brass tubes into undisturbed sediments ahead of the lead auger. Soil was logged according to the ASTM D2488-06 Unified Soil Classification System and screened for organic vapors using a photo-ionization detector (PID). PID readings are recorded on the boring logs in Appendix C. Soil sampling tubes chosen for analysis were trimmed of excess soil and capped with Teflon® tape and plastic end caps. All samples were properly sealed, labeled, preserved on ice, and submitted under chain-of-custody to Lancaster Laboratories of Lancaster, Pennsylvania for analysis.

Waste Disposal: Soil cuttings and rinsate water generated during well installation activities were temporarily stored onsite in sealed and labeled DOT-approved 55-gallon drums. On April 7 and 13, 2010, Integrated Wastestream Management (IWM) of San Jose California transported and disposed 40 drums at Republic Services VRL, Livermore, California.

Monitoring Well Survey: On April 19, 2010, Morrow Surveying of West Sacramento, California surveyed the latitude, longitude and top of casing of the nine wells. Survey data is presented in Appendix F.

Well Development and Sampling: Gettler-Ryan, Inc. (G-R) developed and sampled the wells the week of May 24, 2010. During sampling, G-R monitored the temperature, pH and conductivity until the parameters stabilized. The samples were decanted from clean disposable bailers into clean laboratory approved containers. Samples were properly sealed, labeled, preserved on ice, logged on a chain-of-custody form, and submitted to Lancaster Laboratories for analysis. CRA will submit a Groundwater Monitoring Report as soon as results are obtained.

Chemical Analysis: The soil laboratory analytical reports are presented as Appendix G. Soil samples were analyzed for the following:

- Total petroleum hydrocarbons as motor oil (TPHmo) and as diesel (TPHd) by EPA Method 8015B with silica gel cleanup

- Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015B Modified
- Benzene, toluene, ethylbenzene, xylenes (BTEX) by EPA Method 8260B

4.0 HYDROCARBON DISTRIBUTION

Based on data from all investigations to date the constituents of concern at this site are TPHmo, TPHd, TPHg, benzene, and lead.

4.1 SOIL

Soil samples were collected and analyzed from deep wells MW-1 through MW-6. No soil samples were collected from shallow wells MW-7, MW-8, and MW9 due to their close proximity to the deep wells. The highest hydrocarbon concentrations detected in soil from wells MW-1 through MW-6 were 130 milligrams per kilogram (mg/kg) TPHmo, 82 mg/kg TPHd, 310 mg/kg TPHg, and 0.027 mg/kg benzene.

The highest TPHmo and TPHd concentrations historically detected in soil were 11,000 mg/kg and 4,100 mg/kg. TPHmo in soil is limited to the vicinity of the former USTs. TPHd in soil is limited to the vicinity of the former USTs and dispenser islands. The highest TPHg and benzene concentrations were historically detected in borings SB1, SB3 and SB5 at maximum concentrations of 8,700 mg/kg and 17 mg/kg. TPHg and benzene in soil are centered beneath the former USTs and dispenser islands and are laterally defined in all directions except east of the former USTs; however, further investigation in this direction is prevented by the adjacent retail building (Figures 5 through 8). The vertical extent of hydrocarbons in soil is defined, with no hydrocarbons detected in soil below 56 fbg to the maximum depth explored of 61 fbg (Figures 3 and 4). MTBE was historically detected once, at 0.039 mg/kg in boring SB8 at 39.5 fbg. The highest lead concentration historically detected in soil was 3,700 mg/kg in boring B2. Elevated lead concentrations in soil are limited to shallow soil (<10 fbg) near the former USTs. Cumulative soil analytical results are presented in Table 2.

4.2 GROUNDWATER

The wells were developed and sampled the week of May 24, 2010. CRA will submit a Groundwater Monitoring Report, as soon as results are obtained. The highest hydrocarbon concentrations previously detected in grab-groundwater samples collected from soil borings and CPT borings were 4,500 micrograms per litre (µg/L) TPHmo,

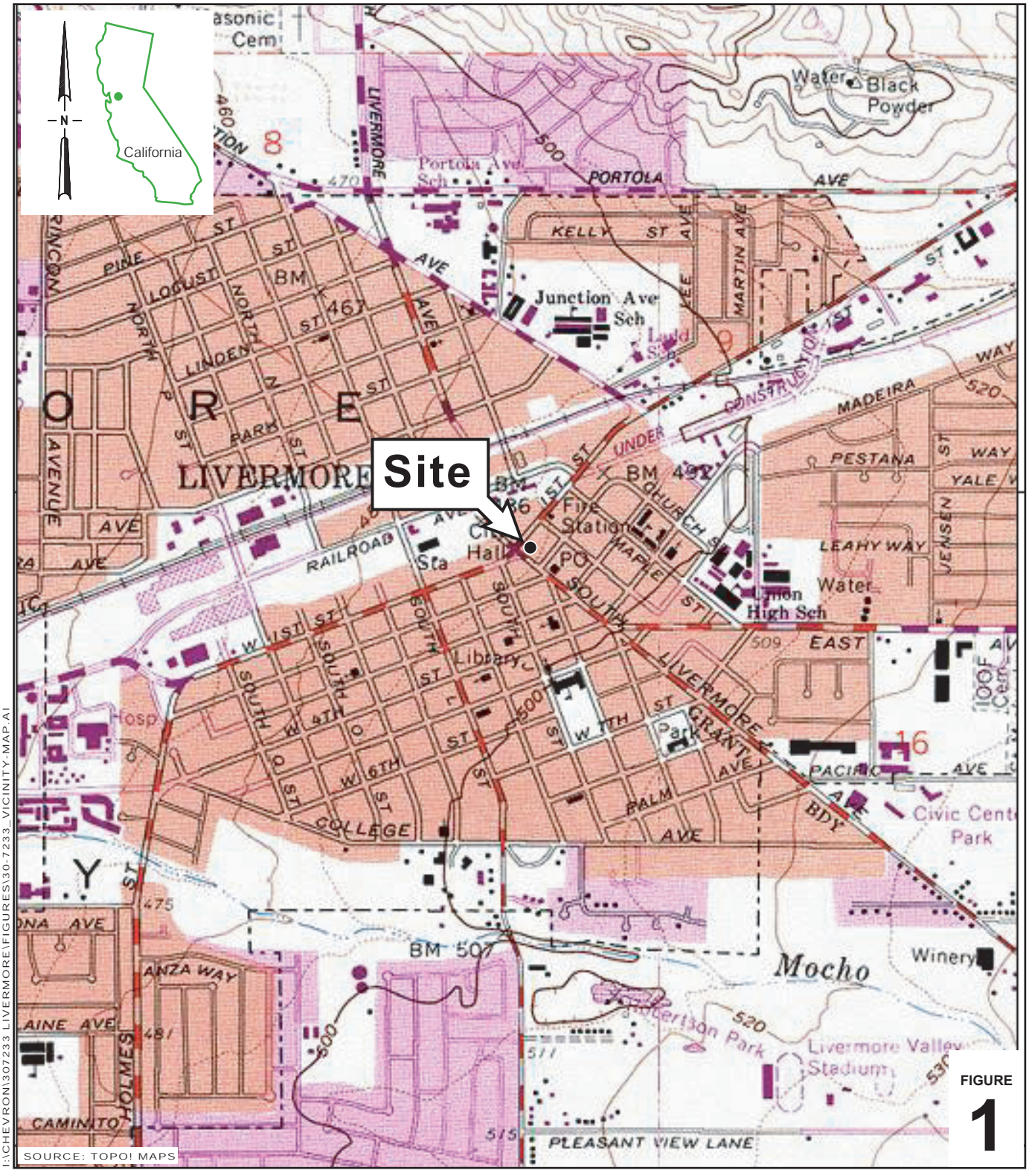
43,000 µg/L TPHd, 52,000 µg/L TPHg and 200 µg/L benzene. No MTBE was detected in groundwater. Cumulative grab-groundwater analytical data are presented in Table 3.

5.0 CONCLUSIONS AND RECOMMENDATIONS

- TPHmo and TPHd in soil are limited to the vicinity of the former USTs and dispenser islands.
- TPHg and benzene in soil are vertically defined and horizontally defined to the extent feasible.
- Based on only one MTBE concentration ever detected in soil and no MTBE detected in groundwater, MTBE is not a constituent of concern at this site.
- G-R will monitor and sample the nine monitoring wells for four consecutive quarters. After receipt of quarterly groundwater data, CRA will submit a quarterly monitoring report to ACEH. After the fourth quarter, CRA will evaluate the data and assess the need for additional work.

FIGURES

07/20/07



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

FIGURE
1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Chevron Service Station 30-7233

2259 First Street

Livermore, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

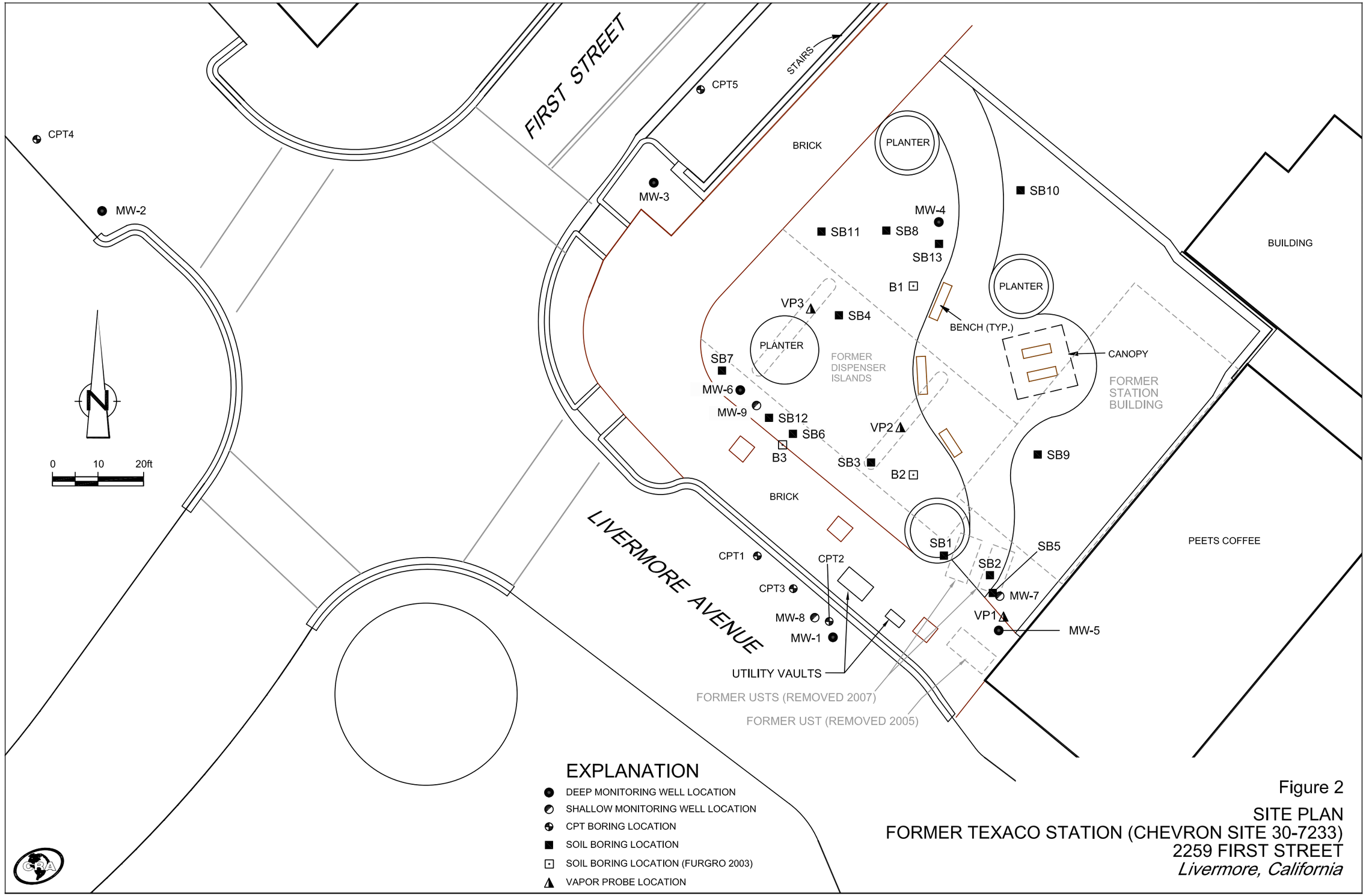


Figure 2

SITE PLAN
FORMER TEXACO STATION (CHEVRON SITE 30-7233)
2259 FIRST STREET
Livermore, California

I:\Chevron\3122-\312264 30-7233 Livermore\312264-FIGURES\312264-2010 GN-EM001-SITEPLAN.DWG

LEGEND

MW-6 — WELL DESIGNATION

GROUND SURFACE

— OBSERVATION WELL INSTALLATION

— STRATIGRAPHIC BOUNDARY

CL — TYPICAL SOIL CLASSIFICATION

— SCREENED INTERVAL

— BOTTOM OF BORING

◄ APPROXIMATE SOIL SAMPLE LOCATION

TPHg
BENZENE
DATE — HYDROCARBON CONCENTRATIONS IN SOIL (mg/kg)

< NOT DETECTED AT OR ABOVE STATED REPORTING LIMITS

—100— TPHg CONCENTRATION CONTOUR IN SOIL (mg/kg)

FILL

TS - TOPSOIL

CO - CONCRETE

CL - INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS

ML - INORGANIC SILTS, VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS, CLAYEY SILTS WITH SLIGHT PLASTICITY

SM - SILTY SANDS, SAND-SILT MIXTURES

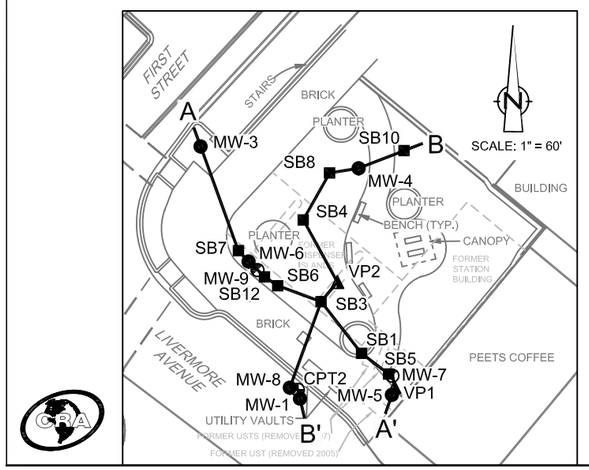
SP - POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES

SW - WELL-GRADED SAND, GRAVELLY SANDS, LITTLE OR NO FINES

GM - SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES

GP - POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES

GW - WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES



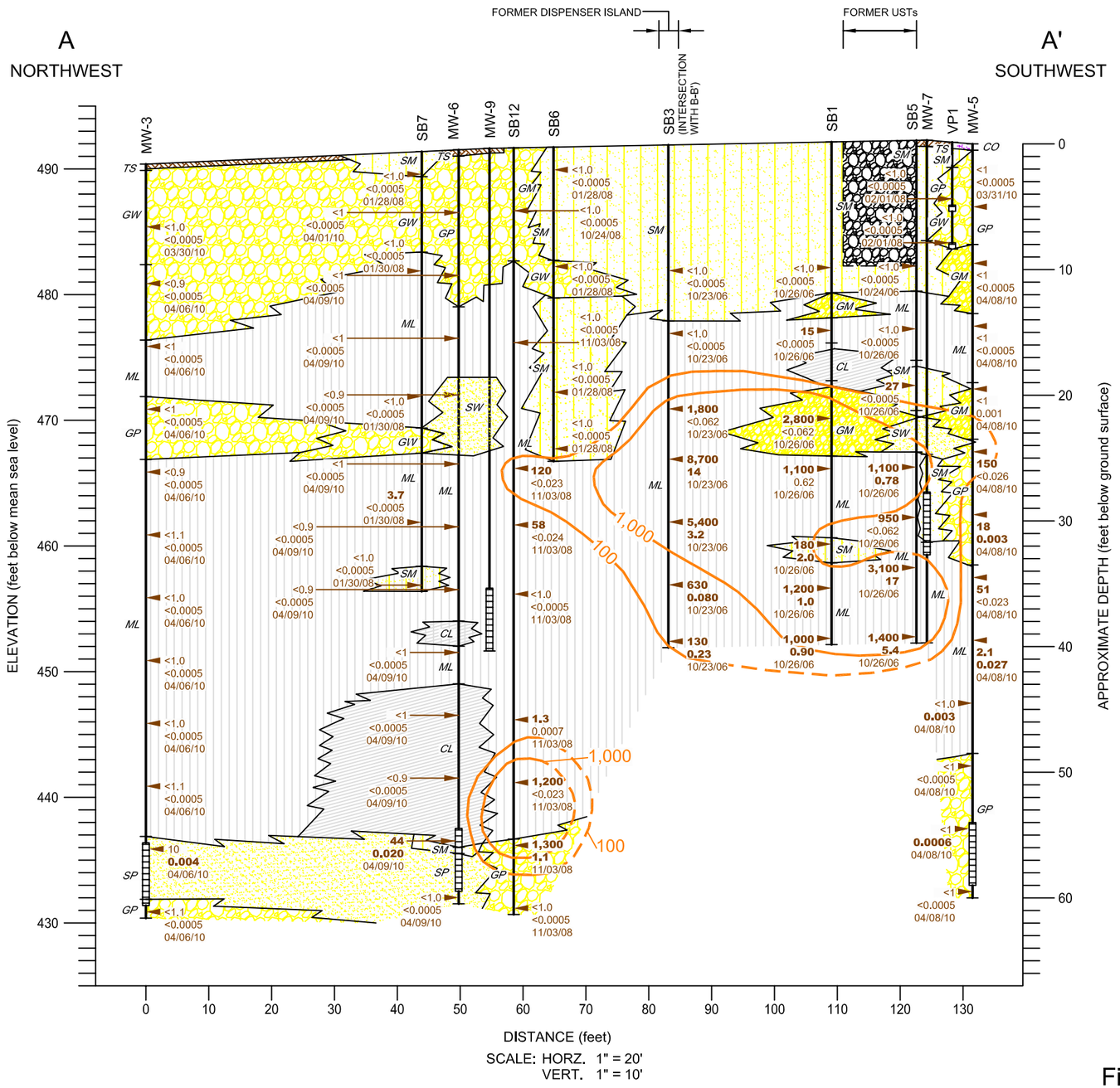


Figure 3

GEOLOGIC CROSS SECTION A-A'
FORMER TEXACO STATION (CHEVRON SITE 30-7233)
2259 FIRST STREET
Livermore, California

LEGEND

MW-4 — WELL DESIGNATION

GROUND SURFACE

OBSERVATION WELL INSTALLATION

STRATIGRAPHIC BOUNDARY

CL — TYPICAL SOIL CLASSIFICATION

SCREENED INTERVAL

BOTTOM OF BORING

APPROXIMATE SOIL SAMPLE LOCATION

TPHg
BENZENE
DATE — HYDROCARBON CONCENTRATIONS IN SOIL (mg/kg)

< — NOT DETECTED AT OR ABOVE STATED REPORTING LIMITS

100 — TPHg CONCENTRATION CONTOUR IN SOIL (mg/kg)

AS - ASPHALT

TS - TOPSOIL

CL - INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS

ML - INORGANIC SILTS, VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS, CLAYEY SILTS WITH SLIGHT PLASTICITY

SM - SILTY SANDS, SAND-SILT MIXTURES

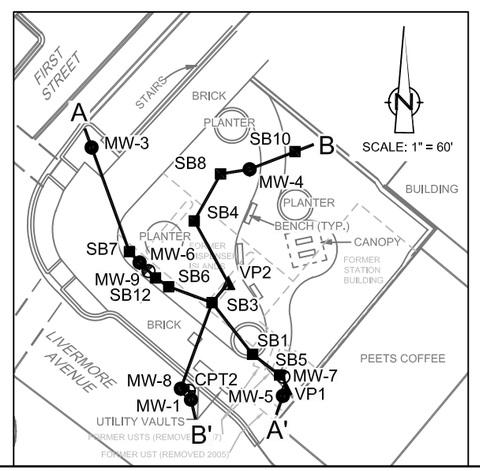
SP - POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES

SW - WELL-GRADED SAND, GRAVELLY SANDS, LITTLE OR NO FINES

GM - SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES

GP - POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES

GW - WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES



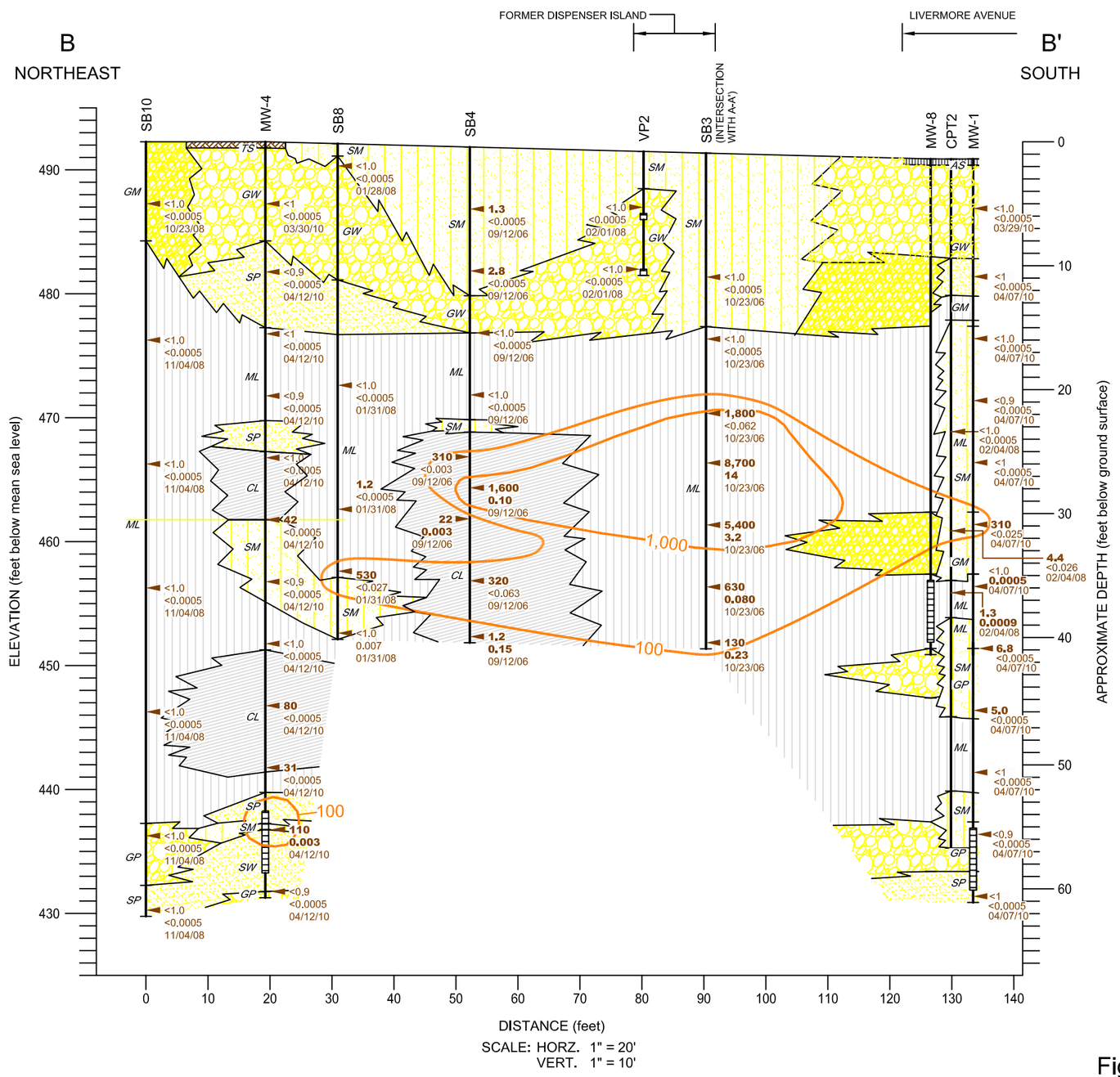
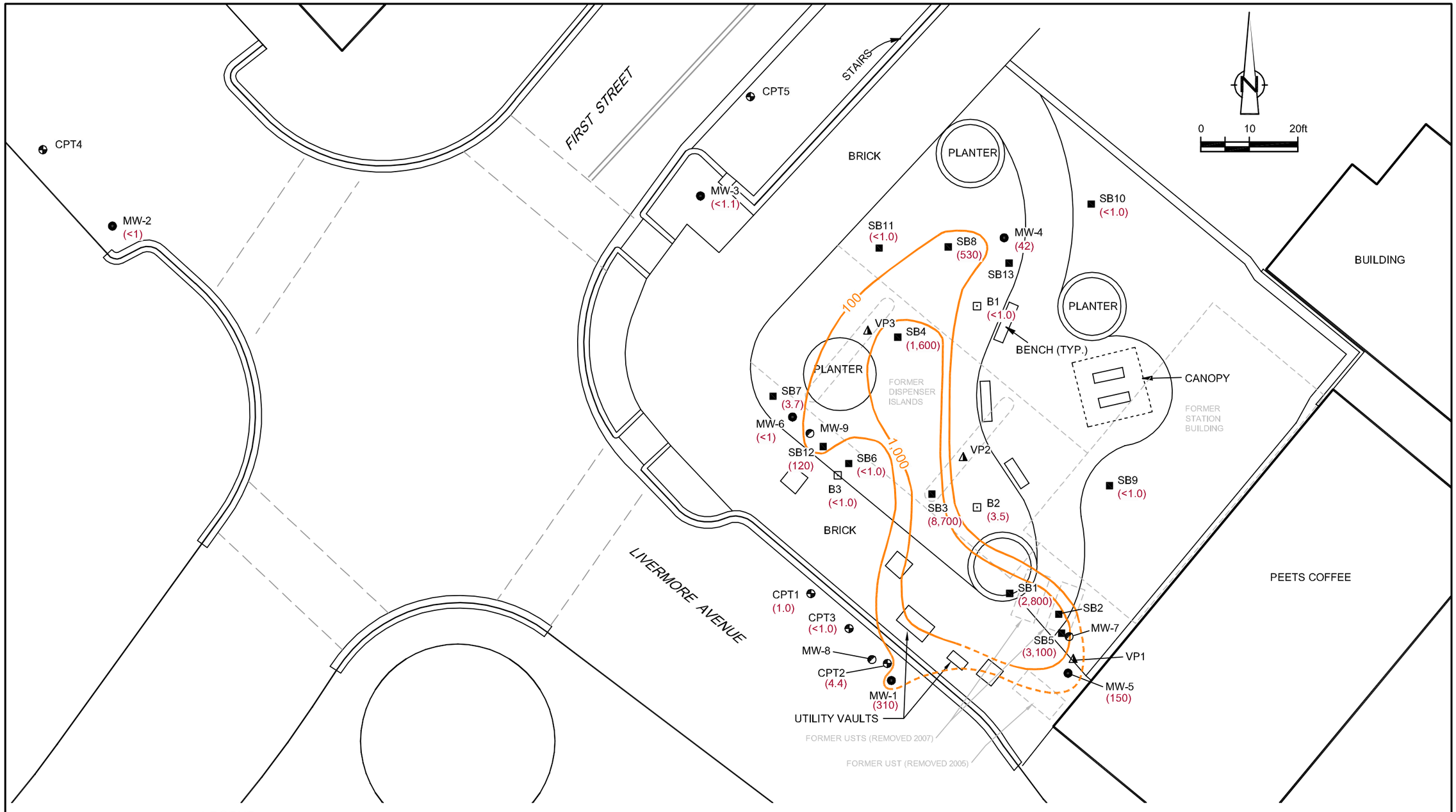


Figure 4

GEOLOGIC CROSS SECTION B-B'
FORMER TEXACO STATION (CHEVRON SITE 30-7233)
2259 FIRST STREET
Livermore, California



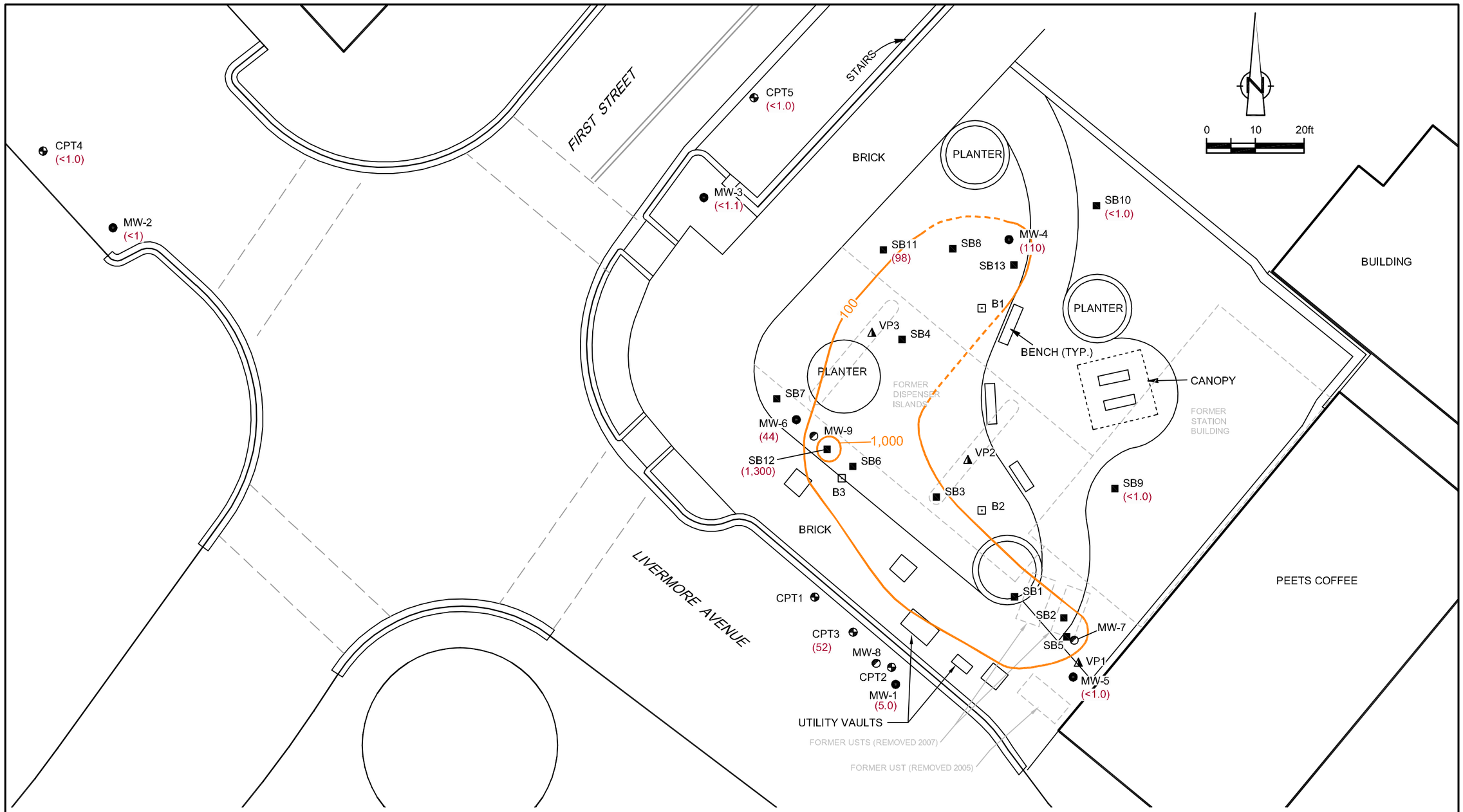
LEGEND

- DEEP MONITORING WELL LOCATION
- SHALLOW MONITORING WELL LOCATION
- CPT BORING LOCATION
- SOIL BORING LOCATION
- SOIL BORING LOCATION (FURGRO 2003)
- VAPOR PROBE LOCATION
- 100 — TPHg CONCENTRATION CONTOUR DASHED WHERE INFERRED
- (1,200) TPHg CONCENTRATIONS ARE IN MILLIGRAMS PER KILOGRAM (mg/kg)

Figure 5

TPHg ISOCONCENTRATION IN SOIL - 20-40 FEET BELOW GROUND
FORMER TEXACO STATION (CHEVRON SITE 30-7233)
2259 FIRST STREET
Livermore, California

312264-2010(006)GN-WA003 JUN 25/2010

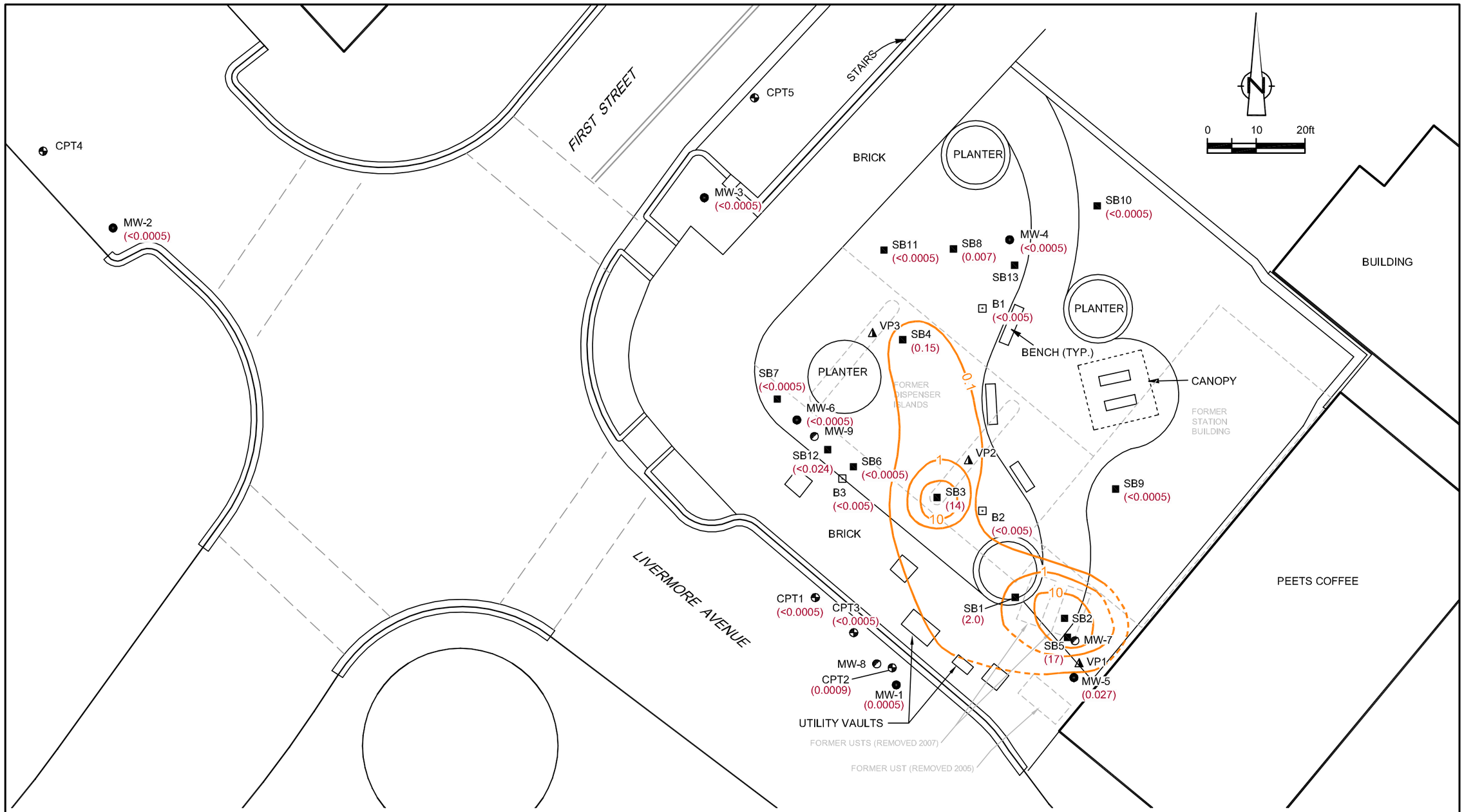


LEGEND

- DEEP MONITORING WELL LOCATION
- SHALLOW MONITORING WELL LOCATION
- CPT BORING LOCATION
- SOIL BORING LOCATION
- SOIL BORING LOCATION (FURGRO 2003)
- VAPOR PROBE LOCATION
- 100 — TPHg CONCENTRATION CONTOUR DASHED WHERE INFERRED
- (1,200) TPHg CONCENTRATIONS ARE IN MILLIGRAMS PER KILOGRAM (mg/kg)

Figure 6

TPHg ISOCONCENTRATION IN SOIL - 40.5-56 FEET BELOW GROUND
FORMER TEXACO STATION (CHEVRON SITE 30-7233)
2259 FIRST STREET
Livermore, California



LEGEND

- DEEP MONITORING WELL LOCATION
- SHALLOW MONITORING WELL LOCATION
- CPT BORING LOCATION
- SOIL BORING LOCATION
- SOIL BORING LOCATION (FURGRO 2003)
- VAPOR PROBE LOCATION

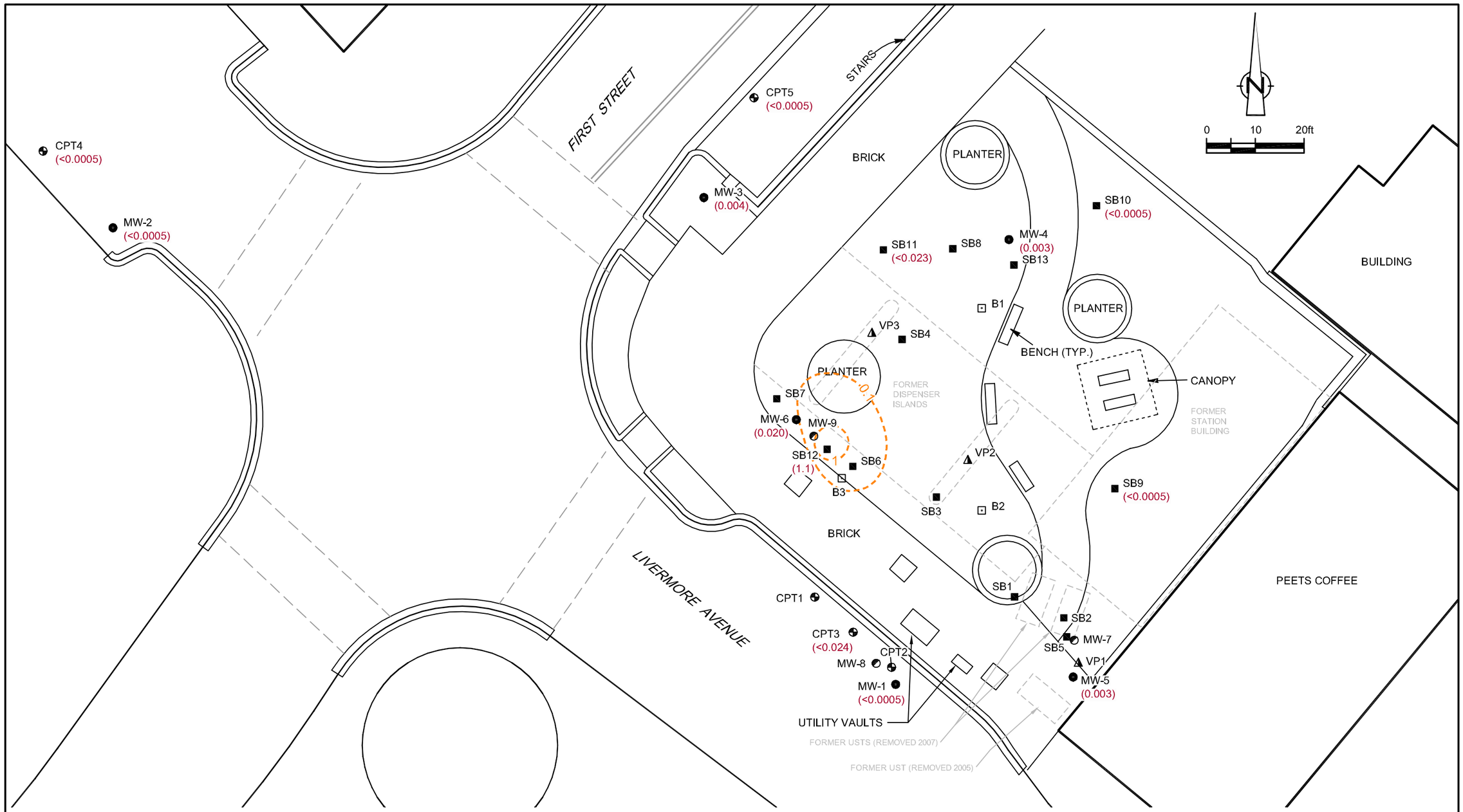
0.1 — BENZENE CONCENTRATION CONTOUR DASHED WHERE INFERRED

(1,200) BENZENE CONCENTRATIONS ARE IN MILLIGRAMS PER KILOGRAM (mg/kg)

Figure 7

BENZENE ISOCONCENTRATION IN SOIL - 20-40 FEET BELOW GROUND
FORMER TEXACO STATION (CHEVRON SITE 30-7233)
2259 FIRST STREET
Livermore, California

312264-2010(006)GN-WA005 JUN 25/2010



LEGEND

- DEEP MONITORING WELL LOCATION
- SHALLOW MONITORING WELL LOCATION
- CPT BORING LOCATION
- SOIL BORING LOCATION
- SOIL BORING LOCATION (FURGRO 2003)
- VAPOR PROBE LOCATION

0.1 — BENZENE CONCENTRATION CONTOUR DASHED WHERE INFERRED

(1,200) BENZENE CONCENTRATIONS ARE IN MILLIGRAMS PER KILOGRAM (mg/kg)

Figure 8

BENZENE ISOCONCENTRATION IN SOIL - 40.5-56 FEET BELOW GROUND
FORMER TEXACO STATION (CHEVRON SITE 30-7233)
2259 FIRST STREET
Livermore, California

312264-2010(006)GN-WA006 JUN 25/2010

TABLES

TABLE 1
WELL CONSTRUCTION DETAILS
FORMER TEXACO STATION 30-7233
2259 FIRST STREET, LIVERMORE , CALIFORNIA

Well ID	*Date Installed*	*TOC*	*Total Depth (fbg)*	*Casing Diameter (inches)*	*Screen Interval (fbg)*	*Zone*	*Status*
MW-1	4/7/2010	490.89	59	2	54-59	Zone B	*Active/New*
MW-2	4/5/2010	489.43	59	2	54-59	Zone B	*Active/New*
MW-3	4/6/2010	490.38	59	2	54-59	Zone B	*Active/New*
MW-4	4/12/2010	492.27	59	2	54-59	Zone B	*Active/New*
MW-5	4/8/2010	491.99	59	2	54-59	Zone B	*Active/New*
MW-6	4/9/2010	491.52	59	2	54-59	Zone B	*Active/New*
MW-7	4/8/2010	492.29	33	2	28-33	Zone A	*Active/New*
MW-8	4/7/2010	490.86	39	2	34-39	Zone A	*Active/New*
MW-9	4/9/2010	491.64	40	2	35-40	Zone A	*Active/New*

Abbreviations/Notes:
fbg = feet below grade
TOC = Top of casing elevation (feet above mean sea level)
TOC elevations for wells for all exisiting wells were surveyed by Morrow Surveying on April 19, 2010.
Zone A = Shallow perched water zone
Zone B = Deeper water zone

TABLE 2
CUMULATIVE SOIL ANALYTICAL DATA
FORMER TEXACO SERVICE STATION 30-7233
2259 FIRST STREET, LIVERMORE, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHmo*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*OXYs*	*Pb*
			Reported in milligrams per kilogram (mg/kg)									
ESLs for Soil Leaching Screening Level (Drinking Water Sourse) Table G			***83***	83	83	0.044	2.9	3.3	2.3	0.023	Varies	*--*
ESLs for Soil Direct Exposure Construction/Trench Worker Table K-3			***12,000***	4,200	4,200	12	650	210	420	2,800	Varies	750
2010 CRA Well Installation												
MW-1	03/29/2010	4.0	<10	<4.0	<1.0	<0.0005	<0.0009	<0.0009	<0.0009	--	--	--
MW-1	04/07/2010	9.5	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-1	04/07/2010	14.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-1	04/07/2010	19.5	<10	<4.0	<0.9	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-1	04/07/2010	24.5	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-1	04/07/2010	29.5	<10	31	**310**	<0.025	<0.049	<0.049	<0.049	--	--	--
MW-1	04/07/2010	34.5	<10	<4.0	<1.0	0.0005	<0.001	<0.001	<0.001	--	--	--
MW-1	04/07/2010	39.5	<10	<4.0	6.8	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-1	04/07/2010	44.5	<10	<4.0	5.0	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-1	04/07/2010	49.5	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-1	04/07/2010	54.5	<10	<4.0	<0.9	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-1	04/07/2010	59.5	<10	<4.0	<1	<0.0005	<0.0009	<0.0009	<0.0009	--	--	--
MW-2	04/05/2010	9.5	<10	<4.0	<1	<0.0005	<0.0009	<0.0009	<0.0009	--	--	--
MW-2	04/05/2010	14.5	<10	<4.0	<1	<0.0005	<0.0009	<0.0009	<0.0009	--	--	--
MW-2	04/05/2010	19.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-2	04/05/2010	24.5	<10	<4.0	<0.9	<0.0005	<0.0009	<0.0009	<0.0009	--	--	--
MW-2	04/05/2010	29.5	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-2	04/05/2010	34.5	<10	<4.0	<1.0	<0.0005	<0.0009	<0.0009	<0.0009	--	--	--
MW-2	04/05/2010	39.5	<10	<4.0	<1	<0.0005	<0.0009	<0.0009	<0.0009	--	--	--
MW-2	04/05/2010	44.5	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-2	04/05/2010	49.5	<10	<4.0	<1.1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-2	04/05/2010	54.5	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-2	04/05/2010	59.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-3	03/30/2010	5.0	<10	8.8	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-3	04/06/2010	9.5	<10	<4.0	<0.9	<0.0005	0.002	<0.001	<0.001	--	--	--
MW-3	04/06/2010	14.5	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-3	04/06/2010	19.5	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-3	04/06/2010	24.5	<10	<4.0	<0.9	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-3	04/06/2010	29.5	<10	<4.0	<1.1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-3	04/06/2010	34.5	<10	<4.0	<1.0	<0.0005	<0.0009	<0.0009	<0.0009	--	--	--
MW-3	04/06/2010	39.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-3	04/06/2010	44.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-3	04/06/2010	49.5	<10	<4.0	<1.1	<0.0005	<0.001	<0.001	<0.001	--	--	--

TABLE 2
CUMULATIVE SOIL ANALYTICAL DATA
FORMER TEXACO SERVICE STATION 30-7233
2259 FIRST STREET, LIVERMORE, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHmo*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*OXYs*	*Pb*
			Reported in milligrams per kilogram (mg/kg)									
ESLs for Soil Leaching Screening Level (Drinking Water Sourse) Table G			***83***	83	83	0.044	2.9	3.3	2.3	0.023	Varies	**--**
ESLs for Soil Direct Exposure Construction/Trench Worker Table K-3			***12,000***	4,200	4,200	12	650	210	420	2,800	Varies	750
MW-3	04/06/2010	54.5	<10	<4.0	10	0.004	<0.001	<0.001	<0.001	--	--	--
MW-3	04/06/2010	59.5	<10	<4.0	<1.1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-4	03/30/2010	5.0	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-4	04/12/2010	10.5	<10	<4.0	<0.9	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-4	04/12/2010	15.5	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-4	04/12/2010	20.5	<10	<4.0	<0.9	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-4	04/12/2010	25.5	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-4	04/12/2010	30.5	<10	82	42	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-4	04/12/2010	35.5	<10	<4.0	<0.9	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-4	04/12/2010	40.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-4	04/12/2010	45.5	<10	<4.0	80	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-4	04/12/2010	50.5	<10	<4.0	31	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-4	04/12/2010	55.5	<10	4.7	**110**	0.003	0.001	0.019	0.007	--	--	--
MW-4	04/12/2010	60.5	<10	<4.0	<0.9	<0.0005	<0.0009	<0.0009	<0.0009	--	--	--
MW-5	03/31/2010	5.0	**130**	42	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-5	04/08/2010	9.5	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-5	04/08/2010	14.5	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-5	04/08/2010	19.5	<10	<4.0	<1	0.001	<0.0009	<0.0009	<0.0009	--	--	--
MW-5	04/08/2010	24.5	<10	5.9	**150**	<0.026	<0.053	<0.053	<0.053	--	--	--
MW-5	04/08/2010	29.5	<10	8.1	18	0.003	<0.001	0.038	0.022	--	--	--
MW-5	04/08/2010	34.5	<10	29	51	<0.023	<0.046	<0.046	<0.046	--	--	--
MW-5	04/08/2010	39.5	<10	<4.0	2.1	0.027	0.002	0.004	<0.001	--	--	--
MW-5	04/08/2010	44.5	<10	<4.0	<1.0	0.003	<0.001	<0.001	<0.001	--	--	--
MW-5	04/08/2010	49.5	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-5	04/08/2010	54.5	<10	<4.0	<1	0.0006	<0.001	<0.001	<0.001	--	--	--
MW-5	04/08/2010	59.5	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--

TABLE 2
CUMULATIVE SOIL ANALYTICAL DATA
FORMER TEXACO SERVICE STATION 30-7233
2259 FIRST STREET, LIVERMORE, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHmo*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*OXYs*	*Pb*
			Reported in milligrams per kilogram (mg/kg)									
ESLs for Soil Leaching Screening Level (Drinking Water Sourse) Table G			***83***	83	83	0.044	2.9	3.3	2.3	0.023	Varies	*--*
ESLs for Soil Direct Exposure Construction/Trench Worker Table K-3			***12,000***	4,200	4,200	12	650	210	420	2,800	Varies	750
MW-6	04/01/2010	5.0	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-6	04/09/2010	10.0	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-6	04/09/2010	15.0	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-6	04/09/2010	19.5	<10	<4.0	<0.9	<0.0005	<0.0009	<0.0009	<0.0009	--	--	--
MW-6	04/09/2010	25.0	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-6	04/09/2010	30.0	<10	<4.0	<0.9	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-6	04/09/2010	35.0	<10	<4.0	<0.9	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-6	04/09/2010	40.0	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-6	04/09/2010	45.0	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-6	04/09/2010	50.0	<10	<4.0	<0.9	<0.0005	<0.001	<0.001	<0.001	--	--	--
MW-6	04/09/2010	55.0	<10	<4.0	44	0.020	0.003	0.006	0.002	--	--	--
MW-6	04/09/2010	59.5	<10	<4.0	<1	<0.0005	<0.001	<0.001	<0.001	--	--	--
2008 Subsurface Investigations												
CPT1	02/05/2008	21.0	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
CPT1	02/05/2008	36.0	**380**	**100**	1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
CPT2	02/04/2008	22.0	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
CPT2	02/04/2008	30.0	<10	27	4.4	<0.026	<0.052	1.1	0.18	<0.026	ND	--
CPT2	02/04/2008	35.0	<12	<4.0	1.3	0.0009	<0.001	<0.001	0.002	<0.0005	ND	--
CPT3	11/04/2008	18.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
CPT3	11/04/2008	35.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
CPT3	11/04/2008	55.5	<10	7.1	52	<0.024	<0.047	<0.047	<0.047	<0.024	ND	--
CPT4	11/05/2008	50.0	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
CPT5	11/03/2008	51.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB6	01/28/2008	1-8***	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	6.13
SB6	01/28/2008	9.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	6.39
SB6	01/28/2008	19.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	5.79
SB6	01/28/2008	24.0	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	10.9

TABLE 2
CUMULATIVE SOIL ANALYTICAL DATA
FORMER TEXACO SERVICE STATION 30-7233
2259 FIRST STREET, LIVERMORE, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHmo*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*OXYs*	*Pb*
			Reported in milligrams per kilogram (mg/kg)									
ESLs for Soil Leaching Screening Level (Drinking Water Sourse) Table G			***83***	83	83	0.044	2.9	3.3	2.3	0.023	Varies	--
ESLs for Soil Direct Exposure Construction/Trench Worker Table K-3			***12,000***	4,200	4,200	12	650	210	420	2,800	Varies	750
SB7	01/28/2008	1-8***	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	8.57
SB7	01/30/2008	9.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	8.30
SB7	01/30/2008	19.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	4.70
SB7	01/30/2008	29.5	<10	<4.0	3.7	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	10.5
SB7	01/30/2008	34.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	11.6
SB8	01/28/2008	1-8***	53	18	<1.0	<0.0005	<0.0009	<0.0009	<0.0009	<0.0005	ND	21.9
SB8	01/31/2008	19.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	10.3
SB8	01/31/2008	29.5	<10	<4.0	1.2	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	8.29
SB8	01/31/2008	34.5	<10	67	**530**	<0.027	<0.054	0.10	<0.054	<0.027	ND	7.86
SB8	01/31/2008	39.5	<10	<4.0	<1.0	0.007	0.002	0.015	0.007	**0.039**	0.034[a]	8.93
SB9	01/28/2008	1-8***	32	13	1.3	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	13.5
SB9	01/29/2008	15.0	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	6.36
SB9	01/29/2008	27.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	7.92
SB9	01/29/2008	34.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	12.3
SB9	01/29/2008	46.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	9.34
SB9	01/29/2008	54.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	5.77
SB10	10/23/2008	5.0	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB10	11/04/2008	16.0	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB10	11/04/2008	26.0	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB10	11/04/2008	36.0	<10	<4.0	<1.0	<0.0005	<0.0009	<0.0009	<0.0009	<0.0005	ND	--
SB10	11/04/2008	46.0	<10	4.2	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB10	11/04/2008	56.0	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB10	11/04/2008	62.0	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB11	10/24/2008	5.0	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB11	11/03/2008	11.0	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB11	11/03/2008	16.0	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB11	11/03/2008	26.0	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB11	11/03/2008	36.0	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB11	11/03/2008	45.5	<10	<4.0	59	<0.0005	<0.0009	<0.0009	<0.0009	<0.0005	ND	--
SB11	11/03/2008	50.5	<10	25	59	<0.023	<0.045	<0.045	<0.045	<0.023	ND	--
SB11	11/03/2008	56.0	<10	45	**98**	<0.023	<0.047	<0.047	<0.047	<0.023	ND	--
SB11	11/03/2008	61.0	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--

TABLE 2
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2259 FIRST STREET, LIVERMORE, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHmo*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*OXYs*	*Pb*
			Reported in milligrams per kilogram (mg/kg)									
ESLs for Soil Leaching Screening Level (Drinking Water Sourse) Table G			***83***	83	83	0.044	2.9	3.3	2.3	0.023	Varies	--
ESLs for Soil Direct Exposure Construction/Trench Worker Table K-3			***12,000***	4,200	4,200	12	650	210	420	2,800	Varies	750
SB12	10/24/2008	5.0	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB12	11/03/2008	15.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB12	11/03/2008	25.5	<10	<4.0	120	<0.023	<0.046	<0.046	<0.046	<0.023	ND	--
SB12	11/03/2008	30.0	<10	34	58	<0.024	<0.047	<0.047	<0.047	<0.024	ND	--
SB12	11/03/2008	35.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB12	11/03/2008	45.5	<10	<4.0	1.3	0.0007	<0.001	<0.001	<0.001	<0.0005	ND	--
SB12	11/03/2008	50.5	<10	65	**1,200**	<0.023	<0.046	<0.046	<0.046	<0.023	ND	--
SB12	11/03/2008	55.5	<10	55	**1,300**	**1.1**	0.15	2.0	**3.7**	<0.024	ND	--
SB12	11/03/2008	60.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SSB1	02/01/2008	1.5	--	--	--	--	--	--	--	--	--	9.52
SSB1	02/01/2008	2.5	--	--	--	--	--	--	--	--	--	52.9
SSB1	02/01/2008	4.5	--	--	--	--	--	--	--	--	--	7.34
SSB2	01/28/2008	1.5	--	--	--	--	--	--	--	--	--	17.4
SSB2	01/30/2008	2.5	--	11	1.2	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	40.6
SSB2	01/30/2008	4.5	--	4.4	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	15.0
SSB2	01/30/2008	8.0	--	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	7.45
SSB3	01/30/2008	1.5	--	--	--	--	--	--	--	--	--	42.8
SSB3	02/06/2008	3.0	--	--	--	--	--	--	--	--	--	52.4
SSB3	02/06/2008	5.0	--	--	--	--	--	--	--	--	--	42.2
SSB4	02/01/2008	1.5	--	--	--	--	--	--	--	--	--	10.2
SSB4	02/01/2008	2.5	--	--	--	--	--	--	--	--	--	517
SSB4	02/01/2008	4.5	--	--	--	--	--	--	--	--	--	616
SSB4	02/01/2008	9.0	--	--	--	--	--	--	--	--	--	90.8
SSB5	02/06/2008	1.5	--	--	--	--	--	--	--	--	--	18.2
SSB5	02/06/2008	3.0	--	--	--	--	--	--	--	--	--	47.5
SSB5	02/06/2008	5.5	--	--	--	--	--	--	--	--	--	117
SSB5	02/06/2008	7.0	--	--	--	--	--	--	--	--	--	63.5
SSB6	02/06/2008	1.5	--	--	--	--	--	--	--	--	--	14.3
SSB6	02/06/2008	3.0	--	--	--	--	--	--	--	--	--	98.9

TABLE 2
CUMULATIVE SOIL ANALYTICAL DATA
FORMER TEXACO SERVICE STATION 30-7233
2259 FIRST STREET, LIVERMORE, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHmo*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*OXYs*	*Pb*
			Reported in milligrams per kilogram (mg/kg)									
ESLs for Soil Leaching Screening Level (Drinking Water Sourse) Table G			***83***	83	83	0.044	2.9	3.3	2.3	0.023	Varies	--
ESLs for Soil Direct Exposure Construction/Trench Worker Table K-3			***12,000***	4,200	4,200	12	650	210	420	2,800	Varies	750
SSB7	02/06/2008	1.5	--	--	--	--	--	--	--	--	--	13.0
SSB7	02/06/2008	3.5	--	--	--	--	--	--	--	--	--	9.73
SSB7	02/06/2008	5.5	--	--	--	--	--	--	--	--	--	4.60
SSB7	02/06/2008	7.0	--	--	--	--	--	--	--	--	--	3.97
SSB8	02/01/2008	1.5	--	--	--	--	--	--	--	--	--	168
SSB8	02/01/2008	4.5	--	--	--	--	--	--	--	--	--	160
SSB8	02/01/2008	9.5	--	--	--	--	--	--	--	--	--	33.8
SSB9	02/06/2008	1.5	--	--	--	--	--	--	--	--	--	189
SSB9	02/06/2008	3.0	--	--	--	--	--	--	--	--	--	15.0
SSB9	02/06/2008	5.0	--	--	--	--	--	--	--	--	--	6.24
SSB9	02/06/2008	9.0	--	--	--	--	--	--	--	--	--	6.36
SSB10	01/31/2008	1.5	--	--	--	--	--	--	--	--	--	38.9
SSB10	02/06/2008	3.0	--	--	--	--	--	--	--	--	--	67.2
SSB10	02/06/2008	5.0	--	--	--	--	--	--	--	--	--	5.00
SSB10	02/06/2008	9.0	--	--	--	--	--	--	--	--	--	9.34
SSB11	02/06/2008	1.5	--	--	--	--	--	--	--	--	--	9.67
SSB11	02/06/2008	3.0	--	--	--	--	--	--	--	--	--	4.86
SSB11	02/06/2008	5.0	--	--	--	--	--	--	--	--	--	3.90
SSB11	02/06/2008	8.5	--	--	--	--	--	--	--	--	--	5.62
VP1	02/01/2008	4.5	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	6.10
VP1	02/01/2008	8.0	<10	<4.0	<1.0	<0.0005	<0.0009	<0.0009	<0.0009	<0.0005	ND	9.03
VP2	02/01/2008	4.5	54	25	<1.0	<0.0005	<0.0009	<0.0009	<0.0009	<0.0005	ND	75.4
VP2	02/01/2008	9.5	<10	<4.0	<1.0	<0.0005	<0.0009	<0.0009	<0.0009	<0.0005	ND	15.6
VP3	02/01/2008	4.5	<10	<4.0	1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	6.12
VP3	02/01/2008	8.0	<10	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	4.22

TABLE 2
CUMULATIVE SOIL ANALYTICAL DATA
FORMER TEXACO SERVICE STATION 30-7233
2259 FIRST STREET, LIVERMORE, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHmo*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*OXYs*	*Pb*
			Reported in milligrams per kilogram (mg/kg)									
ESLs for Soil Leaching Screening Level (Drinking Water Sourse) Table G			***83***	83	83	0.044	2.9	3.3	2.3	0.023	Varies	**--**
ESLs for Soil Direct Exposure Construction/Trench Worker Table K-3			***12,000***	4,200	4,200	12	650	210	420	2,800	Varies	750
2007 Tank Pull												
EX1	06/20/2007	7.0	<580	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	4.98
EX2	06/20/2007	7.0	<580	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	3.29
EX3	06/20/2007	7.0	<580	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	5.13
EX4	06/20/2007	8.0	**11,000**	**2,800**	<1.0	<0.0005	0.001	<0.001	<0.001	<0.0005	ND	**1,170**
EX4	06/20/2007	9.0	**3,100**	**1,400**	<100	<0.0005	<0.001	<0.001	0.004	<0.0005	ND	**1,470**
EX5	06/20/2007	8.0	<580	**100**	<10	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	190
EX6	06/20/2007	8.0	**3,000**	**1,300**	<400	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	**1,500**
P1	06/20/2007	5.0	<580	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	27.1
October 2006 Subsurface Investigation												
SB-1	10/26/2006	10.0	<10	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB-1	10/26/2006	15.0	**350**	**140**	15	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB-1	10/26/2006	22.0	**1,400**	**780**	**2,800**	<0.062	2.1	**7.5**	<0.12	<0.062	ND	--
SB-1	10/26/2006	26.0	**390**	**590**	**1,100**	**0.62**	0.19	**5.5**	**19**	<0.062	ND	--
SB-1	10/26/2006	32.0	**94**	**120**	**180**	**2.0**	**17**	**13**	**65**	<0.063	ND	--
SB-1	10/26/2006	35.5	67	**99**	**1,200**	**1.0**	**5.5**	2.7	**16**	<0.062	ND	--
SB-1	10/26/2006	39.5	<10	20	**1,000**	**0.90**	0.93	2.5	**11**	<0.063	ND	--
SB-3	10/23/2006	10.0	<10	<10	<1.0	<0.0005	0.001	<0.001	0.002	<0.0005	ND	--
SB-3	10/23/2006	15.0	<10	<10	<1.0	<0.0005	<0.001	<0.001	0.002	<0.0005	ND	--
SB-3	10/23/2006	21.0	<20	82	**1,800**	<0.062	<0.12	**4.8**	**15**	<0.062	ND	--
SB-3	10/23/2006	25.0	**88**	**3,000**	**8,700**	**14**	**410**	**120**	**770**	<0.31	ND	--
SB-3	10/23/2006	30.0	<20	**230**	**5,400**	**3.2**	**68**	**40**	**250**	<0.062	ND	--
SB-3	10/23/2006	35.0	<10	17	**630**	**0.080**	<0.12	0.56	1.1	<0.062	ND	--
SB-3	10/23/2006	39.5	<20	62	**130**	**0.23**	1.5	0.81	**5.5**	<0.063	ND	--
SB-4	09/12/2006	5.0	<18	33	1.3	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB-4	09/12/2006	10.0	<20	28	2.8	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB-4	09/12/2006	15.0	<20	<12	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB-4	09/12/2006	20.0	<20	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB-4	09/12/2006	25.0	<20	24	**310**	<0.003	<0.005	0.008	<0.005	<0.003	ND	--
SB-4	09/12/2006	27.5	<20	**260**	**1,600**	**0.10**	0.14	**4.5**	**19**	<0.062	ND	--
SB-4	09/12/2006	30.0	<20	<12	22	0.003	<0.005	0.014	0.007	<0.002	ND	--
SB-4	09/12/2006	35.0	<20	45	**320**	<0.063	<0.13	<0.13	<0.13	<0.063	ND	--
SB-4	09/12/2006	39.5	<16	<10	1.2	**0.15**	<0.001	<0.001	<0.001	<0.0005	ND	--

TABLE 2
CUMULATIVE SOIL ANALYTICAL DATA
FORMER TEXACO SERVICE STATION 30-7233
2259 FIRST STREET, LIVERMORE, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHmo*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*OXYs*	*Pb*
			Reported in milligrams per kilogram (mg/kg)									
ESLs for Soil Leaching Screening Level (Drinking Water Sourse) Table G			***83***	83	83	0.044	2.9	3.3	2.3	0.023	Varies	**--**
ESLs for Soil Direct Exposure Construction/Trench Worker Table K-3			***12,000***	4,200	4,200	12	650	210	420	2,800	Varies	750
SB-5	10/24/2006	10.0	<10	<10	<1.0	<0.0005	0.001	<0.001	0.002	<0.0005	ND	--
SB-5	10/26/2006	15.0	<10	<10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	ND	--
SB-5	10/26/2006	19.5	**560**	**700**	27	<0.0005	<0.001	<0.001	0.001	<0.0005	ND	--
SB-5	10/26/2006	26.0	**450**	**620**	**1,100**	**0.78**	<0.13	**8.5**	**12**	<0.063	ND	--
SB-5	10/26/2006	30.0	**140**	**320**	**950**	<0.062	<0.12	1.1	2.0	<0.062	ND	--
SB-5	10/26/2006	34.0	**290**	**630**	**3,100**	**17**	**67**	**38**	**130**	<0.13	ND	--
SB-5	10/26/2006	39.5	<10	80	**1,400**	**5.4**	2.6	**13**	**73**	<0.062	ND	--
2005 Consolidated Engineering Tank Pull												
Sample (1) LFD	09/20/2005	3.0	<2,500	**4,100**	--	<0.017	<0.017	<0.017	<0.017	<0.017	ND	--
Sample (2)	09/20/2005	3.0	<250	**1,300**	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	ND	--
Sample (3)	09/20/2005	3.0	<200	**670**	--	<0.022	<0.022	<0.022	<0.022	<0.022	ND	--
Sample (4)	09/20/2005	3.0	<50	1.0	<1.000	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	ND	--
Sample (5)	09/20/2005	3.0	54	**140**	<1.000	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	ND	--
Sample (6)	09/20/2005	3.0	<50	2.1	3	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	ND	--
2004 Fugro Subsurface Investigation												
B-1	09/17/2003	3.0	--	--	--	--	--	--	--	--	--	21
B-1	09/17/2003	25.5	<50	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--
B-2	09/17/2003	3.0	--	--	--	--	--	--	--	--	--	**3,700****
B-2	09/17/2003	15.5	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--
B-2	09/17/2003	30.0	<50	9.6	3.5	<0.005	<0.005	<0.005	<0.005	<0.005	--	--
B-3	09/17/2003	3.0	--	--	--	--	--	--	--	--	--	4.8
B-3	09/17/2003	25.5	<50	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--

TABLE 2
CUMULATIVE SOIL ANALYTICAL DATA
FORMER TEXACO SERVICE STATION 30-7233
2259 FIRST STREET, LIVERMORE, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHmo*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*OXYs*	*Pb*
			Reported in milligrams per kilogram (mg/kg)									
ESLs for Soil Leaching Screening Level (Drinking Water Sourse) Table G			***83***	83	83	0.044	2.9	3.3	2.3	0.023	Varies	*--*
ESLs for Soil Direct Exposure Construction/Trench Worker Table K-3			***12,000***	4,200	4,200	12	650	210	420	2,800	Varies	750

Notes:
Total petroleum hydrocarbons as motor oil (TPHmo) analyzed by EPA Method 8015B modified unless otherwise noted.
Total petroleum hydrocarbons as diesel (TPHd) analyzed by EPA Method 8015B with silica gel cleanup unless otherwise noted.
Total petroleum hydrocarbons as gasoline (TPHg) analyzed by EPA Method 8015B modified unless otherwise noted.
Benzene, toluene, ethylbenzene, and total xylenes (BTEX); methyl tertiary-butyl ether (MTBE); t-butyl alcohol (TBA); di-isopropyl ether (DIPE); ethyl tertiary-butyl ether (ETBE); t-amyl methyl ether (TAME); 1,2-dichloroethane (1,2-DCA); 1,2-dibromoethane (EDB) analyzed by EPA method 8260B unless otherwise noted.
OXYs = TBA, DIPE, ETBE, TAME, 1,2,-DCA, and EDB
fbg = feet below grade.
<x = Not detected at reporting limit x.
ND = not detected at various laboratory method detection limits.
Environmental Screening Levels (ESLs) for commerical land use where groundwater is a current or potential drinking water source from *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater* presented by the California Regional Water Quality Control Board - San Francisco Bay Region Interim Final November 2007, revised May 2008.
NE = Not established
-- = Not applicable/not analyzed.
a = TBA, no other oxygenates detected
*** = Discrete sample could not be collected due to large cobbles, composite sample collected.
**** = Soluble Lead Toxicity Characteristic Leaching Potential (TCLP) analysis resulted in a concentration <0.50 milligrams per liter.

TABLE 3
CUMULATIVE GRAB-GROUNDWATER ANALYTICAL DATA
FORMER TEXACO SERVICE STATION 30-7233
2259 FIRST STREET, LIVERMORE, CALIFORNIA

Sample ID	*Date*	*Sample Depth (fbg)*	*TPHmo*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*TBA*	*DIPE*	*ETBE*	*TAME*	*1,2-DCA*	*EDB*
			Reported in micrograms per liter (µg/L)													
ESLs for Drinking Water Toxicity (Table F-3)			***210***	***210***	***210***	***1.0***	***150***	***300***	***1800***	***13***	***12***	***NE***	***NE***	***NE***	***0.5***	***0.05***
ESLs for Potential Vapor Intrusion Into Buildings Comercial/Industrial (Table E-1a)			--	Uses soil gas	Uses soil gas	1,800	530,000	170,000	160,000	80,000	Uses soil gas	***NE***	***NE***	***NE***	***690***	510
CRA 2008 SSI																
CPT1	02/05/08	42	**1,500**	**3,300**	**47,000**	**5**	2	3	2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5
CPT2	02/04/08	31	**1,500**	**10,000**	**4,100**	**14**	2	57	110	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5
CPT3	11/04/08	56	**4,500**	**36,000**	**29,000**	**200**	140	**740**	1,100	<1	<4	<1	<1	<1	<1	<1
CPT4	11/05/08	54	**720**	**400**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5
CPT4	11/05/08	60	**1,400**	**490**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5
CPT5	11/03/08	55	**510**	**43,000**	**2,500**	<0.5	<0.5	1	0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5
CPT5	11/03/08	68	<400	**340**	70	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5
SB6	01/30/08	22	<400	**300**	**110**	**3**	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5
SB7	01/30/08	31	<400	**6,400**	**3,000**	<0.5	<0.5	<0.5	<0.5	<0.5	**16**	<0.5	<0.5	<0.5	<0.5	<0.5
SB8	01/31/08	34	--	**52,000**	**18,000**	<1	<1	8	2	<1	<4	<1	<1	<1	<1	<1
SB9	01/29/08	55	**450**	**490**	**1,100**	<0.5	<0.5	<0.5	0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5
SB10	11/04/08	50	<400	<320	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5
SB11	11/03/08	50	<400	**20,000**	**9,000**	<0.5	3	17	150	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5
SB12	11/03/08	50	<400	**4,000**	**5,500**	**190**	15	100	220	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5
2004 Fugro Subsurface Investigation																
B-1	9/17/2003	34-40	<1,000	**1,100**	**1,600**	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--
B-2	9/17/2003	34-40	<500	57	90	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--
B-3	9/17/2003	34-40	<10,000	**42,000**	**18,000**	**140**	47	120	1,000	<50	--	--	--	--	--	--

TABLE 3
CUMULATIVE GRAB-GROUNDWATER ANALYTICAL DATA
FORMER TEXACO SERVICE STATION 30-7233
2259 FIRST STREET, LIVERMORE, CALIFORNIA

Sample ID	*Date*	*Sample Depth (fbg)*	*TPHmo*	*TPHd*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*TBA*	*DIPE*	*ETBE*	*TAME*	*1,2-DCA*	*EDB*
			Reported in micrograms per liter (µg/L)													
ESLs for Drinking Water Toxicity (Table F-3)			***210***	***210***	***210***	***1.0***	***150***	***300***	***1800***	***13***	***12***	***NE***	***NE***	***NE***	***0.5***	***0.05***
ESLs for Potential Vapor Intrusion Into Buildings Comercial/Industrial (Table E-1a)			--	Uses soil gas	Uses soil gas	1,800	530,000	170,000	160,000	80,000	Uses soil gas	***NE***	***NE***	***NE***	***690***	510

Notes:
Total petroleum hydrocarbons as motor oil (TPHmo) analyzed by EPA Method 8015B modified.
Total petroleum hydrocarbons as diesel (TPHd) analyzed by EPA Method 8015B with silica gel cleanup.
Total petroleum hydrocarbons as gasoline (TPHg) analyzed by EPA Method 8015B modified.
Benzene, toluene, ethylbenzene, and total xylenes (BTEX); methyl tertiary-butyl ether (MTBE); t-butyl alcohol (TBA); di-isopropyl ether (DIPE); ethyl tertiary-butyl ether (ETBE); t-amyl methyl ether (TAME); 1,2-dichloroethane (1,2-DCA); 1,2-dibromoethane (EDB) analyzed by EPA Method 8260B.
Environmental Screening Levels (ESLs) for groundwater that is a current or potential drinking water source from *Screening for Environemental Concerns at Sites with Contaminated Soil and Groundwater* presented by the California Regional Water Quality Control Board - San Francisco Bay Region Interim Final November 2007, revised May 2008.
fbg = feet below grade.
<x = Not detected at reporting limit x.
-- = Not applicable/not analyzed.

APPENDIX A

REGULATORY CORRESPONDENCE

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

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-93

April 3, 2009

Mr. Ian Robb
Chevron Environmental Management Company
6001 Bollinger Canyon Road
San Ramon, CA 94583-2324

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

Subject: Fuel Leak Case No. RO0002908 and Geotracker Global ID T0600196622, Miller Square Park, 2259 First Street, Livermore, CA 94550

Dear Mr. Robb and Ms. Davidson:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above referenced site including the recently submitted document entitled, "*Subsurface Investigation Report*," dated March 5, 2009, which was prepared on behalf of Chevron by Conestoga-Rovers & Associates. The Subsurface Investigation Report presents the results from soil and groundwater sampling in three cone penetration test (CPT) borings and three soil borings. Results from re-sampling of soil vapor probes were also presented. The results were generally consistent with previous investigation results. Total petroleum hydrocarbons as gasoline were detected in soil and groundwater at concentrations up to 1,300 milligrams per kilogram and 52,000 micrograms per liter, respectively. The highest concentrations of TPHg were generally detected in soil at depths of approximately 45 to 55 feet bgs.

One proposed off-site CPT boring (CPT-6) was not advanced because an access agreement could not be completed with the adjacent property owner. Proposed boring CPT6 is located in a crossgradient location (north) from the former USTs and dispensers at the site. Boring SB10 was advanced near the northern site boundary, approximately 40 south of the proposed location of CPT6. Petroleum hydrocarbons were not detected in soil and groundwater samples collected from boring SB10, which appears to define the northern extent of contamination in this area of the site. Based on these results, it does not appear that boring CPT6 is required.

Based on the extent of contamination and elevated concentrations of fuel hydrocarbons, remedial action will be required for the site. We request that you prepare a Pilot Test Work Plan or Draft Corrective Action Plan **by June 10, 2009** to begin site cleanup. The Pilot Test Work Plan or Draft Corrective Action Plan is to include plans for groundwater monitoring wells that can be used to estimate the hydraulic gradient, monitor fuel hydrocarbon transport, and evaluate the long-term effectiveness of site cleanup.

TECHNICAL REPORT REQUEST

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

- **June 10, 2009** – Pilot Test Work Plan or Draft Corrective Action Plan

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

ELECTRONIC SUBMITTAL OF REPORTS

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

PERJURY STATEMENT

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

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the

professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

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

AGENCY OVERSIGHT

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

If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297
Senior Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

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

Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street
Pleasanton, CA 94566

John Rigter, Livermore-Pleasanton Fire Department, 3560 Nevada Street
Pleasanton, CA 94566

Charlotte Evans, Conestoga-Rovers & Associates, 5900 Hollis Street, Suite A
Emeryville, CA 94608

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

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

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

EQUIREMENTS

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

dditional Recommendations

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

ubmission Instructions

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

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

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

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

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

January 29, 2010

Mr. Ian Robb (*Sent via E-mail to: ianrobb@chevron.com*)
Chevron Environmental Management Company
6001 Bollinger Canyon Road
San Ramon, CA 94583-2324

Ms. Chris Davidson (*Sent via E-mail to: cedavidson@ci.livermore.ca.us*
City of Livermore Economic Development
1052 S. Livermore Ave.
Livermore, CA 94550

Subject: Fuel Leak Case No. RO0002908 and Geotracker Global ID T0600196622, Miller Square Park, 2259 First Street, Livermore, CA 94550 – Work Plan Approval

Dear Mr. Robb and Ms. Davidson:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above referenced site including the recently submitted document entitled, "*Revised Work Plan*," dated January 6, 2010, which was prepared on behalf of Chevron by Conestoga-Rovers & Associates. The Revised Site Work Plan was modified in response to technical comments in ACEH correspondence dated November 6, 2009. The Revised Work Plan adequately addresses our November 6, 2009 technical comments and may be implemented.

We request that you perform the proposed work and send us the reports described below.

TECHNICAL REPORT REQUEST

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

- **June 3, 2010** – Well Installation Report

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

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information

to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

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

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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

UNDERGROUND STORAGE TANK CLEANUP FUND

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

AGENCY OVERSIGHT

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

If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297
Senior Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Cheryl Dizon, QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway
Livermore, CA 94551 (*Sent via E-mail to: cdizon@zone7water.com*)

Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street
Pleasanton, CA 94566 (*Sent via E-mail to: DStefani@lpfire.org*)

John Rigter, Livermore-Pleasanton Fire Department, 3560 Nevada Street
Pleasanton, CA 94566(*Sent via E-mail to: jrigter@lpfire.org*)

Brandon Wilken, Conestoga-Rovers & Associates, 5900 Hollis Street, Suite A
Emeryville, CA 94608 (*Sent via E-mail to: BWilken@craworld.com*)

Charlotte Evans, Conestoga-Rovers & Associates, 5900 Hollis Street, Suite A
Emeryville, CA 94608 (*Sent via E-mail to: Cevans@craworld.com*)

Donna Drogos, ACEH (*Sent via E-mail to: donna.drogos@acgov.org*)
Jerry Wickham, ACEH
Geotracker, File

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	**ISSUE DATE:** July 5, 2005
	REVISION DATE: March 27, 2009
	PREVIOUS REVISIONS: December 16, 2005, October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	**SUBJECT:** Electronic Report Upload (ftp) Instructions

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

REQUIREMENTS

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

Additional Recommendations

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

Submission Instructions

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

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

3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
   a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
   b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
   c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO# use the street address instead.
   d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

APPENDIX B

SUMMARY OF ENVIRONMENTAL INVESTIGATION AND REMEDIATION

SUMMMARY OF ENVIRONMENTAL INVESTIGATION AND REMEDIATION

FORMER TEXACO STATION 30-7233

September 2003 Investigation

The City of Livermore Engineering Division, as part of a redevelopment plan, retained Fugro West, Inc. (Fugro) to investigate soil and groundwater conditions beneath Mills Square Park to evaluate the potential presence of petroleum hydrocarbons from previous service station operations. In September 2003, Fugro advanced onsite borings B-1, B-2 and B-3. Hydrocarbons were detected in the 30 feet below grade (fbg) soil sample from boring B-2, which contained 9.6 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as diesel (TPHd) and 3.5 mg/kg total petroleum hydrocarbons as gasoline (TPHg). The highest lead concentration of 3,700 mg/kg was detected at 3 fbg in boring B-2. Grab-groundwater samples contained up to 42,000 micrograms per liter (µg/L) TPHd, 18,000 µg/L TPHg, and 140 µg/L benzene in boring B-3. Additional information is available in Fugro's January 6, 2004 *Soil and Groundwater Investigation Report.*

September 2005 UST Removal

In September 2005, an orphan underground storage tank (UST) was encountered beneath the sidewalk on the southwest corner of the site. At the direction of the Livermore-Pleasanton Fire Department, the UST was removed, and Consolidated Engineering Laboratories (CEL) collected four soil samples at 3 fbg in the area of the UST and two stockpile samples. The excavated soil was backfilled into the UST pit. The highest hydrocarbon concentrations detected in the UST excavation samples were 54 mg/kg total petroleum hydrocarbons as motor oil (TPHmo), 4,100 mg/kg TPHd, and 3 mg/kg TPHg. No benzene, toluene, ethylbenzene, xylenes (BTEX), polychlorinated byphenyl (PCBs), or organochlorine pesticides were detected. Chevron was not involved with the tank removal and was contacted later by Alameda County Environmental Health (ACEH) to investigate whether any other USTs remained in Mills Square Park. Additional information is available in CEL's October 4, 2005, *Environmental Sampling, Testing and Evaluation of Soil* report.

August 2006 Geophysical Investigation

In August 2006, Cambria Environmental Technology, Inc. (Cambria) contracted NORCAL Geophysical Consultants, Inc. to survey the site to determine if any USTs remained in place. Two suspected tanks, measuring approximately 5 by 7 feet, were identified at approximately 3 fbg in the south corner of the park. Additional information is available in Cambria's December 22, 2006 *Subsurface Investigation Report*.

September and October 2006 Site Investigation

In 2006, Cambria observed Woodward Drilling Company, Inc. advance borings SB1 through SB5 in the vicinity of the former dispenser islands and suspected USTs. Up to 1,400 mg/kg TPHmo, 3,000 mg/kg TPHd, 8,700 mg/kg TPHg, and 17 mg/kg benzene were detected in soil samples collected from the borings. No groundwater was encountered to the total explored depth of 40 fbg. Additional information is available in Cambria's December 22, 2006 *Subsurface Investigation Report*.

June 2007 Tank Removal

On June 20, 2007, Conestoga-Rovers & Associates (CRA) observed Gettler-Ryan, Inc. remove two 750 gallon single-wall steel gasoline USTs (Tank 1 and Tank 2) and approximately 27 feet of associated product piping. CRA collected seven compliance soil samples beneath the ends and middle of Tank 1 and Tank 2 at depths ranging from 7 to 9 fbg, and one sample at 5 fbg below where the piping protruded from the northwestern wall of the tank pit. Up to 11,000 mg/kg TPHmo and 2,800 mg/kg TPHd were detected beneath the tanks. No TPHg or benzene was detected. Lead was detected at a maximum concentration of 1,170 mg/kg. Additional information is available in CRA's August 17, 2007 *Underground Storage Tank Removal and Compliance Sampling Report*.

January and February 2008 Site Investigation

CRA observed Gregg Drilling & Testing, Inc. (Gregg), RSI Drilling, and Vironex Environmental Field Services advance cone penetration test (CPT) borings CPT1 and CPT2 in Livermore Avenue, advance soil borings SB6 through SB9 and shallow soil borings SSB1 through SSB11 onsite, and install vapor probes VP-1 through VP 3 onsite. The highest hydrocarbon concentrations detected in soil from the offsite CPT borings were 380 mg/kg TPHmo, 100 mg/kg TPHd, 4.4 mg/kg TPHg, and 0.0009 mg/kg benzene. The highest hydrocarbon concentrations detected in soil onsite were 53 mg/kg TPHmo, 67 mg/kg TPHd, 530 mg/kg TPHg, and 0.007 mg/kg benzene. The highest lead concentration detected in soil from the shallow borings was 616 mg/kg. The highest concentrations detected in grab-groundwater samples were 4,500 µg/L TPHmo in CPT3, 52,000 µg/L TPHd in SB8, 29,000 µg/L TPHg in CPT3, and 200 µg/L benzene in CPT3. No benzene was detected in soil vapor and the TPHg, toluene, ethylbenzene, and xylenes concentrations were at least two orders of magnitude below the shallow soil gas screening levels for evaluation of potential vapor intrusion concerns for commercial/industrial land use. Additional information is available in CRA's March 27, 2008 *Subsurface Investigation Report and Well Installation Workplan*.

October and November 2008 Site Investigation

CRA observed Gregg Drilling advance offsite CPT borings CPT3 through CPT5 and onsite borings SB10 through SB12. The only hydrocarbons detected in soil offsite were 7.1 mg/kg TPHd and 52 mg/kg TPHg in CPT3 at 55.5 fbg. The highest concentrations detected in soil

onsite were 65 mg/kg TPHd, 1,300 mg/kg TPHg, and 1.1 mg/kg benzene in boring SB12 at 55.5 fbg. The highest concentrations detected in grab-groundwater samples were 4,500 µg/L TPHmo in CPT3, 43,000 µg/L TPHd in CPT5, and 29,000 µg/L TPHg and 200 µg/L benzene in CPT3. CRA also re-sampled soil vapor probe VP1 to confirm previous soil vapor data. No benzene was detected in soil vapor, and the TPHg and xylenes concentrations were at least two orders of magnitude below the shallow soil gas screening levels for evaluation of potential vapor intrusion concerns for commercial/industrial land use. Additional information is available in CRA's March 5, 2009 *Subsurface Investigation Report*.

APPENDIX C

BORING LOGS

Conestoga-Rovers & Associates
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**	MW-1
JOB/SITE NAME	Chevron #30-7233	**DRILLING STARTED**	29-Mar-10
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	07-Apr-10
PROJECT NUMBER	312264	**WELL DEVELOPMENT DATE (YIELD)**	25-May-10
DRILLER	Gregg Drilling & Testing, C57 #485165	**GROUND SURFACE ELEVATION**	491.19 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	490.89 ft above msl
BORING DIAMETER	8-inch	**SCREENED INTERVALS**	54 to 59 fbg
LOGGED BY	Belew Yifru	**DEPTH TO WATER (First Encountered)**	29.00 fbg (07-Apr-10)
REVIEWED BY	B. Wilken, PG# 7564	**DEPTH TO WATER (Static)**	30.78 fbg (27-May-10)
REMARKS	Utility cleared with an air-knife-assisted vacuum truck to 8 feet below grade		

PID (ppm)	BLOW COUNTS	SAMPLE ID	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
				ASPHALT	0.5
0		MW-1- S-5	GW	**GRAVEL with sand**: Brown; moist; non-plastic; gravel fine to coarse with cobbles up to 6 inches long.	
					8.0
2		MW-1- S-9.5	GM	**Silty GRAVEL with sand**: Brown; moist; non-plastic. Numerous cobbles up to 6 inches long.	
					13.5
3		MW-1- S-14.5	ML	**Sandy SILT with gravel**: Brown; moist; low plasticity.	
					19.5
2		MW-1- S-19.5	ML	**SILT**: Brown; moist; medium plasticity.	
					23.5
2		MW-1- S-24.5	ML	**Sandy SILT with gravel**: Brown; wet; non-plastic.	
					28.5
324		MW-1- S-29.5	GM	**Silty GRAVEL with sand** Grey; wet; non-plastic.	
					33.5
17		MW-1- S-34.5	ML	**SILT**: Brown; wet; low plasticity.	
					39.5

WELL DIAGRAM: Flush-grade 12" well box; Portland Type I/II

WELL LOG (PID) I:\CHEVRON\3122-\312264-131B354-1\312264-GINT.GPJ DEFAULT.GDT 6/2/10

Continued Next Page

Conestoga-Rovers & Associates
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**	MW-1
JOB/SITE NAME	Chevron #30-7233	**DRILLING STARTED**	29-Mar-10
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	07-Apr-10

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
2		MW-1-S-39.5			GP		**GRAVEL with sand**: Grey; wet; non-plastic.		
								43.5	
32		MW-1-S-44.5		45	ML		**SILT**: Brown; wet; medium plasticity. Sand increases with depth.		
2		MW-1-S-49.5		50					Bentonite Seal
								53.5	
6		MW-1-S-54.5		55	GP		**GRAVEL with sand** Brown; wet; non-plastic.		Monterey Sand #2/12 2"-diam., 0.010" Slotted Schedule 40 PVC
								57.5	
					SP		**SAND**: Brown; wet; non-plastic. Coarse sand.		
5		MW-1-S-59.5		60				60.0	Bottom of Boring @ 60 fbg

WELL LOG (PID) I:\CHEVRON\3122-\312264-\131B354-1\312264-GINT.GPJ DEFAULT.GDT 6/2/10

Conestoga-Rovers & Associates
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**	MW-2
JOB/SITE NAME	Chevron #30-7233	**DRILLING STARTED**	29-Mar-10
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	05-Apr-10
PROJECT NUMBER	312264	**WELL DEVELOPMENT DATE (YIELD)**	25-May-10
DRILLER	Gregg Drilling & Testing, C57 #485165	**GROUND SURFACE ELEVATION**	490.08 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	489.43 ft above msl
BORING DIAMETER	8-inch	**SCREENED INTERVALS**	54 to 59 fbg
LOGGED BY	Belew Yifru	**DEPTH TO WATER (First Encountered)**	44.00 fbg (05-Apr-10)
REVIEWED BY	B. Wilken, PG# 7564	**DEPTH TO WATER (Static)**	31.11 fbg (27-May-10)
REMARKS	Utility cleared with an air-knife-assisted vacuum truck to 8 feet below grade		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.5	Flush-grade 12" well box
		MW-2- S-5		5	GW		**GRAVEL with sand**: Brown; moist; non-plastic; gravel fine to coarse with cobbles up to 6 inches long.		
								8.0	
0		MW-2- S-9.5		10			**Silty GRAVEL**: Brown; moist; non plastic.		
0		MW-2- S-14.5		15	GM				
2		MW-2- S-19.5		20			@ 20 fbg increasing sand.		
1		MW-2- S-24.5		25				25.0	Portland Type I/II
					GM		**Silty GRAVEL with sand** Brown; moist; non plastic.		
								28.5	
1		MW-2- S-29.5		30	ML		**SILT with sand**: Brown; moist; medium plasticity.		
2		MW-2- S-34.5		35			**SILT** : Brown; moist; medium plasticity.	35.0	
				40					

WELL LOG (PID) I:\CHEVRON\3122-\312264-131B354-1\312264-GINT.GPJ DEFAULT.GDT 6/2/10

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BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-2
JOB/SITE NAME	Chevron #30-7233	**DRILLING STARTED**	29-Mar-10
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	05-Apr-10

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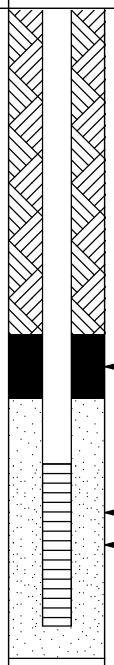
PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
2		MW-2-S-39.5						
0		MW-2-S-44.5		45	ML			
2		MW-2-S-49.5		50				
							GRAVEL with sand: Brown; wet; non-plastic.	53.5
2		MW-2-S-54.5		55	ML			
1		MW-2-S-59.5		60				60.0



Bottom of Boring @ 60 fbg

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BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-3
JOB/SITE NAME	Chevron #30-7233	**DRILLING STARTED**	30-Mar-10
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	06-Apr-10
PROJECT NUMBER	312264	**WELL DEVELOPMENT DATE (YIELD)**	25-May-10
DRILLER	Gregg Drilling & Testing, C57 #485165	**GROUND SURFACE ELEVATION**	490.63 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	490.38 ft above msl
BORING DIAMETER	8-inch	**SCREENED INTERVALS**	54 to 59 fbg
LOGGED BY	Belew Yifru	**DEPTH TO WATER (First Encountered)**	43.00 fbg (06-Apr-10)
REVIEWED BY	B. Wilken, PG# 7564	**DEPTH TO WATER (Static)**	30.98 fbg (27-May-10)
REMARKS	Utility cleared with an air-knife-assisted vacuum truck to 8 feet below grade		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Top Soil	0.5	Flush-grade 8" well box
0		MW-3- S-5		5	GW		**GRAVEL with sand**: Brown; moist; fine to coarse sand; fine to coarse gravel; with cobbles up to 4 inches long. non-plastic		
3		MW-3- S-9.5		10			@ 8 fbg : No cobbles		
0		MW-3- S-14.5		15	ML		**SILT**: Brown; moist; medium plasticity; trace sand.	14.0	
4		MW-3- S-19.5		20	GP		**GRAVEL with silt and sand** Brown; moist; non-plastic.	18.5	
1.4		MW-3- S-24.5		25			**SILT**: Brown; moist; medium plasticity; trace sand.	23.5	Portland Type I/II
1		MW-3- S-29.5		30					
2		MW-3- S-34.5		35					
				40	ML				

WELL LOG (PID) I:\CHEVRON\3122-\312264-\131B354-1\312264-GINT.GPJ DEFAULT.GDT 6/2/10

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BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-3
JOB/SITE NAME	Chevron #30-7233	**DRILLING STARTED**	30-Mar-10
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	06-Apr-10

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
2		MW-3-S-39.5					@ 43 fbg: wet		
2		MW-3-S-44.5		45					
2		MW-3-S-49.5		50					Bentonite Seal
								53.5	
18		MW-3-S-54.5		55	SP		**SAND with gravel** Grey; wet; non-plastic.		Monterey Sand #2/12 2"-diam., 0.010" Slotted Schedule 40 PVC
								58.5	
64		MW-3-S-59.5		60	GP		**GRAVEl with sand** Grey; wet; non-plastic.	60.0	Bottom of Boring @ 60 fbg

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BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-4
JOB/SITE NAME	Chevron #30-7233	**DRILLING STARTED**	30-Mar-10
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	12-Apr-10
PROJECT NUMBER	312264	**WELL DEVELOPMENT DATE (YIELD)**	25-May-10
DRILLER	Gregg Drilling & Testing, C57 #485165	**GROUND SURFACE ELEVATION**	492.57 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	492.27 ft above msl
BORING DIAMETER	8-inch	**SCREENED INTERVALS**	54 to 59 fbg
LOGGED BY	Cortland Toczylowski	**DEPTH TO WATER (First Encountered)**	41.00 fbg (12-Apr-10)
REVIEWED BY	B. Wilken, PG# 7564	**DEPTH TO WATER (Static)**	32.26 fbg (27-May-10)
REMARKS	Utility cleared with an air-knife-assisted vacuum truck to 8 feet below grade		

PID (ppm)	BLOW COUNTS	SAMPLE ID	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
				Top Soil	0.5
1		MW-4- S-5	GW	**GRAVEL with sand**: Brown; moist; fine to coarse sand; fine to coarse gravel; with cobbles up to 5-inches long; non-plastic.	
					8.0
3.2		MW-4- S-10.5	SP	**SAND with gravel** Light brown to light gray; moist; fine to coarse sand; non-plastic.	
					15.0
1.2		MW-4- S-15.5	ML	**Sandy SILT**: Light brown; moist; low plasticity .	
					20.5
1.7		MW-4- S-20.5	ML	**SILT**: Light brown; moist; medium plasticity .	
					22.5
			SP	**SAND with silt and gravel** Dark grey to light brown; moist; non-plastic.	
					25.0
3.4		MW-4- S-25.5	CL	**CLAY**: Mottled light brown and greenish grey; moist; trace fine sand; medium plasticity;.	
					30.0
8.5		MW-4- S-30.5	SM	**Silty SAND**: Green to light grey; moist; low plasticity.	
					35.0
1.6		MW-4- S-35.5	ML	**Sandy SILT**: Green to light grey; moist; low plasticity.	

WELL DIAGRAM: Flush-grade 8" well box; Portland Type I/II

WELL LOG (PID) I:\CHEVRON\3122-\312264-131B354-1\312264-GINT.GPJ DEFAULT.GDT 6/2/10

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BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-4
JOB/SITE NAME	Chevron #30-7233	**DRILLING STARTED**	30-Mar-10
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	12-Apr-10

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PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
129		MW-4-S-40.5			SW		**SAND**: Green to light grey; wet; fine to coarse sand; non-plastic.	41.0	
				45				45.0	
19.1		MW-4-S-45.5			CL		**CLAY**: Green to light grey; wet; medium plasticity; fine sand.		
				50				50.0	
215		MW-4-S-50.5			ML		**Sandy SILT**: Brown to grey; wet; fine sand; low plasticity.	52.5	Bentonite Seal
					SP		**SAND**: Greenish gray to dark gray; wet; fine sand; non-plastic.	55.0	
				55	SM		**Silty SAND**: Greenish gray to light gray; wet; fine sand; non-plastic.	55.5	Monterey Sand #2/12 2"-diam., 0.010" Slotted Schedule 40 PVC
3.4		MW-4-S-55.5			SW		**SAND with gravel**: Greenish gray to light gray; wet; fine to coarse; non-plastic. @ 57.5 fbg: decreasing gravel; light brown.		
				60				60.5	
3.6		MW-4-S-60.5			GP		**GRAVEL with sand**: Greenish grey to grey; wet; non-plastic.	61.0	Bottom of Boring @ 60 fbg

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BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-5
JOB/SITE NAME	Chevron #30-7233	**DRILLING STARTED**	31-Mar-10
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	08-Apr-10
PROJECT NUMBER	312264	**WELL DEVELOPMENT DATE (YIELD)**	25-May-10
DRILLER	Gregg Drilling & Testing, C57 #485165	**GROUND SURFACE ELEVATION**	492.41 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	491.99 ft above msl
BORING DIAMETER	8-inch	**SCREENED INTERVALS**	54 to 59 fbg
LOGGED BY	Belew Yifru	**DEPTH TO WATER (First Encountered)**	23.50 fbg (08-Apr-10) ▽
REVIEWED BY	B. Wilken, PG# 7564	**DEPTH TO WATER (Static)**	31.42 fbg (27-May-10) ▼
REMARKS	Utility cleared with an air-knife-assisted vacuum truck to 8 feet below grade		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							FLAG STONE AND CONCRETE	0.5	Flush-grade 12" well box
1		MW-5- S-5		5	GW		**GRAVEL with sand** Brown; moist; fine to coarse gravel; fine to coarse sand; non-plastic; with cobbles u pto 6 inches long.		
							Silty GRAVEL: Brown; moist; non-plastic.	8.0	
0		MW-5- S-9.5		10	GM				
							SILT: Brown; moist; non- plasticity.	13.5	
1		MW-5- S-14.5		15	ML				
							Silty GRAVEL: Brown; moist; non-plastic.	19.0	
0		MW-5- S-19.5		20	GM				
							GRAVEL with sand : Brown; wet; non-plastic.	23.5	
3		MW-5- S-24.5		25	GP				Portland Type I/II
721		MW-5- S-29.5		30			@ 30 fbg : grey. ▼		
							SILT: Brown; wet; low plasticity; trace of sand.	33.5	
656		MW-5- S-34.5		35			@ 35 fbg : moist.		
				40					

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BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-5
JOB/SITE NAME	Chevron #30-7233	**DRILLING STARTED**	31-Mar-10
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	08-Apr-10

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PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
59		MW-5-S-39.5			ML				
17		MW-5-S-44.5		45					
							GRAVEL with sand Brown; wet; non-plastic.	48.5	
4		MW-5-S-49.5		50					Bentonite Seal
6		MW-5-S-54.5		55	GP				Monterey Sand #2/12 2"-diam., 0.010" Slotted Schedule 40 PVC
2		MW-5-S-59.5		60				60.0	Bottom of Boring @ 60 fbg

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BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-6
JOB/SITE NAME	Chevron #30-7233	**DRILLING STARTED**	01-Apr-10
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	09-Apr-10
PROJECT NUMBER	312264	**WELL DEVELOPMENT DATE (YIELD)**	25-May-10
DRILLER	Gregg Drilling & Testing, C57 #485165	**GROUND SURFACE ELEVATION**	491.89 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	491.52 ft above msl
BORING DIAMETER	8-inch	**SCREENED INTERVALS**	54 to 59 fbg
LOGGED BY	Cortland Toczylowski	**DEPTH TO WATER (First Encountered)**	37.50 fbg (09-Apr-10) ▽
REVIEWED BY	B. Wilken, PG# 7564	**DEPTH TO WATER (Static)**	31.79 fbg (27-May-10) ▼
REMARKS	Utility cleared with an air-knife-assisted vacuum truck to 8 feet below grade		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Top Soil	0.5	Flush-grade 8" well box
							GRAVEL with sily and sand Light brown ; moist; fine to coarse gravel; fine to coarse sand; non-plastic; cobbles up to 10 inches long. @ 2 fbg : wood and brick debris.		
4		MW-6- S-5		5	GP				
1.4		MW-6- S-10		10				12.5	
							Sandy SILT: Light brown; moist; trace fine gravel; low plasticity.		
6.4		MW-6- S-15		15	ML			17.5	
							SAND with gravel Light grey; moist; fine to coarse sand; non-plastic.		
1.4		MW-6- S-19.5		20	SW			24.0	
1.4		MW-6- S-25		25			**Sandy SILT**: Light grey to greenish grey; moist;fine sand; low plasticity.		Portland Type I/II
1.0		MW-6- S-30		30	ML				
							@34 fbg : light brown.		
1.6		MW-6- S-35		35				37.5	
							CLAY: Light grey; wet; some coarse sand; medium plasticity.		
				40					

WELL LOG (PID) I:\CHEVRON\3122-\312264-\131B354-1\312264-GINT.GPJ DEFAULT.GDT 6/2/10

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BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-6
JOB/SITE NAME	Chevron #30-7233	**DRILLING STARTED**	01-Apr-10
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	09-Apr-10

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PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
1.4		MW-6- S-40			CL				
							Sandy SILT: Light gray; moist; coarse sand; low plasticity.	42.5	
					ML				
							CLAY: Light brown and greenish gray; moist; medium plasticity.	44.5	
2.3		MW-6- S-45		45					
33		MW-6- S-50		50	CL				Bentonite Seal
116		MW-6- S-54		55				55.5	Monterey Sand #2/12
					SM		**Silty SAND**: Greenish gray to light gray; moist; fine sand; non-plastic.	56.0	2"-diam., 0.010" Slotted Schedule 40 PVC
					SW		**SAND**: Greenish gray to light gray, wet; medium to coarse sand; non-plastic.		
1.6		MW-6- S-59.5		60				60.0	Bottom of Boring @ 60 fbg

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BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-7
JOB/SITE NAME	Chevron #30-7233	**DRILLING STARTED**	31-Mar-10
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	08-Apr-10
PROJECT NUMBER	312264	**WELL DEVELOPMENT DATE (YIELD)**	25-May-10
DRILLER	Gregg Drilling & Testing, C57 #485165	**GROUND SURFACE ELEVATION**	492.69 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	492.29 ft above msl
BORING DIAMETER	8-inch	**SCREENED INTERVALS**	28 to 33 fbg
LOGGED BY	Belew Yifru	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Wilken, PG# 7564	**DEPTH TO WATER (Static)**	28.61 fbg (27-May-10)
REMARKS	Utility cleared with an air-knife to 8 fbg. Lithology 8-25 fbg copied from MW-5 due to its close proximity.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			**TOP SOIL**	0.5	Flush-grade 8" well box
				5	GW		**GRAVEL with sand** Brown; moist; fine to coarse sand; non-plastic; with cobbles u pto 6 inches long.	8.0	
				10	GM		**Silty GRAVEL**: Brown; moist; non-plastic.	13.5	Portland Type I/II
				15	ML		**SILT**: Brown; moist; non- plasticity.	19.0	
				20	GM		**Silty GRAVEL**: Brown; moist; non-plastic.	25.0	Bentonite Seal
896				25	SM		**Silty SAND** Olive grey; moist; coarse sand; non-plastic.		Monterey Sand #2/12
809				30				32.0	2"-diam., 0.010" Slotted Schedule 40 PVC
234				35	ML		**SILT**: Brown; moist; medium plasticity.		Bentonite Seal
850				40				40.0	Portland Type I/II
									Bottom of Boring @ 40 fbg

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BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-8
JOB/SITE NAME	Chevron #30-7233	**DRILLING STARTED**	29-Mar-10
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	07-Apr-10
PROJECT NUMBER	312264	**WELL DEVELOPMENT DATE (YIELD)**	25-May-10
DRILLER	Gregg Drilling & Testing, C57 #485165	**GROUND SURFACE ELEVATION**	491.30 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	490.86 ft above msl
BORING DIAMETER	8-inch	**SCREENED INTERVALS**	34 to 39 fbg
LOGGED BY	Belew Yifru	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Wilken, PG# 7564	**DEPTH TO WATER (Static)**	30.65 fbg (27-May-10)
REMARKS	Utility cleared with an air-knife to 8 feet below grade. Lithology copied from MW-1 due to its close proximity.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			**ASPHALT**	0.5	
					GW		**GRAVEL with sand**: Brown; moist; non-plastic; gravel fine to coarse with cobbles up to 6 inches long.		
				5					
								8.0	
				10	GM		**Silty GRAVEL with sand**: Brown; moist; non-plastic. Numerous cobbles up to 6 inches long.		
								13.5	
				15	ML		**Sandy SILT with gravel**: Brown; moist; low plasticity.		Portland Type I/II
								19.5	
				20	ML		**SILT**: Brown; moist; medium plasticity.		
								23.5	
				25	ML		**Sandy SILT with gravel**: Brown; wet; non-plastic.		
								28.5	
				30	GM		**Silty GRAVEL with sand** Grey; wet; non-plastic. ▼		Bentonite Seal
								33.5	
				35	ML		**SILT**: Brown; wet; low plasticity.		Monterey Sand #2/12 2"-diam., 0.010" Slotted Schedule 40 PVC
				40				40.0	Bottom of Boring @ 40 fbg

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BORING / WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	MW-9
JOB/SITE NAME	Chevron #30-7233	**DRILLING STARTED**	01-Apr-10
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	09-Apr-10
PROJECT NUMBER	312264	**WELL DEVELOPMENT DATE (YIELD)**	25-May-10
DRILLER	Gregg Drilling & Testing, C57 #485165	**GROUND SURFACE ELEVATION**	491.98 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	498.64 ft above msl
BORING DIAMETER	8-inch	**SCREENED INTERVALS**	35 to 40 fbg
LOGGED BY	Cortland Toczylowski	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Wilken, PG# 7564	**DEPTH TO WATER (Static)**	28.96 fbg (27-May-10)
REMARKS	Utility cleared with an air-knife to 8 feet below grade. Lithology copied from MW-6 due to its proximity.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			**Top Soil**	0.5	
					GP		**GRAVEL with sily and sand** Light brown ; moist; fine to coarse gravel; fine to coarse sand; non-plastic; cobbles up to 10 inches long. @ 2 fbg : wood and brick debris.		
				5					
				10					
								12.5	
				15	ML		**Sandy SILT**: Light brown; moist; trace fine gravel; low plasticity.		Portland Type I/II
								17.5	
				20	SW		**SAND with gravel** Light grey; moist; fine to coarse sand; non-plastic.		
								24.0	
				25			**Sandy SILT**: Light grey to greenish grey; moist;fine sand; low plasticity.		
				30	ML				Bentonite Seal
				35			@34 fbg : light brown.		Monterey Sand #2/12 2"-diam., 0.010" Slotted Schedule 40 PVC
								37.5	
					CL		**CLAY**: Light grey; wet; some coarse sand; medium plasticity.		
				40				40.0	Bottom of Boring @ 40 fbg

WELL LOG (PID) I:\CHEVRON\3122-\312264-131B354-1\312264-GINT.GPJ DEFAULT.GDT 6/3/10

Conestoga-Rovers & Associates
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**	SB13
JOB/SITE NAME	Chevron #30-7233	**DRILLING STARTED**	30-Mar-10
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	12-Apr-10
PROJECT NUMBER	312264	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling & Testing, C57 #485165	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	8-inch	**SCREENED INTERVALS**	NA
LOGGED BY	Cortland Toczylowski	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Wilken, PG# 7564	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			**Top Soil**	0.5	
					GW		**GRAVEL with sand**: Brown; moist; gravel fine to coarse; non-plastic; cobbles up to 5-inches long.		
				5					
								8.0	
							Not Logged.		
				10					
				15				16.0	
							Sandy SILT: Light brown; moist; fine to coarse sand; low plasticity.		
				20					
				25					
				30	ML				
				35					
				40					Portland Type I/II

Continued Next Page

Conestoga-Rovers & Associates
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**	SB13
JOB/SITE NAME	Chevron #30-7233	**DRILLING STARTED**	30-Mar-10
LOCATION	2259 First Street, Livermore, California	**DRILLING COMPLETED**	12-Apr-10

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
					ML		**SILT**: Light brown; moist; low plasticity.	42.0 44.0	Bottom of Boring @ 44 fbg

APPENDIX D

PERMITS

Applicant copy

City of Livermore

Community Development Department
1052 S. Livermore Avenue
Livermore, CA 94550
(925) 960-4500

Encroachment
Permit No. EN100046
Type: Other

PERMIT TO DO WORK IN ACCORDANCE WITH CHAPTER 12.08 OF THE LIVERMORE MUNICIPAL CODE AND SPECIFICATIONS AS ADOPTED BY THE CITY OF LIVERMORE AND ANY SPECIAL REQUIREMENTS SHOWN OR LISTED HEREIN.

Permit Fee:	$90.00
Inspection Fee:	$1,542.00
Bond:	$0.00

Applicant/Permittee:
Name: Conestoga-Rovers & Associates
Address: 5900 Hollis Street, Suite A
Emeryville, CA 94608, 94608
Phone:

Total: $1,632.00

Contractor:
Name: Gregg Drilling And Testing
Address: 950 Howe Rd
Martinez, CA 94553
Phone: 925-313-5800

PLEASE READ THIS PERMIT CAREFULLY. KEEP IT AT THE WORK SITE. TO ARRANGE FOR AN INSPECTION, PHONE (925) 960-4500 AT LEAST 24 HOURS BEFORE YOU START WORK.

JOB LOCATION: 2259 First Street ** Mills Square Park
DESCRIPTION OF WORK: ~~EXCAVATION work~~ Close straight lane on Livermore Ave. for 10 working days, close 3 parking spaces on Livermore Ave & 2 parking spaces on First Street for 10 days. Close Mills Square Park, walkway, portions of the park & portions on the nearby sidewalk for 10 days. Park will reopen for weekends. Work days March 29 - April 9, 2010.

This work will also include paving over previous cores that were required and were not completed as part of permit EN080382.

Length of Excavation: _ L.F. **Width:** _ L.F. **Depth:** _ L.F.

Attention is directed to the General Provisions printed on the reverse side of this permit and to the attached special requirements (to be determined as needed by the Engineering Division).

Prosecution of Work: All work authorized by the permit shall be performed in a workmanlike, diligent, and expeditious manner, and must be completed to the satisfaction of the City Engineer.

Liability and Damages: The permittee shall be responsible for all liability imposed by law for personal injury or property damage which may arise out of the work permitted and done by permittee under this permit, or which may arise out of the failure on the part of the permittee to perform his obligations under said permit in respect to maintenance and encroachment. The permittee shall protect and indemnify the City of Livermore, its officers and employees, and save them harmless in every way from all action at law for damage or injury to persons or property that may arise out of or be occasioned in any way because of his operations as provided in this permit.

Hold Harmless and Indemnification Agreement: Conestoga-Rovers & Associates agrees to defend, indemnify and hold the City of Livermore, elected officials, officers, directors, employees, agents and volunteers harmless from and against any and all loss, liability, damage, including reasonable attorney and expert fees and/or court costs, arising out of or in connection with this agreement, except for the gross negligence and willful misconduct of the City of Livermore, its elected officials, officers, directors, employees, agents and volunteers.

Conestoga-Rovers & Associates
Signature of Permittee:

By: CRovers

Title: Project Manager

Date: 03/10/10

City Engineer

By: _____

Date of Issue: 3/9/2010

Inspector: _____

Date Work Completed: _____

City of Livermore

Encroachment Permit No. EN100046

Community Development Department
1052 S. Livermore Avenue
Livermore, CA 94550
(925) 960-4500

SPECIAL REQUIREMENTS APPLICABLE TO WORK ASSOCIATED WITH

JOB LOCATION: Mills Square Park 2259 First Street ****

DESCRIPTION OF WORK: ~~DESCRIPTION OF WORK~~: Close straight lane on Livermore Ave. for 10 working days, close 3 parking spaces on Livermore Ave & 2 parking spaces on First Street for 10 days. Close Mills Square Park, walkway, portions of the park & portions on the nearby sidewalk for 10 days. Park will reopen for weekends. Work days March 29 - April 9, 2010.

This work will also include paving over previous cores that were required and were not completed as part of permit EN080382.

1: Contractor is required to have pre-construction meeting with inspector to verify location of proposed wells. Proposed well #9 cannot be located in the specialty paving area and must be relocated to another location approved by City Inspector.

2: See Attached Drawing/Plans

3: Contractor shall repair/replace all damaged curb, gutter and sidewalk damaged as a result of current work being completed per the City Livermore Standard Details.

4: Pedestrian access must be maintained at all times, including if necessary, escorting pedestrians through the work area.

5: Traffic control shall be completed per Cal Trans Standards and any additional requirements deemed necessary by the City Engineer.

6: Notify traffic engineer 72 hours prior to start of work. Signal phasing will be changed to allow construction.

7: Borings made in street paving shall be repaired per City Standard Detail G-1D.

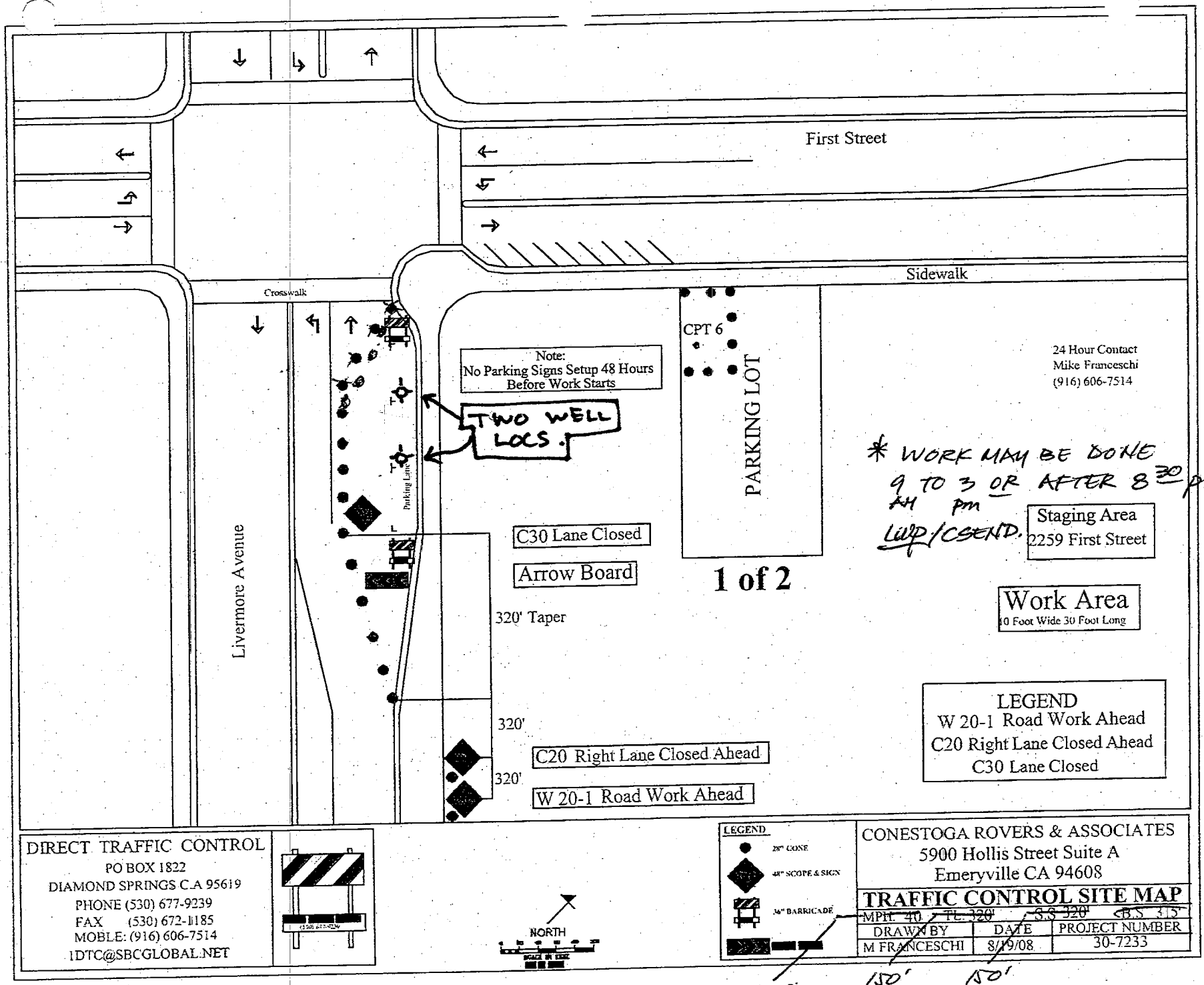
8: Repair or replace all landscape and irrigation with new to match existing.

9: All work shall be completed between the hours of 9 a.m. and 3 p.m.

10: Post N0-PARKING signs 72 hours in advance of closing parking lane.

11: Protect blue stone.

12: Contractor must notify Livermore Downtown, Inc., Livermore Chamber of Commerce, the Independent (newspaper), Peets Coffee, Tequila's Tacqueria, City Inspector and City Maintenance prior to beginning work. If tree trimming is required, City
Maintenance staff must be notified 24 hours in advance.



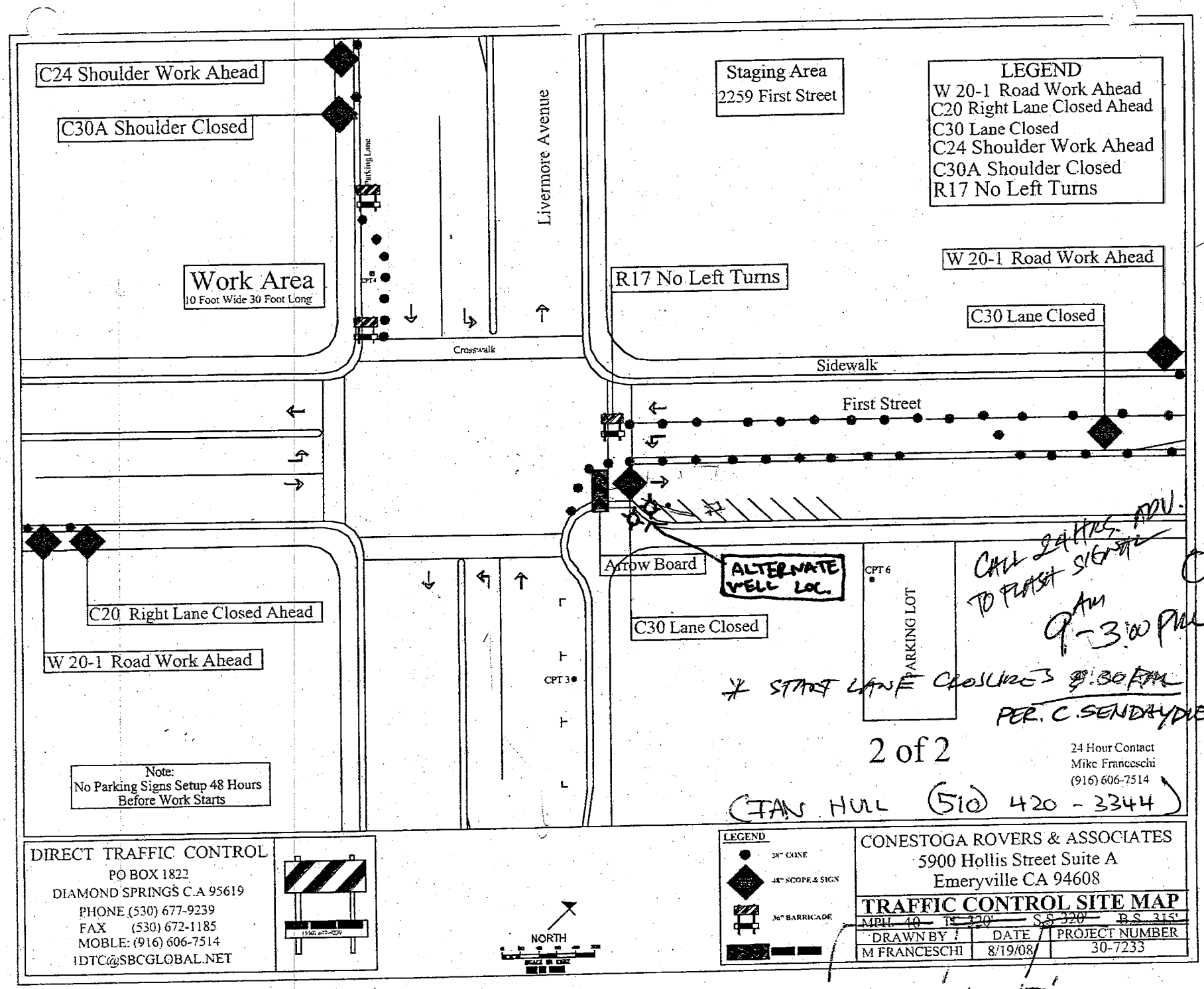
DIRECT TRAFFIC CONTROL
PO BOX 1822
DIAMOND SPRINGS CA 95619
PHONE (530) 677-9239
FAX (530) 672-1185
MOBLE: (916) 606-7514
1DTC@SBCGLOBAL.NET

CONESTOGA ROVERS & ASSOCIATES
5900 Hollis Street Suite A
Emeryville CA 94608

TRAFFIC CONTROL SITE MAP

MPH 40 / TL 320' S.S 320' S.S 315'

DRAWN BY	DATE	PROJECT NUMBER
M FRANCESCHI	8/19/08	30-7233



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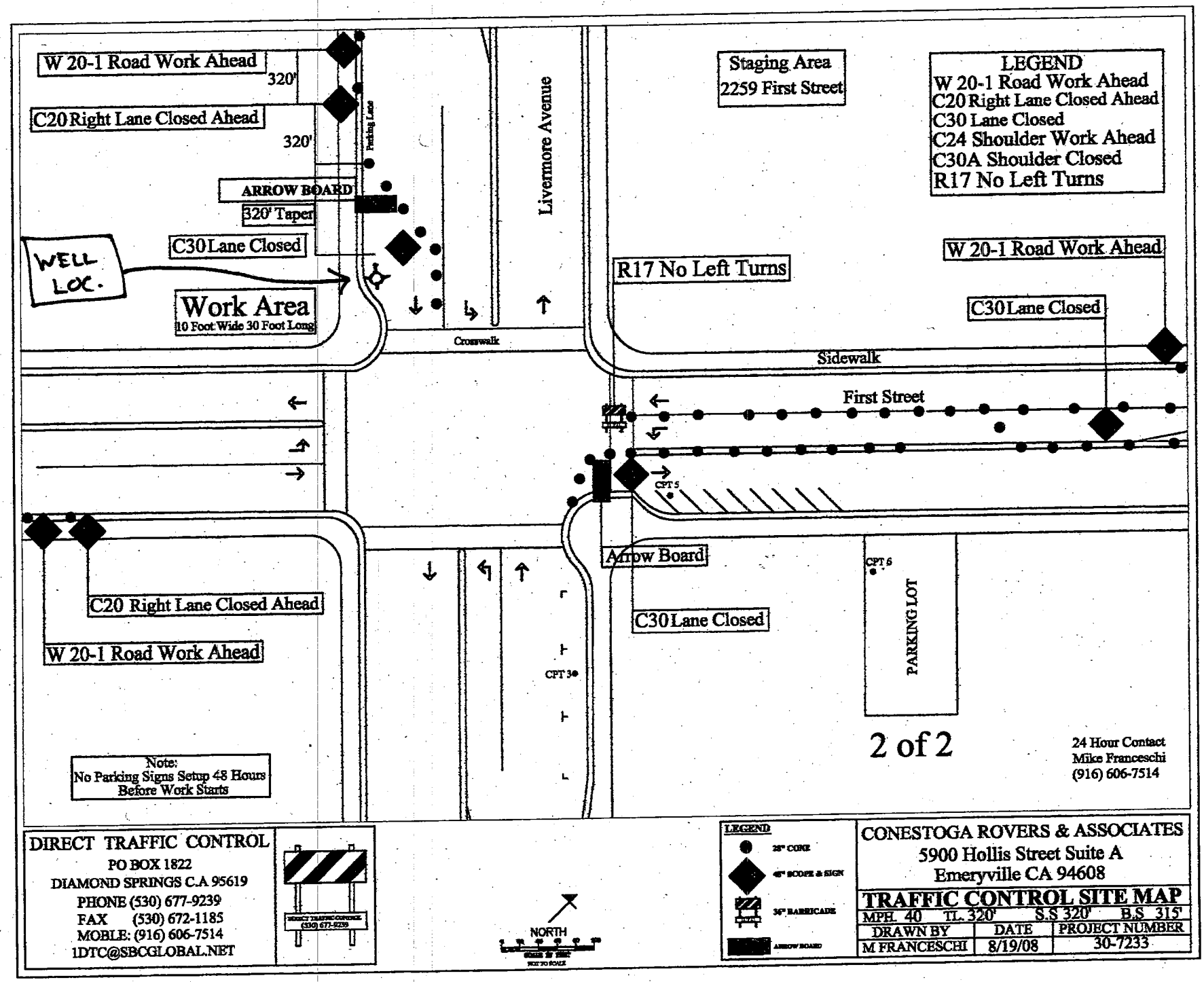
TRAFFIC CONTROL SITE MAP

MPH 40 TL 320' S.S 320' B.S 315'

DRAWN BY	DATE	PROJECT NUMBER
M FRANCESCHI	8/19/08	30-7233



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PO BOX 1822
DIAMOND SPRINGS C.A 95619
PHONE (530) 677-9239
FAX (530) 672-1185
MOBLE: (916) 606-7514
1DTC@SBCGLOBAL.NET

LEGEND
28" CONE
48" SCOPE & SIGN
36" BARRICADE
ARROW BOARD

CONESTOGA ROVERS & ASSOCIATES
5900 Hollis Street Suite A
Emeryville CA 94608

TRAFFIC CONTROL SITE MAP

MPH 40	TL 320'	S.S 320'	B.S 315'
DRAWN BY	DATE	PROJECT NUMBER	
M FRANCESCHI	8/19/08	30-7233	

CITY OF LIVERMORE, CA

RECVD BY: C ARCHER E1000011164
PAYOR: CONESTOGA ROVERS
TODAY'S DATE: 03/10/10
REGISTER DATE: 03/10/10 TIME: 11:54

DESCRIPTION	AMOUNT
PUB WORKS-INSPECTION F	$1,542.00
CUST ID: EN100046	
2016 PUB WORKS-INSPECTION FEES	
001-35350	
STREET & CURB PERMITS	$90.00
CUST ID: EN100046	
2022 STREET & CURB PERMITS	
001-31300	
TOTAL DUE:	$1,632.00

TENDERED: $1,632.00
CHANGE: $.00
CHECK : $700.00
REF NUM: 10891
CHECK : $932.00
REF NUM: 10892

ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY, LIVERMORE, CALIFORNIA 94551 VOICE (925) 454-5000 FAX (925) 245-9306
E-MAIL whong@zone7water.com

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 2259 FIRST ST. LIVERMORE CA

Coordinates Source _____ ft. Accuracy _____ ft.
LAT: _____ ft. LONG: _____ ft.
APN _____

CLIENT
Name CHEVRON ENVIRONMENTAL CO.
Address 6111 BOLLINGER CANYON Phone 925-842-5005
City SAN RAMON Zip 94583

APPLICANT
Name CONESTOGA ROVERS AND ASSOCIATES
Email byitru@craworld.com Fax 510 420 9170
Address 5900 HOLLIS ST. SUITE A Phone 510 420 3356
City EMERYVILLE Zip 94608

TYPE OF PROJECT:

Well Construction	X	Geotechnical Investigation	9
Well Destruction	9	Contamination Investigation	9
Cathodic Protection	9	Other _____	9

PROPOSED WELL USE:

Domestic	9	Irrigation	9
Municipal	9	Remediation	9
Industrial	9	Groundwater Monitoring	X
Dewatering	9	Other _____	9

DRILLING METHOD:

Mud Rotary	9	Air Rotary	9	Hollow Stem Auger	X
Cable Tool	9	Direct Push	9	Other _____	9

DRILLING COMPANY GREGG DRILLING AND TESTING
DRILLER'S LICENSE NO. C-57# 485165
WELL SPECIFICATIONS: SEE ATTACHMENT
Drill Hole Diameter 8 in. Maximum Depth 60 ft.
Casing Diameter 2 in.
Surface Seal Depth 31-50 ft. Number 10

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

ESTIMATED STARTING DATE 4-5-2010
ESTIMATED COMPLETION DATE 4-9-2010

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

APPLICANT'S SIGNATURE _____ Date 3-19-2010

ATTACH SITE PLAN OR SKETCH

PERMIT NUMBER 2010022
WELL NUMBER 3S/2E-9N21 to 9N30 (MW-1 to MW-10)
APN 097-0110-005-03

PERMIT CONDITIONS
(Circled Permit Requirements Apply)

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to your proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original **Department of Water Resources Water Well Drillers Report (DWR Form 188), signed by the driller.**
3. Permit is void if project not begun within 90 days of approval date.

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

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

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

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

F. WELL DESTRUCTION. See attached.

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

Approved Wyman Hong Date 3/25/10
Wyman Hong

Revised: April 23, 2008

APPENDIX E

STANDARD FIELD PROCEDURES FOR MONITORING WELL INSTALLATION

STANDARD FIELD PROCEDURES FOR MONITORING WELL INSTALLATION

This document presents standard field methods for drilling and sampling soil borings and installing, developing and sampling groundwater monitoring wells. These procedures are designed to comply with Federal, State and local regulatory guidelines. Specific field procedures are summarized below.

SOIL BORINGS

Objectives: Soil samples are collected to characterize subsurface lithology, assess whether the soils exhibit obvious hydrocarbon or other compound vapor or staining, and to collect samples for analysis at a State-certified laboratory. All borings are logged using the Unified Soil Classification System by a trained geologist working under the supervision of a California Professional Geologist (P.G.) or Professional Engineer (P.E.).

Soil Boring and Sampling: Soil borings are typically drilled using hollow-stem augers or direct-push technologies such as the Geoprobe®. Soil samples are collected at least every five feet to characterize the subsurface sediments and for possible chemical analysis. Additional soil samples are collected near the water table and at lithologic changes. Samples are collected using lined split-barrel or equivalent samplers driven into undisturbed sediments at the bottom of the borehole.

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

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

Field Screening: One of the remaining tubes is partially emptied leaving about one-third of the soil in the tube. The tube is capped with plastic end caps and set aside to allow hydrocarbons to volatilize from the soil. After 10 to 15 minutes, a portable volatile vapor analyzer measures volatile hydrocarbon vapor concentrations in the tube headspace, extracting the vapor through a slit in the cap. Volatile vapor analyzer measurements are used along with the field observations, odors, stratigraphy and groundwater depth to select soil samples for analysis.

Water Sampling: Water samples, if they are collected from the boring, are either collected using a driven Hydropunch® type sampler or are collected from the open borehole using bailers. The groundwater samples are decanted into the appropriate containers supplied by the analytic laboratory. Samples are labeled, placed in protective foam sleeves, stored on crushed ice at or below 4°C, and transported under chain-of-custody to the laboratory. Laboratory-supplied trip blanks accompany the samples and are analyzed to check for cross-contamination. An equipment blank may be analyzed if non-dedicated sampling equipment is used.

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

MONITORING WELL INSTALLATION, DEVELOPMENT AND SAMPLING

Well Construction and Surveying: Groundwater monitoring wells are installed to monitor groundwater quality and determine the groundwater elevation, flow direction and gradient. Well depths and screen lengths are based on groundwater depth, occurrence of hydrocarbons or other compounds in the borehole, stratigraphy and State and local regulatory guidelines. Well screens typically extend 10 to 15 feet below and 5 feet above the static water level at the time of drilling. However, the well screen will generally not extend into or through a clay layer that is at least three feet thick.

Well casing and screen are flush-threaded, Schedule 40 PVC. Screen slot size varies according to the sediments screened, but slots are generally 0.010 or 0.020 inches wide. A rinsed and graded sand occupies the annular space between the boring and the well screen to about one to two feet above the well screen. A two feet thick hydrated bentonite seal separates the sand from the overlying sanitary surface seal composed of Portland type I,II cement.

Well-heads are secured by locking well-caps inside traffic-rated vaults finished flush with the ground surface. A stovepipe may be installed between the well-head and the vault cap for additional security.

The well top-of-casing elevation is surveyed with respect to mean sea level and the well is surveyed for horizontal location with respect to an onsite or nearby offsite landmark.

Well Development: Wells are generally developed using a combination of groundwater surging and extraction. Surging agitates the groundwater and dislodges fine sediments from the sand pack. After about ten minutes of surging, groundwater is extracted from the well using bailing, pumping and/or reverse air-lifting through an eductor pipe to remove the sediments from the well. Surging and extraction continue until at least ten well-casing volumes of groundwater are extracted and the sediment volume in the groundwater is negligible. This process usually occurs prior to installing the sanitary surface seal to ensure sand pack stabilization. If development occurs after surface seal installation, then development occurs 24 to 72 hours after seal installation to ensure that the Portland cement has set up correctly.

All equipment is steam-cleaned prior to use and air used for air-lifting is filtered to prevent oil entrained in the compressed air from entering the well. Wells that are developed using air-lift evacuation are not sampled until at least 24 hours after they are developed.

Groundwater Sampling: Depending on local regulatory guidelines, three to four well-casing volumes of groundwater are purged prior to sampling. Purging continues until groundwater pH, conductivity, and temperature have stabilized. Groundwater samples are collected using bailers or pumps and are decanted into the appropriate containers supplied by the analytic laboratory. Samples are labeled, placed in protective foam sleeves, stored on crushed ice at or below 4^{o}C, and transported under chain-of-custody to the laboratory. Laboratory-supplied trip blanks accompany the samples and are analyzed to check for cross-contamination. An equipment blank may be analyzed if non-dedicated sampling equipment is used.

Waste Handling and Disposal: Soil cuttings from drilling activities are usually stockpiled onsite and covered by plastic sheeting. At least three individual soil samples are collected from the stockpiles and composited at the analytic laboratory. The composite sample is analyzed for the same constituents analyzed in the borehole samples in addition to any analytes required by the receiving disposal facility. Soil cuttings are transported by licensed waste haulers and disposed in secure, licensed facilities based on the composite analytic results.

Groundwater removed during development and sampling is typically stored onsite in sealed 55-gallon drums. Each drum is labeled with the drum number, date of generation, suspected contents, generator identification and consultant contact. Upon receipt of analytic results, the water is either pumped out using a vacuum truck for transport to a licensed waste treatment/disposal facility or the individual drums are picked up and transported to the waste facility where the drum contents are removed and appropriately disposed of appropriately.

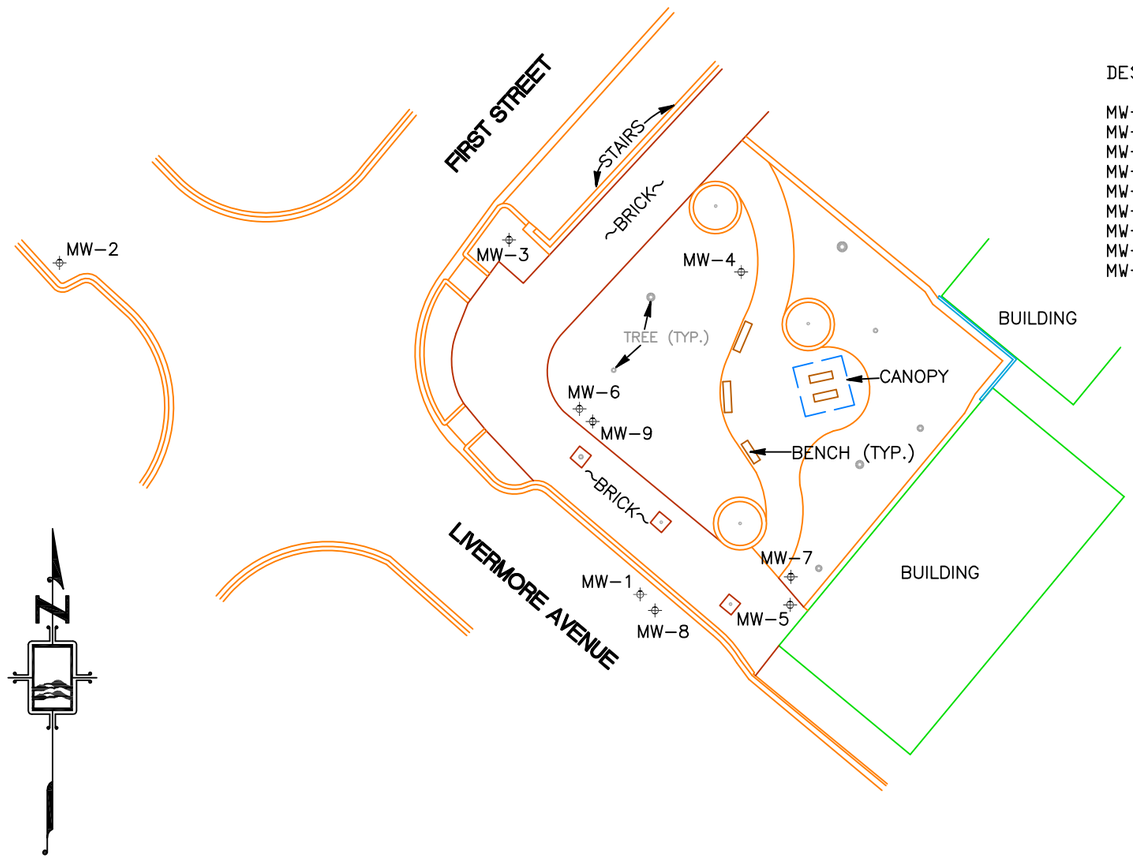
APPENDIX F

WELL SURVEY DATA

Monitoring Well Exhibit

Prepared For:

Conestoga-Rovers and Associates



DESCRIPTION	NORTHING	EASTING	LATITUDE	LONGITUDE	ELEV (PVC)	ELEV (BOX)
MW-1	2073236.4	6194727.9	37.6818804	-121.7680393	490.89	491.19
MW-2	2073325.7	6194571.5	37.6821198	-121.7685841	489.43	490.08
MW-3	2073331.9	6194692.6	37.6821414	-121.7681659	490.38	490.63
MW-4	2073323.2	6194755.2	37.6821199	-121.7679493	492.27	492.57
MW-5	2073233.5	6194768.3	37.6818741	-121.7678996	491.99	492.41
MW-6	2073286.3	6194711.6	37.6820170	-121.7680982	491.52	491.89
MW-7	2073241.1	6194768.5	37.6818949	-121.7678992	492.29	492.69
MW-8	2073232.0	6194731.9	37.6818687	-121.7680253	490.86	491.30
MW-9	2073282.9	6194715.2	37.6820078	-121.7680857	491.64	491.98

BASIS OF COORDINATES AND ELEVATIONS:

COORDINATES ARE CALIFORNIA STATE PLANE ZONE 3 COORDINATES FROM GPS OBSERVATIONS USING CSDS VIRTUAL SURVEY NETWORK.

COORDINATE DATUM IS NAD 83.

REFERENCE GEOID IS GEOID03.

VERTICAL DATUM IS NAVD 88 FROM GPS OBSERVATIONS.

0 20 40 80 120

SCALE IN FEET

Former Texaco (Chevron Site 30-7233)
2259 First St.
Livermore
Alameda County
California

Morrow Surveying
LAND SURVEYORS

1255 Starboard Drive
West Sacramento
California 95691
(916) 372-8124
mark@morrowsurveying.com

Date: 4-21-10
Scale: 1"=40'
Sheet 1 of 1
Revised:
Field Book: MW-51
Dwg. No. 0857-156 MAM

APPENDIX G

SOIL LABORATORY ANALYTICAL REPORT

Lancaster Laboratories

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

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

April 07, 2010

Project: 307233

Samples arrived at the laboratory on Wednesday, March 31, 2010. The PO# for this group is 0015060774 and the release number is ROBB. The group number for this submittal is 1188324.

Client Sample Description	Lancaster Labs (LLI) #
MW-1-S-4-100329 Composite Soil	5941796
MW-3-S-5-100330 Composite Soil	5941797
MW-4-S-5-100330 Composite Soil	5941798

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO	Chevron	Attn: CRA EDD
ELECTRONIC COPY TO	CRA	Attn: Brandon Wilken
ELECTRONIC COPY TO	CRA	Attn: Ian Hull

Lancaster Laboratories

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

Analysis Report

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

Respectfully Submitted,

Marla S. Lord
Senior Specialist

Lancaster Laboratories

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

Analysis Report

Sample Description: MW-1-S-4-100329 Composite Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-1

LLI Sample # SW 5941796
LLI Group # 1188324
CA

Project Name: 307233

Collected: 03/29/2010 15:05 by IH

Account Number: 10880

Submitted: 03/31/2010 09:05
Reported: 04/07/2010 at 12:41
Discard: 05/08/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

72331

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.93
10950	Ethylbenzene	100-41-4	N.D.	0.0009	0.005	0.93
10950	Toluene	108-88-3	N.D.	0.0009	0.005	0.93
10950	Xylene (Total)	1330-20-7	N.D.	0.0009	0.005	0.93
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1.0	1.0	25.03
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	A100913AA	04/02/2010 08:50	Holly Berry	0.93
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009120720	04/01/2010 09:04	Larry E Bevins	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009120720	04/01/2010 09:04	Larry E Bevins	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009120720	04/01/2010 09:05	Larry E Bevins	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10089A16B	04/02/2010 15:58	Elizabeth J Marin	25.03
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009120720	04/01/2010 09:05	Larry E Bevins	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100910022A	04/05/2010 17:59	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100910022B	04/03/2010 07:59	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100910022A	04/02/2010 08:00	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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

Analysis Report

Sample Description: MW-1-S-4-100329 Composite Soil **LLI Sample # SW 5941796**
Facility# 307233 CRAW **LLI Group # 1188324**
2259 First St-Livermore T0600196622 MW-1 **CA**

Project Name: 307233

Collected: 03/29/2010 15:05 by IH

Account Number: 10880

Submitted: 03/31/2010 09:05
Reported: 04/07/2010 at 12:41
Discard: 05/08/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

72331

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100910022B	04/02/2010 08:00	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-3-S-5-100330 Composite Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-3

LLI Sample # SW 5941797
LLI Group # 1188324
CA

Project Name: 307233

Collected: 03/30/2010 10:40 by IH

Account Number: 10880

Submitted: 03/31/2010 09:05
Reported: 04/07/2010 at 12:41
Discard: 05/08/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

72333

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.08
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.08
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.08
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.08
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1.0	1.0	25.41
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	8.8	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	A100913AA	04/02/2010 09:12	Holly Berry	1.08
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009120720	04/01/2010 09:07	Larry E Bevins	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009120720	04/01/2010 09:08	Larry E Bevins	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009120720	04/01/2010 09:08	Larry E Bevins	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10089A16B	04/02/2010 16:36	Elizabeth J Marin	25.41
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009120720	04/01/2010 09:09	Larry E Bevins	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100910022A	04/05/2010 19:34	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100910022B	04/03/2010 09:22	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100910022A	04/02/2010 08:00	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-3-S-5-100330 Composite Soil **LLI Sample # SW 5941797**
Facility# 307233 CRAW **LLI Group # 1188324**
2259 First St-Livermore T0600196622 MW-3 **CA**

Project Name: 307233

Collected: 03/30/2010 10:40 by IH

Account Number: 10880

Submitted: 03/31/2010 09:05
Reported: 04/07/2010 at 12:41
Discard: 05/08/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

72333

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100910022B	04/02/2010 08:00	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-4-S-5-100330 Composite Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-4

LLI Sample # SW 5941798
LLI Group # 1188324
CA

Project Name: 307233

Collected: 03/30/2010 13:10 by IH

Account Number: 10880

Submitted: 03/31/2010 09:05
Reported: 04/07/2010 at 12:41
Discard: 05/08/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

72334

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.02
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.02
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.02
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.02
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.98
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.						
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	A100913AA	04/02/2010 09:34	Holly Berry	1.02
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009120720	04/01/2010 09:11	Larry E Bevins	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009120720	04/01/2010 09:10	Larry E Bevins	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009120720	04/01/2010 09:11	Larry E Bevins	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10096A31A	04/06/2010 19:23	Marie D John	24.98
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009120720	04/01/2010 09:12	Larry E Bevins	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100910022A	04/05/2010 19:10	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100910022B	04/03/2010 09:02	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100910022A	04/02/2010 08:00	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-4-S-5-100330 Composite Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-4

LLI Sample # SW 5941798
LLI Group # 1188324
CA

Project Name: 307233

Collected: 03/30/2010 13:10 by IH

Submitted: 03/31/2010 09:05
Reported: 04/07/2010 at 12:41
Discard: 05/08/2010

72334

Account Number: 10880

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100910022B	04/02/2010 08:00	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1188324
Reported: 04/07/10 at 12:41 PM

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**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: A100913AA	Sample number(s): 5941796-5941798								
Benzene	N.D.	0.0005	0.005	mg/kg	101		80-120		
Ethylbenzene	N.D.	0.001	0.005	mg/kg	102		80-120		
Toluene	N.D.	0.001	0.005	mg/kg	103		80-120		
Xylene (Total)	N.D.	0.001	0.005	mg/kg	98		80-120		
Batch number: 10089A16B	Sample number(s): 5941796-5941797								
TPH-GRO N. CA soil C6-C12	N.D.	1.0	1.0	mg/kg	105		67-119		
Batch number: 10096A31A	Sample number(s): 5941798								
TPH-GRO N. CA soil C6-C12	N.D.	1.0	1.0	mg/kg	93	95	67-119	2	30
Batch number: 100910022A	Sample number(s): 5941796-5941798								
Total TPH	N.D.	10.	30	mg/kg	94		72-125		
TPH Motor Oil C16-C36	N.D.	10.	30	mg/kg					
Batch number: 100910022B	Sample number(s): 5941796-5941798								
TPH-DRO soil C10-C28 w/Si Gel	N.D.	4.0	12	mg/kg	97		76-117		

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: A100913AA	Sample number(s): 5941796-5941798 UNSPK: P942473								
Benzene	90	107	55-143	22	30				
Ethylbenzene	90	107	44-141	22	30				
Toluene	91	107	50-146	20	30				
Xylene (Total)	84	101	44-136	22	30				
Batch number: 10089A16B	Sample number(s): 5941796-5941797 UNSPK: P939215								
TPH-GRO N. CA soil C6-C12	110	117	39-118	5	30				
Batch number: 100910022A	Sample number(s): 5941796-5941798 UNSPK: 5941796 BKG: 5941796								
Total TPH	101		49-123			N.D.	N.D.	0 (1)	20
TPH Motor Oil C16-C36						N.D.	N.D.	0 (1)	20
Batch number: 100910022B	Sample number(s): 5941796-5941798 UNSPK: 5941796 BKG: 5941796								
TPH-DRO soil C10-C28 w/Si Gel	90		30-159			N.D.	N.D.	0 (1)	20

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1188324
Reported: 04/07/10 at 12:41 PM

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: VOCs by 8260B - Solid
Batch number: A100913AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5941796	99	98	101	92
5941797	98	97	104	88
5941798	98	99	102	96
Blank	98	95	102	94
LCS	100	99	103	102
MS	99	100	104	101
MSD	99	99	104	99
Limits:	71-114	70-109	70-123	70-111

Analysis Name: TPH-GRO N. CA soil C6-C12
Batch number: 10089A16B

	Trifluorotoluene-F
5941796	74
5941797	73
Blank	82
LCS	80
MS	79
MSD	82
Limits:	61-122

Analysis Name: TPH-GRO N. CA soil C6-C12
Batch number: 10096A31A

	Trifluorotoluene-F
5941798	74
Blank	85
LCS	85
LCSD	89
Limits:	61-122

Analysis Name: TPH Fuels by GC (Soils)
Batch number: 100910022A

	Chlorobenzene	Orthoterphenyl
5941796	73	92
5941797	91	94
5941798	83	95
Blank	92	95
DUP	77	98
LCS	78	107
MS	85	118
Limits:	49-125	59-129

Analysis Name: TPH-DRO soil C10-C28 w/Si Gel

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1188324
Reported: 04/07/10 at 12:41 PM

Surrogate Quality Control

Batch number: 100910022B

	Orthoterphenyl
5941796	99
5941797	101
5941798	103
Blank	103
DUP	103
LCS	110
MS	109
Limits:	59-129

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: 10880 Sample #: 5941796-98 SCR#: 248698

Ø338186-11

1188324

Facility #: 30-7233 (AIL)
Site Address: 2259 FIRST STREET, LIVERMORE, CA
Chevron PM: JAN ROBB Lead Consultant: CRA
Consultant/Office: EMERYVILLE
Consultant Prj. Mgr.: ~~CHARLOTTE EVANS~~ BRANDON WILKEN
Consultant Phone #: 510-420-0700 Fax #: 510-420-9170
Sampler: JAN HULL
Service Order #: ☐ 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 + ~~8260~~ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420 ☐ 7421 ☐	TPH 8015 MOD Motor oil w/ Silica Gel Cleanup					
MW-1	SOIL	N	4	2010/03/29	1505	Y		X	1	X	X	X				X					
MW-3	SOIL	N	5	2010/03/30	1040	Y		X	1	X	X	X				X					
MW-4	SOIL	N	5	2010/03/30	1310	Y		X	1	X	X	X				X					

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
EMAIL RESULTS TO
bwilken@craworld.com
jhull
EDF DATA TO
dohare@craworld.com

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

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

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	2010/03/30	1615	[signature]	3/30/10	1615
[signature]	3/30/10	1638	FED EX		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	3/31/10	0900

Temperature Upon Receipt 4-2 C°
Custody Seals Intact? Yes No

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppb parts per billion

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

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

April 14, 2010

Project: 307233

Samples arrived at the laboratory on Monday, April 05, 2010. The PO# for this group is 0015060774 and the release number is ROBB. The group number for this submittal is 1188837.

Client Sample Description	Lancaster Labs (LLI) #
MW-5-S-5-100331 Composite Soil	5945346
MW-6-S-5-100401 Composite Soil	5945347

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO	Chevron	Attn: CRA EDD
ELECTRONIC COPY TO	CRA	Attn: Ian Hull
ELECTRONIC COPY TO	CRA	Attn: Kiersten Hoey

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Analysis Report

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

Respectfully Submitted,

Susan M. Goshert
Group Leader

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5-S-5-100331 Composite Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5945346
LLI Group # 1188837
CA

Project Name: 307233

Collected: 03/31/2010 10:25 by IH

Account Number: 10880

Submitted: 04/05/2010 09:00
Reported: 04/14/2010 at 15:19
Discard: 05/15/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FSL05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1
10950	Toluene	108-88-3	N.D.	0.001	0.005	1
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.78
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	130	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	130	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	42	8.0	24	2

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B100982AA	04/09/2010 04:42	Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009620758	04/06/2010 08:41	Larry E Bevins	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009620758	04/06/2010 08:42	Larry E Bevins	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009620758	04/06/2010 08:41	Larry E Bevins	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10096A31B	04/08/2010 12:46	Elizabeth J Marin	24.78
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009620758	04/06/2010 08:41	Larry E Bevins	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100970014A	04/12/2010 23:49	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100970015A	04/14/2010 11:52	Melissa McDermott	2
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100970014A	04/08/2010 15:20	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-5-S-5-100331 Composite Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5945346
LLI Group # 1188837
CA

Project Name: 307233

Collected: 03/31/2010 10:25 by IH

Submitted: 04/05/2010 09:00
Reported: 04/14/2010 at 15:19
Discard: 05/15/2010

FSL05

Account Number: 10880

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100970015A	04/08/2010 15:20	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-6-S-5-100401 Composite Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-6

LLI Sample # SW 5945347
LLI Group # 1188837
CA

Project Name: 307233

Collected: 04/01/2010 10:30 by IH

Account Number: 10880

Submitted: 04/05/2010 09:00
Reported: 04/14/2010 at 15:19
Discard: 05/15/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FSL06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1
10950	Toluene	108-88-3	N.D.	0.001	0.005	1
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	23.85
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B100982AA	04/09/2010 05:05	Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009620758	04/06/2010 08:41	Larry E Bevins	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009620758	04/06/2010 08:42	Larry E Bevins	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009620758	04/06/2010 08:37	Larry E Bevins	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10096A31B	04/08/2010 13:23	Elizabeth J Marin	23.85
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009620758	04/06/2010 08:37	Larry E Bevins	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100970014A	04/12/2010 23:23	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100970015A	04/09/2010 19:09	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100970014A	04/08/2010 15:20	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-6-S-5-100401 Composite Soil **LLI Sample # SW 5945347**
Facility# 307233 CRAW **LLI Group # 1188837**
2259 First St-Livermore T0600196622 MW-6 **CA**

Project Name: 307233

Collected: 04/01/2010 10:30 by IH

Account Number: 10880

Submitted: 04/05/2010 09:00
Reported: 04/14/2010 at 15:19
Discard: 05/15/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FSL06

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100970015A	04/08/2010 15:20	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1188837
Reported: 04/14/10 at 03:19 PM

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**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: B100982AA	Sample number(s): 5945346-5945347								
Benzene	N.D.	0.0005	0.005	mg/kg	109	109	80-120	0	30
Ethylbenzene	N.D.	0.001	0.005	mg/kg	110	109	80-120	1	30
Toluene	N.D.	0.001	0.005	mg/kg	109	106	80-120	2	30
Xylene (Total)	N.D.	0.001	0.005	mg/kg	110	108	80-120	1	30
Batch number: 10096A31B	Sample number(s): 5945346-5945347								
TPH-GRO N. CA soil C6-C12	N.D.	1.0	1.0	mg/kg	93	95	67-119	2	30
Batch number: 100970014A	Sample number(s): 5945346-5945347								
Total TPH	N.D.	10.	30	mg/kg	92		72-125		
TPH Motor Oil C16-C36	N.D.	10.	30	mg/kg					
Batch number: 100970015A	Sample number(s): 5945346-5945347								
TPH-DRO soil C10-C28 w/Si Gel	N.D.	4.0	12	mg/kg	98		76-117		

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: B100982AA	Sample number(s): 5945346-5945347 UNSPK: P946840								
Benzene	117		55-143						
Ethylbenzene	121		44-141						
Toluene	121		50-146						
Xylene (Total)	120		44-136						
Batch number: 100970014A	Sample number(s): 5945346-5945347 UNSPK: 5945346 BKG: 5945346								
Total TPH	177*		49-123			130	210	42* (1)	20
TPH Motor Oil C16-C36						130	210	42* (1)	20
Batch number: 100970015A	Sample number(s): 5945346-5945347 UNSPK: 5945346 BKG: 5945346								
TPH-DRO soil C10-C28 w/Si Gel	109		30-159			42	64	41* (1)	20

Surrogate Quality Control

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

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1188837
Reported: 04/14/10 at 03:19 PM

Surrogate Quality Control

Analysis Name: VOCs by 8260B - Solid
Batch number: B100982AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5945346	104	102	103	92
5945347	104	101	104	93
Blank	103	102	102	95
LCS	100	100	104	100
LCSD	101	99	104	100
MS	99	105	104	101
Limits:	71-114	70-109	70-123	70-111

Analysis Name: TPH-GRO N. CA soil C6-C12
Batch number: 10096A31B

	Trifluorotoluene-F
5945346	77
5945347	77
Blank	83
LCS	85
LCSD	89
Limits:	61-122

Analysis Name: TPH Fuels by GC (Soils)
Batch number: 100970014A

	Chlorobenzene	Orthoterphenyl
5945346	86	98
5945347	88	97
Blank	89	96
DUP	89	101
LCS	85	104
MS	91	105
Limits:	49-125	59-129

Analysis Name: TPH-DRO soil C10-C28 w/Si Gel
Batch number: 100970015A

	Orthoterphenyl
5945346	102
5945347	103
Blank	105
DUP	102
LCS	110
MS	103
Limits:	59-129

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Chevron California Region Analysis Request/Chain of Custody

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Ø4Ø1 1Ø-14

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Acct. #: 10880 Sample #: 5945346-47 SCR#: 248701

Group# 1188837

Facility #: 36-7233 AIL
Site Address: 2259 FIRST ST., LIVERMORE
Chevron PM: IAN ROBB Lead Consultant: CRA
Consultant/Office: EMERYVILLE
Consultant Prj. Mgr.: KIERSTEN HOEY
Consultant Phone #: 510-420-3347 Fax #: 510-420-9170
Sampler: IAN HULL
Service Order #: ☐ 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 ☐	TPH MOTOR OIL 8015	W/SILICA GEL CLEANUP per Ian Hull 4/6/10			
MW-5	SOIL	N	5	2010/03/31	1025	Y		X	1	X	X	X				X				
MW-6	SOIL	N	5	2010/04/01	1030	Y		X	1	X	X	X				X				

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
EMAIL TO khoey ihull
EDF DATA TO dohare
ALL @craworld.com

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

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

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	2010/04/01	1705	A. Salazar [signature]	Ø1APR1Ø	1705
A. Salazar [signature]	Ø2 APR 1Ø	1630	FED EX		
Relinquished by Commercial Carrier: UPS (FedEx) Other ____			Received by: [signature]	4/5/10	900
Temperature Upon Receipt 2.1-4.5 C°			Custody Seals Intact? (Yes) No		

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppb parts per billion

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

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

April 22, 2010

Project: 307233

Submittal Date: 04/10/2010
Group Number: 1189889
PO Number: 0015060774
Release Number: ROBB
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LLI) #
MW-1-S-9.5-100407 Grab Soil	5951320
MW-1-S-14.5-100407 Grab Soil	5951321
MW-1-S-19.5-100407 Grab Soil	5951322
MW-1-S-24.5-100407 Grab Soil	5951323
MW-1-S-29.5-100407 Grab Soil	5951324
MW-1-S-34.5-100407 Grab Soil	5951325
MW-1-S-39.5-100407 Grab Soil	5951326
MW-1-S-44.5-100407 Grab Soil	5951327
MW-1-S-49.5-100407 Grab Soil	5951328
MW-1-S-54.5-100407 Grab Soil	5951329
MW-1-S-59.5-100407 Grab Soil	5951330
MW-5-S-9.5-100408 Grab Soil	5951331
MW-5-S-14.5-100408 Grab Soil	5951332
MW-5-S-19.5-100408 Grab Soil	5951333
MW-5-S-24.5-100408 Grab Soil	5951334
MW-5-S-29.5-100408 Grab Soil	5951335
MW-5-S-34.5-100408 Grab Soil	5951336
MW-5-S-39.5-100408 Grab Soil	5951337
MW-5-S-44.5-100408 Grab Soil	5951338
MW-5-S-49.5-100408 Grab Soil	5951339
MW-5-S-54.5-100408 Grab Soil	5951340
MW-5-S-59.5-100408 Grab Soil	5951341

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Lancaster Laboratories

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Analysis Report

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ELECTRONIC COPY TO	CRA	Attn: Ian Hull
ELECTRONIC COPY TO	CRA	Attn: Kiersten Hoey

Questions? Contact your Client Services Representative
Angela M Miller at (717) 656-2300 Ext. 1903

Respectfully Submitted,

Christine Dulaney
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: MW-1-S-9.5-100407 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-1

LLI Sample # SW 5951320
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/07/2010 08:45 by IH

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL109

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.01
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.01
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.01
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.01
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	23.9
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101031AA	04/13/2010 14:51	Matthew S Woods	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 18:25	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010220805	04/12/2010 18:25	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 17:20	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10103A34A	04/13/2010 21:13	Marie D John	23.9
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010220805	04/12/2010 17:22	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101020023A	04/14/2010 07:08	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101020023B	04/15/2010 14:50	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101020023A	04/13/2010 09:30	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101020023B	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-1-S-14.5-100407 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-1

LLI Sample # SW 5951321
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/07/2010 08:50 by IH

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL114

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.95
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.95
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.95
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.95
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1.0	1.0	25.41
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101031AA	04/13/2010 15:13	Matthew S Woods	0.95
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 18:25	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010220805	04/12/2010 18:25	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 17:30	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10103A34A	04/13/2010 21:49	Marie D John	25.41
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010220805	04/12/2010 17:31	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101020023A	04/14/2010 07:33	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101020023B	04/15/2010 15:11	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101020023A	04/13/2010 09:30	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101020023B	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-1-S-19.5-100407 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-1

LLI Sample # SW 5951322
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/07/2010 08:55 by IH

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL119

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1
10950	Toluene	108-88-3	N.D.	0.001	0.005	1
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.9	0.9	23.58
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101031AA	04/13/2010 15:36	Matthew S Woods	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 18:25	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010220805	04/12/2010 18:25	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 17:42	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10103A34A	04/13/2010 22:25	Marie D John	23.58
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010220805	04/12/2010 17:44	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101020023A	04/14/2010 07:58	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101020023B	04/15/2010 15:32	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101020023A	04/13/2010 09:30	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101020023B	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-1-S-24.5-100407 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-1

LLI Sample # SW 5951323
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/07/2010 09:00 by IH

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL124

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.02
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.02
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.02
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.02
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	23.99
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101031AA	04/13/2010 15:58	Matthew S Woods	1.02
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 18:25	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010220805	04/12/2010 18:25	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 17:53	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10103A34A	04/13/2010 23:01	Marie D John	23.99
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010220805	04/12/2010 17:54	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101020023A	04/14/2010 08:23	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101020023B	04/15/2010 15:52	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101020023A	04/13/2010 09:30	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101020023B	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-1-S-29.5-100407 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-1

LLI Sample # SW 5951324
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/07/2010 09:10 by IH

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL129

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.025	0.25	49.12
10950	Ethylbenzene	100-41-4	N.D.	0.049	0.25	49.12
10950	Toluene	108-88-3	N.D.	0.049	0.25	49.12
10950	Xylene (Total)	1330-20-7	N.D.	0.049	0.25	49.12
	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.					
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	310	42	42	1044.93
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	31	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	Q101041AA	04/14/2010 15:04	Kerri E Koch	49.12
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 18:25	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010220805	04/12/2010 18:25	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 18:06	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10103A34B	04/14/2010 20:38	Carrie E Miller	1044.93
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010220805	04/12/2010 18:07	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101020023A	04/14/2010 08:48	Heather E Williams	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-1-S-29.5-100407 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-1

LLI Sample # SW 5951324
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/07/2010 09:10 by IH

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

FL129

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101020023B	04/15/2010 22:07	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101020023A	04/13/2010 09:30	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101020023B	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-1-S-34.5-100407 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-1

LLI Sample # SW 5951325
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/07/2010 09:15 by IH

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL134

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	0.0005	0.0005	0.005	1.01
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.01
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.01
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.01
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1.0	1.0	25.25
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101031AA	04/13/2010 16:20	Matthew S Woods	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 18:25	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010220805	04/12/2010 18:25	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 18:16	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10103A34A	04/13/2010 23:37	Marie D John	25.25
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010220805	04/12/2010 18:17	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101020023A	04/14/2010 09:13	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101020023B	04/15/2010 17:16	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101020023A	04/13/2010 09:30	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101020023B	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-1-S-39.5-100407 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-1

LLI Sample # SW 5951326
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/07/2010 09:20 by IH

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL139

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.02
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.02
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.02
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.02
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	6.8	1	1	24.3
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101031AA	04/13/2010 17:06	Matthew S Woods	1.02
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 21:22	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010220805	04/12/2010 21:22	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 19:30	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10103A34A	04/14/2010 00:13	Marie D John	24.3
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010220805	04/12/2010 19:30	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101020023A	04/14/2010 09:38	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101020023B	04/15/2010 17:36	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101020023A	04/13/2010 09:30	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101020023B	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-1-S-44.5-100407 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-1

LLI Sample # SW 5951327
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/07/2010 09:30 by IH

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL144

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.96
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.96
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.96
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.96
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	5.0	1	1	24.73
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101031AA	04/13/2010 17:28	Matthew S Woods	0.96
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 21:22	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010220805	04/12/2010 21:22	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 19:39	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10103A34B	04/14/2010 15:50	Carrie E Miller	24.73
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010220805	04/12/2010 19:40	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101020023A	04/14/2010 10:03	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101020023B	04/15/2010 17:57	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101020023A	04/13/2010 09:30	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101020023B	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-1-S-49.5-100407 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-1

LLI Sample # SW 5951328
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/07/2010 09:35 by IH

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL149

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.99
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.99
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.99
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.99
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.41
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101031AA	04/13/2010 17:51	Matthew S Woods	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 21:22	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010220805	04/12/2010 21:22	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 19:47	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10103A34B	04/14/2010 16:26	Carrie E Miller	24.41
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010220805	04/12/2010 19:48	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101020023A	04/14/2010 10:28	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101020023B	04/15/2010 18:18	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101020023A	04/13/2010 09:30	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101020023B	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-1-S-54.5-100407 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-1

LLI Sample # SW 5951329
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/07/2010 09:45 by IH

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL154

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1
10950	Toluene	108-88-3	N.D.	0.001	0.005	1
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.9	0.9	23.39
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101031AA	04/13/2010 18:13	Matthew S Woods	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 21:22	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010220805	04/12/2010 21:22	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 19:57	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10103A34B	04/14/2010 17:02	Carrie E Miller	23.39
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010220805	04/12/2010 19:58	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101020023A	04/14/2010 10:53	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101020023B	04/15/2010 18:39	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101020023A	04/13/2010 09:30	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101020023B	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-1-S-59.5-100407 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-1

LLI Sample # SW 5951330
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/07/2010 09:55 by IH

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL159

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.92
10950	Ethylbenzene	100-41-4	N.D.	0.0009	0.005	0.92
10950	Toluene	108-88-3	N.D.	0.0009	0.005	0.92
10950	Xylene (Total)	1330-20-7	N.D.	0.0009	0.005	0.92
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.9
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101032AA	04/14/2010 01:23	Kristen D Pelliccia	0.92
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 21:22	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010220805	04/12/2010 21:22	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 20:08	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10103A34B	04/14/2010 17:38	Carrie E Miller	24.9
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010220805	04/12/2010 20:10	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101020023A	04/14/2010 11:18	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101020023B	04/15/2010 18:59	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101020023A	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-1-S-59.5-100407 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-1

LLI Sample # SW 5951330
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/07/2010 09:55 by IH

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL159

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101020023B	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5-S-9.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951331
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 08:40 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL509

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.07
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.07
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.07
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.07
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.83
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101032AA	04/14/2010 01:45	Kristen D Pelliccia	1.07
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 21:23	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010220805	04/12/2010 21:23	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 20:24	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10103A34B	04/14/2010 18:14	Carrie E Miller	24.83
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010220805	04/12/2010 20:25	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101020023A	04/14/2010 11:43	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101020023B	04/15/2010 22:28	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101020023A	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5-S-9.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951331
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 08:40 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL509

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101020023B	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5-S-14.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951332
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 08:50 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.01
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.01
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.01
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.01
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	23.95
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101051AA	04/15/2010 19:37	Nicholas P Riehl	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 21:23	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010220805	04/12/2010 21:23	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	3	201010420821	04/14/2010 08:36	Stephanie A Sanchez	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	4	201010420821	04/14/2010 08:35	Stephanie A Sanchez	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 20:30	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10103A34B	04/14/2010 18:50	Carrie E Miller	23.95
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010220805	04/12/2010 20:31	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101020023A	04/14/2010 12:08	Heather E Williams	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5-S-14.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951332
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 08:50 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL514

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101020023B	04/15/2010 19:41	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101020023A	04/13/2010 09:30	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101020023B	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-5-S-19.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951333
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 08:55 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL519

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	0.001	0.0005	0.005	0.91
10950	Ethylbenzene	100-41-4	N.D.	0.0009	0.005	0.91
10950	Toluene	108-88-3	N.D.	0.0009	0.005	0.91
10950	Xylene (Total)	1330-20-7	N.D.	0.0009	0.005	0.91
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.06
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101032AA	04/14/2010 05:53	Kristen D Pelliccia	0.91
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 21:23	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010220805	04/12/2010 21:23	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 20:39	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10103A34B	04/14/2010 19:26	Carrie E Miller	24.06
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010220805	04/12/2010 20:40	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101020023A	04/14/2010 12:32	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101020023B	04/15/2010 20:02	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101020023A	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-5-S-19.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951333
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 08:55 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL519

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101020023B	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5-S-24.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951334
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 09:05 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL524

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.026	0.26	52.74
10950	Ethylbenzene	100-41-4	N.D.	0.053	0.26	52.74
10950	Toluene	108-88-3	N.D.	0.053	0.26	52.74
10950	Xylene (Total)	1330-20-7	N.D.	0.053	0.26	52.74
	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.					
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	150	38	38	949.67
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	5.9	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	Q101041AA	04/14/2010 15:27	Kerri E Koch	52.74
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 21:23	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010220805	04/12/2010 21:23	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010220805	04/12/2010 20:49	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10103A34B	04/15/2010 09:35	Carrie E Miller	949.67
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010220805	04/12/2010 20:50	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101020023A	04/14/2010 12:57	Heather E Williams	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5-S-24.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951334
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 09:05 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL524

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101020023B	04/15/2010 22:49	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101020023A	04/13/2010 09:30	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101020023B	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-5-S-29.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951335
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 09:10 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL529

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	0.003	0.0005	0.005	1.01
10950	Ethylbenzene	100-41-4	0.038	0.001	0.005	1.01
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.01
10950	Xylene (Total)	1330-20-7	0.022	0.001	0.005	1.01
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	18	2.0	2.0	50.81
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	8.1	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101032AA	04/14/2010 06:38	Kristen D Pelliccia	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320808	04/13/2010 09:41	Larry E Bevins	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320808	04/13/2010 09:41	Larry E Bevins	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320808	04/13/2010 08:51	Larry E Bevins	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10103A34B	04/14/2010 20:02	Carrie E Miller	50.81
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320808	04/13/2010 08:52	Larry E Bevins	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101030016B	04/14/2010 23:48	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101030016A	04/15/2010 09:03	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101030016A	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5-S-29.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951335
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 09:10 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL529

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101030016B	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5-S-34.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951336
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 09:25 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL534

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.023	0.23	46.21
10950	Ethylbenzene	100-41-4	N.D.	0.046	0.23	46.21
10950	Toluene	108-88-3	N.D.	0.046	0.23	46.21
10950	Xylene (Total)	1330-20-7	N.D.	0.046	0.23	46.21
	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.					
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	51	10	10	257.47
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	29	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	Q101051AA	04/15/2010 03:26	Stephanie A Selis	46.21
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320808	04/13/2010 09:41	Larry E Bevins	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320808	04/13/2010 09:41	Larry E Bevins	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320808	04/13/2010 08:58	Larry E Bevins	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10104A16A	04/16/2010 02:59	Marie D John	257.47
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320808	04/13/2010 08:58	Larry E Bevins	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101030016B	04/15/2010 01:03	Heather E Williams	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5-S-34.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951336
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 09:25 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL534

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101030016A	04/15/2010 10:03	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101030016A	04/14/2010 10:25	Olivia I Santiago	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101030016B	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5-S-39.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951337
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 09:30 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL539

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	0.027	0.0005	0.005	1.05
10950	Ethylbenzene	100-41-4	0.004	0.001	0.005	1.05
10950	Toluene	108-88-3	0.002	0.001	0.005	1.05
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.05
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	2.1	1	1	24.46
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101032AA	04/14/2010 02:52	Kristen D Pelliccia	1.05
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320808	04/13/2010 09:41	Larry E Bevins	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320808	04/13/2010 09:41	Larry E Bevins	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320808	04/13/2010 09:03	Larry E Bevins	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10104A16A	04/15/2010 14:03	Marie D John	24.46
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320808	04/13/2010 09:04	Larry E Bevins	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101030016B	04/15/2010 01:28	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101030016A	04/15/2010 10:23	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101030016A	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5-S-39.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951337
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 09:30 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL539

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101030016B	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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

Analysis Report

Sample Description: MW-5-S-44.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951338
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 09:45 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL544

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	0.003	0.0005	0.005	0.99
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.99
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.99
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.99
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1.0	1.0	25.99
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101032AA	04/14/2010 03:15	Kristen D Pelliccia	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320808	04/13/2010 09:41	Larry E Bevins	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320808	04/13/2010 09:41	Larry E Bevins	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320808	04/13/2010 09:09	Larry E Bevins	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10104A16A	04/15/2010 14:41	Marie D John	25.99
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320808	04/13/2010 09:09	Larry E Bevins	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101030016B	04/15/2010 01:54	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101030016A	04/15/2010 10:44	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101030016A	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5-S-44.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951338
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 09:45 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL544

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101030016B	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5-S-49.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951339
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 09:50 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL549

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.01
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.01
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.01
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.01
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.27
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101032AA	04/14/2010 03:38	Kristen D Pelliccia	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320808	04/13/2010 09:41	Larry E Bevins	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320808	04/13/2010 09:41	Larry E Bevins	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320808	04/13/2010 09:20	Larry E Bevins	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10104A16A	04/15/2010 15:19	Marie D John	24.27
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320808	04/13/2010 09:21	Larry E Bevins	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101030016B	04/15/2010 02:19	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101030016A	04/15/2010 11:04	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101030016A	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-5-S-49.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951339
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 09:50 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL549

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101030016B	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5-S-54.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951340
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 10:00 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL554

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	0.0006	0.0005	0.005	1.03
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.03
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.03
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.03
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.34
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101032AA	04/14/2010 04:00	Kristen D Pelliccia	1.03
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320808	04/13/2010 09:41	Larry E Bevins	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320808	04/13/2010 09:41	Larry E Bevins	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320808	04/13/2010 09:26	Larry E Bevins	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10104A16A	04/15/2010 15:56	Marie D John	24.34
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320808	04/13/2010 09:27	Larry E Bevins	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101030016B	04/15/2010 02:44	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101030016A	04/15/2010 11:24	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101030016A	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5-S-54.5-100408 Grab Soil **LLI Sample # SW 5951340**
Facility# 307233 CRAW **LLI Group # 1189889**
2259 First St-Livermore T0600196622 MW-5 **Account # 10880**

Project Name: 307233

Collected: 04/08/2010 10:00 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL554

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101030016B	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5-S-59.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951341
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 10:05 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL559

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.99
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.99
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.99
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.99
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.75
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101032AA	04/14/2010 04:23	Kristen D Pelliccia	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320808	04/13/2010 09:40	Larry E Bevins	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320808	04/13/2010 09:40	Larry E Bevins	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320808	04/13/2010 09:37	Larry E Bevins	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10104A16A	04/15/2010 16:35	Marie D John	24.75
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320808	04/13/2010 09:37	Larry E Bevins	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101030016B	04/15/2010 03:09	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101030016A	04/15/2010 11:44	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101030016A	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5-S-59.5-100408 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-5

LLI Sample # SW 5951341
LLI Group # 1189889
Account # 10880

Project Name: 307233

Collected: 04/08/2010 10:05 by BY

Submitted: 04/10/2010 10:00
Reported: 04/22/2010 12:53
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FL559

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101030016B	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1189889
Reported: 04/22/10 at 12:53 PM

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**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: B101031AA	Sample number(s): 5951320-5951323,5951325-5951329								
Benzene	N.D.	0.0005	0.005	mg/kg	110	108	80-120	2	30
Ethylbenzene	N.D.	0.001	0.005	mg/kg	110	108	80-120	2	30
Toluene	N.D.	0.001	0.005	mg/kg	109	106	80-120	3	30
Xylene (Total)	N.D.	0.001	0.005	mg/kg	109	106	80-120	2	30
Batch number: B101032AA	Sample number(s): 5951330-5951331,5951333,5951335,5951337-5951341								
Benzene	N.D.	0.0005	0.005	mg/kg	107	104	80-120	3	30
Ethylbenzene	N.D.	0.001	0.005	mg/kg	108	104	80-120	4	30
Toluene	N.D.	0.001	0.005	mg/kg	108	104	80-120	4	30
Xylene (Total)	N.D.	0.001	0.005	mg/kg	108	104	80-120	4	30
Batch number: B101051AA	Sample number(s): 5951332								
Benzene	N.D.	0.0005	0.005	mg/kg	104	102	80-120	2	30
Ethylbenzene	N.D.	0.001	0.005	mg/kg	104	101	80-120	3	30
Toluene	N.D.	0.001	0.005	mg/kg	103	100	80-120	3	30
Xylene (Total)	N.D.	0.001	0.005	mg/kg	106	103	80-120	3	30
Batch number: Q101041AA	Sample number(s): 5951324,5951334								
Benzene	N.D.	0.025	0.25	mg/kg	102		80-120		
Ethylbenzene	N.D.	0.050	0.25	mg/kg	100		80-120		
Toluene	N.D.	0.050	0.25	mg/kg	103		80-120		
Xylene (Total)	N.D.	0.050	0.25	mg/kg	101		80-120		
Batch number: Q101051AA	Sample number(s): 5951336								
Benzene	N.D.	0.025	0.25	mg/kg	107	103	80-120	3	30
Ethylbenzene	N.D.	0.050	0.25	mg/kg	104	101	80-120	3	30
Toluene	N.D.	0.050	0.25	mg/kg	106	104	80-120	2	30
Xylene (Total)	N.D.	0.050	0.25	mg/kg	104	102	80-120	2	30
Batch number: 10103A34A	Sample number(s): 5951320-5951323,5951325-5951326								
TPH-GRO N. CA soil C6-C12	N.D.	1.0	1.0	mg/kg	85	84	67-119	2	30
Batch number: 10103A34B	Sample number(s): 5951324,5951327-5951335								
TPH-GRO N. CA soil C6-C12	N.D.	1.0	1.0	mg/kg	85	84	67-119	2	30
Batch number: 10104A16A	Sample number(s): 5951336-5951341								
TPH-GRO N. CA soil C6-C12	N.D.	1.0	1.0	mg/kg	101	95	67-119	6	30
Batch number: 101020023A	Sample number(s): 5951320-5951334								
Total TPH	N.D.	10.	30	mg/kg	94		72-125		
TPH Motor Oil C16-C36	N.D.	10.	30	mg/kg					
Batch number: 101030016B	Sample number(s): 5951335-5951341								
Total TPH	N.D.	10.	30	mg/kg	95		72-125		
TPH Motor Oil C16-C36	N.D.	10.	30	mg/kg					

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1189889
Reported: 04/22/10 at 12:53 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 101020023B	Sample number(s): 5951320-5951334								
TPH-DRO soil C10-C28 w/Si Gel	N.D.	4.0	12	mg/kg	97		76-117		
Batch number: 101030016A	Sample number(s): 5951335-5951341								
TPH-DRO soil C10-C28 w/Si Gel	N.D.	4.0	12	mg/kg	97		76-117		

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: B101031AA	Sample number(s): 5951320-5951323,5951325-5951329 UNSPK: P950604								
Benzene	118		55-143						
Ethylbenzene	116		44-141						
Toluene	116		50-146						
Xylene (Total)	114		44-136						
Batch number: B101032AA	Sample number(s): 5951330-5951331,5951333,5951335,5951337-5951341 UNSPK: 5951337								
Benzene	130		55-143						
Ethylbenzene	120		44-141						
Toluene	113		50-146						
Xylene (Total)	116		44-136						
Batch number: B101051AA	Sample number(s): 5951332 UNSPK: P952076								
Benzene	106		55-143						
Ethylbenzene	95		44-141						
Toluene	100		50-146						
Xylene (Total)	97		44-136						
Batch number: Q101041AA	Sample number(s): 5951324,5951334 UNSPK: P947527								
Benzene	100	104	55-143	4	30				
Ethylbenzene	100	105	44-141	5	30				
Toluene	102	107	50-146	5	30				
Xylene (Total)	101	105	44-136	4	30				
Batch number: 101020023A	Sample number(s): 5951320-5951334 UNSPK: P948245 BKG: P948245								
Total TPH	95		49-123			N.D.	N.D.	0 (1)	20
TPH Motor Oil C16-C36						N.D.	N.D.	0 (1)	20
Batch number: 101030016B	Sample number(s): 5951335-5951341 UNSPK: 5951335 BKG: 5951335								
Total TPH	88		49-123			N.D.	N.D.	0 (1)	20
TPH Motor Oil C16-C36						N.D.	N.D.	0 (1)	20
Batch number: 101020023B	Sample number(s): 5951320-5951334 UNSPK: P948245 BKG: P948245								
TPH-DRO soil C10-C28 w/Si Gel	96		30-159			N.D.	N.D.	0 (1)	20
Batch number: 101030016A	Sample number(s): 5951335-5951341 UNSPK: 5951335 BKG: 5951335								
TPH-DRO soil C10-C28 w/Si Gel	84		30-159			8.1	13	48* (1)	20

*- Outside of specification
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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1189889
Reported: 04/22/10 at 12:53 PM

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: VOCs by 8260B - Solid
Batch number: B101031AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5951320	99	97	101	96
5951321	100	99	101	93
5951322	100	99	100	93
5951323	100	99	100	95
5951325	99	99	102	96
5951326	96	97	101	103
5951327	97	98	101	99
5951328	99	96	101	96
5951329	99	98	99	95
Blank	101	105	99	95
LCS	100	104	101	100
LCSD	99	100	101	100
MS	93	102	103	99
Limits:	71-114	70-109	70-123	70-111

Analysis Name: VOCs by 8260B - Solid
Batch number: B101032AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5951330	98	93	102	91
5951331	98	94	102	91
5951333	99	101	101	94
5951335	97	96	107	101
5951337	97	95	103	96
5951338	99	103	101	98
5951339	99	99	100	94
5951340	99	97	101	99
5951341	99	100	102	95
Blank	100	105	100	95
LCS	99	100	103	100
LCSD	98	101	103	100
MS	97	96	102	98
Limits:	71-114	70-109	70-123	70-111

Analysis Name: VOCs by 8260B - Solid
Batch number: B101051AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5951332	100	97	100	94
Blank	101	101	99	94
LCS	99	100	102	100
LCSD	100	103	101	101
MS	100	104	101	100
Limits:	71-114	70-109	70-123	70-111

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1189889
Reported: 04/22/10 at 12:53 PM

Surrogate Quality Control

Analysis Name: VOCs by 8260B - Solid
Batch number: Q101041AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5951324	85	90	115	111
5951334	85	91	94	92
Blank	91	97	97	93
LCS	90	95	95	93
MS	77	79	81	82
MSD	76	79	80	81
Limits:	71-114	70-109	70-123	70-111

Analysis Name: VOCs by 8260B - Solid
Batch number: Q101051AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5951336	80	86	86	84
Blank	92	101	97	95
LCS	94	98	98	94
LCSD	93	97	97	94
Limits:	71-114	70-109	70-123	70-111

Analysis Name: TPH-GRO N. CA soil C6-C12
Batch number: 10103A34A

	Trifluorotoluene-F
5951320	72
5951321	72
5951322	74
5951323	74
5951325	70
5951326	74
Blank	84
LCS	81
LCSD	80
Limits:	61-122

Analysis Name: TPH-GRO N. CA soil C6-C12
Batch number: 10103A34B

	Trifluorotoluene-F
5951324	103
5951327	71
5951328	70
5951329	75
5951330	69
5951331	71
5951332	73
5951333	71
5951334	86
5951335	95
Blank	82
LCS	81
LCSD	80

*- Outside of specification
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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1189889
Reported: 04/22/10 at 12:53 PM

Surrogate Quality Control

Limits: 61-122

Analysis Name: TPH-GRO N. CA soil C6-C12
Batch number: 10104A16A

	Trifluorotoluene-F
5951336	102
5951337	77
5951338	80
5951339	81
5951340	73
5951341	80
Blank	84
LCS	82
LCSD	77
Limits:	61-122

Analysis Name: TPH Fuels by GC (Soils)
Batch number: 101020023A

	Chlorobenzene	Orthoterphenyl
5951320	76	88
5951321	77	91
5951322	80	96
5951323	80	93
5951324	107	99
5951325	78	92
5951326	79	93
5951327	79	89
5951328	76	92
5951329	82	95
5951330	80	95
5951331	75	91
5951332	74	85
5951333	77	94
5951334	77	94
Blank	89	98
DUP	86	96
LCS	89	104
MS	87	101
Limits:	49-125	59-129

Analysis Name: TPH-DRO soil C10-C28 w/Si Gel
Batch number: 101020023B

	Orthoterphenyl
5951320	89
5951321	92
5951322	95
5951323	95
5951324	100
5951325	91
5951326	94
5951327	91
5951328	94
5951329	96

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1189889
Reported: 04/22/10 at 12:53 PM

Surrogate Quality Control

5951330	96
5951331	93
5951332	88
5951333	97
5951334	94
Blank	101
DUP	99
LCS	108
MS	104
Limits:	59-129

Analysis Name: TPH-DRO soil C10-C28 w/Si Gel
Batch number: 101030016A

	Orthoterphenyl
5951335	106
5951336	100
5951337	106
5951338	102
5951339	107
5951340	105
5951341	109
Blank	112
DUP	108
LCS	120
MS	117
Limits:	59-129

Analysis Name: TPH Fuels by GC (Soils)
Batch number: 101030016B

	Chlorobenzene	Orthoterphenyl
5951335	82	95
5951336	127*	95
5951337	83	94
5951338	79	92
5951339	81	96
5951340	77	92
5951341	82	97
Blank	82	101
DUP	129*	100
LCS	85	108
MS	80	108
Limits:	49-125	59-129

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

040910-02 2of2

Acct. #: 10880 For Lancaster Laboratories use only Sample #: 5951320-41 SCR#: 248705

C# 1189889

Facility #: 30-7233 (AIL)
Site Address: 2259 FIRST ST., LIVERMORE, CALIFORNIA
Chevron PM: IAN ROBB Lead Consultant: CRA
Consultant/Office: EMERYVILLE
Consultant Prj. Mgr.: KIERSTEN HOEY
Consultant Phone #: 510-420-3347 Fax #: 510-420-9170
Sampler: IAN HULL
Service Order #: ☐ 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 ☐	TPH 8015 MOTOR OIL W/ SILICA GEL CLEANUP
MW-1	SOIL	NO	9.5	2007/04/07	0845	YES	X		1	X	X	X				X
MW-1			14.5		0850											
MW-1			19.5		0855											
MW-1			24.5		0900											
MW-1			29.5		0910											
MW-1			34.5		0915											
MW-1			39.5		0920											
MW-1			44.5		0930											
MW-1			49.5		0935											
MW-1			54.5		0945											
MW-1			59.5		0955											

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
PLEASE E-MAIL RESULTS TO
khoey
ihull

EDF DATA TO:
dohare
ALL @craworld.com

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

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

	Date	Time		Date	Time
Relinquished by:	20/04/07	1800	Received by: SECURE LOCATION		
Relinquished by:	4/9/2007	11:18AM	Received by:	4/9/07	1118
Relinquished by: APPROX		1630	Received by: FED EX		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	4/10/07	1000
Temperature Upon Receipt 0.0 C°			Custody Seals Intact? Yes No		

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

040910-02 1042

For Lancaster Laboratories use only

Acct. #: 10880 Sample #: 5951320-41 SCR#:

249355

C# 1189889

Facility #: 30-7233
Site Address: 2259 FIRST STREET LIVERMORE CA
Chevron PM: IAN ROBB Lead Consultant: CRA
Consultant/Office: EMERYVILLE
Consultant Prj. Mgr.: BRANDON WILKEN
Consultant Phone #: 510 420 0700 Fax #: 510 420 9170
Sampler: BELEW YIFRU
Service Order #: ☐ 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 ☐	TPH 8015 MOD Motor oil w/ Silica gel cleanup				
MW-S	Soil	NO	9.5	10 4 8	840	Y	X		1	X	X	X				X				
MW-S	↓	↓	14.5	10 4 8	850	Y	X		1	X	X	X				X				
MW-S			19.5	↓	855	Y	X		1	X	X	X				X				
MW-S			24.5		905	Y	X		1	X	X	X				X				
MW-S			29.5		910	Y	X		1	X	X	X				X				
MW-S			34.5		925	Y	X		1	X	X	X				X				
MW-S			39.5		930	Y	X		1	X	X	X				X				
MW-S			44.5		945	Y	X		1	X	X	X				X				
MW-S			49.5		950	Y	X		1	X	X	X				X				
MW-S			54.5		1000	Y	X		1	X	X	X				X				
MW-S	↓	↓	59.5	↓	1005	Y	X		1	X	X	X				X				

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
Email results to
khoey@craworld.com
ihull@craworld.com

EDF Data to
dohare@craworld.com

Turnaround Time Requested (TAT) (please circle)

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

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

Relinquished by:	Date	Time	Received by:	Date	Time
BELEW YIFRU [signature]	10/04/06	1848	SECURE LOCATION		
[signature]	4/9/2010	1119 AM	[signature]	4/9/10	1118
A. [signature]	04APR10	1630	FEDEX		
Relinquished by Commercial Carrier: UPS FedEx Other ____			Received by: [signature]	4/10/10	1000
Temperature Upon Receipt 0.6-1.6 C°			Custody Seals Intact? (Yes) No		

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppb parts per billion

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

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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Lancaster Laboratories

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

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

April 20, 2010

Project: 307233

Samples arrived at the laboratory on Thursday, April 08, 2010. The PO# for this group is 0015060774 and the release number is ROBB. The group number for this submittal is 1189489.

Client Sample Description	Lancaster Labs (LLI) #
MW-2-S-9.5-100405 Grab Soil	5948225
MW-2-S-14.5-100405 Grab Soil	5948226
MW-2-S-19.5-100405 Grab Soil	5948227
MW-2-S-24.5-100405 Grab Soil	5948228
MW-2-S-29.5-100405 Grab Soil	5948229
MW-2-S-34.5-100405 Grab Soil	5948230
MW-2-S-39.5-100405 Grab Soil	5948231
MW-2-S-44.5-100405 Grab Soil	5948232
MW-2-S-49.5-100405 Grab Soil	5948233
MW-2-S-54.5-100405 Grab Soil	5948234
MW-2-S-59.5-100405 Grab Soil	5948235
MW-3-S-9.5-100406 Grab Soil	5948236
MW-3-S-14.5-100406 Grab Soil	5948237
MW-3-S-19.5-100406 Grab Soil	5948238
MW-3-S-24.5-100406 Grab Soil	5948239
MW-3-S-29.5-100406 Grab Soil	5948240
MW-3-S-34.5-100406 Grab Soil	5948241
MW-3-S-39.5-100406 Grab Soil	5948242
MW-3-S-44.5-100406 Grab Soil	5948243
MW-3-S-49.5-100406 Grab Soil	5948244
MW-3-S-54.5-100406 Grab Soil	5948245
MW-3-S-59.5-100406 Grab Soil	5948246

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Analysis Report

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO	Chevron	Attn: CRA EDD
ELECTRONIC COPY TO	CRA	Attn: Ian Hull
ELECTRONIC COPY TO	CRA	Attn: Kiersten Hoey

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

Respectfully Submitted,

Marla S. Lord
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: MW-2-S-9.5-100405 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-2

LLI Sample # SW 5948225
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/05/2010 09:35 by IH

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

Account Number: 10880

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI2-9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.95
10950	Ethylbenzene	100-41-4	N.D.	0.0009	0.005	0.95
10950	Toluene	108-88-3	N.D.	0.0009	0.005	0.95
10950	Xylene (Total)	1330-20-7	N.D.	0.0009	0.005	0.95
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	23.85
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B100991AA	04/09/2010 20:05	Kristen D Pelliccia	0.95
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:19	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 19:19	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 17:56	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10099A31A	04/12/2010 13:31	Martha L Seidel	23.85
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 17:57	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 07:19	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 04:15	Melissa McDermott	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-2-S-9.5-100405 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-2

LLI Sample # SW 5948225
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/05/2010 09:35 by IH

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

LI2-9

Account Number: 10880

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-2-S-14.5-100405 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-2

LLI Sample # SW 5948226
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/05/2010 09:40 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI214

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.94
10950	Ethylbenzene	100-41-4	N.D.	0.0009	0.005	0.94
10950	Toluene	108-88-3	N.D.	0.0009	0.005	0.94
10950	Xylene (Total)	1330-20-7	N.D.	0.0009	0.005	0.94
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.51
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B100991AA	04/09/2010 18:57	Kristen D Pelliccia	0.94
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:20	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 19:20	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 18:01	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10099A31A	04/12/2010 14:07	Martha L Seidel	24.51
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 18:02	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 07:43	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 04:36	Melissa McDermott	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-2-S-14.5-100405 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-2

LLI Sample # SW 5948226
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/05/2010 09:40 by IH

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

LI214

Account Number: 10880

ChevronTexaco
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Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-2-S-19.5-100405 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-2

LLI Sample # SW 5948227
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/05/2010 09:45 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI219

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.98
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.98
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.98
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.98
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1.0	1.0	25.15
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B100991AA	04/09/2010 19:19	Kristen D Pelliccia	0.98
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:20	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 19:20	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 18:05	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10099A31A	04/12/2010 14:44	Martha L Seidel	25.15
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 18:06	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 08:08	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 04:57	Melissa McDermott	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-2-S-19.5-100405 Grab Soil **LLI Sample # SW 5948227**
Facility# 307233 CRAW **LLI Group # 1189489**
2259 First St-Livermore T0600196622 MW-2 **CA**

Project Name: 307233

Collected: 04/05/2010 09:45 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI219

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-2-S-24.5-100405 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-2

LLI Sample # SW 5948228
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/05/2010 09:50 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI224

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.93
10950	Ethylbenzene	100-41-4	N.D.	0.0009	0.005	0.93
10950	Toluene	108-88-3	N.D.	0.0009	0.005	0.93
10950	Xylene (Total)	1330-20-7	N.D.	0.0009	0.005	0.93
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.9	0.9	23.45
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B100991AA	04/09/2010 19:42	Kristen D Pelliccia	0.93
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:20	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 19:21	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 18:09	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10099A31A	04/12/2010 15:20	Martha L Seidel	23.45
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 18:10	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 08:58	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 05:17	Melissa McDermott	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-2-S-24.5-100405 Grab Soil **LLI Sample # SW 5948228**
Facility# 307233 CRAW **LLI Group # 1189489**
2259 First St-Livermore T0600196622 MW-2 **CA**

Project Name: 307233

Collected: 04/05/2010 09:50 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI224

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-2-S-29.5-100405 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-2

LLI Sample # SW 5948229
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/05/2010 10:00 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI229

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.95
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.95
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.95
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.95
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.13
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B100991AA	04/09/2010 20:50	Kristen D Pelliccia	0.95
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:21	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 19:21	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 18:13	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10099A31A	04/12/2010 15:56	Martha L Seidel	24.13
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 18:21	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 09:23	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 05:38	Melissa McDermott	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-2-S-29.5-100405 Grab Soil **LLI Sample # SW 5948229**
Facility# 307233 CRAW **LLI Group # 1189489**
2259 First St-Livermore T0600196622 MW-2 **CA**

Project Name: 307233

Collected: 04/05/2010 10:00 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI229

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-2-S-34.5-100405 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-2

LLI Sample # SW 5948230
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/05/2010 10:05 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI234

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.92
10950	Ethylbenzene	100-41-4	N.D.	0.0009	0.005	0.92
10950	Toluene	108-88-3	N.D.	0.0009	0.005	0.92
10950	Xylene (Total)	1330-20-7	N.D.	0.0009	0.005	0.92
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1.0	1.0	25.51
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101011AA	04/11/2010 20:33	Nicholas P Riehl	0.92
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:21	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 19:21	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 18:25	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10099A31A	04/12/2010 16:33	Martha L Seidel	25.51
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 18:25	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 09:48	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 05:59	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-2-S-34.5-100405 Grab Soil **LLI Sample # SW 5948230**
Facility# 307233 CRAW **LLI Group # 1189489**
2259 First St-Livermore T0600196622 MW-2 **CA**

Project Name: 307233

Collected: 04/05/2010 10:05 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI234

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-2-S-39.5-100405 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-2

LLI Sample # SW 5948231
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/05/2010 10:20 by IH

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

Account Number: 10880

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI239

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.93
10950	Ethylbenzene	100-41-4	N.D.	0.0009	0.005	0.93
10950	Toluene	108-88-3	N.D.	0.0009	0.005	0.93
10950	Xylene (Total)	1330-20-7	N.D.	0.0009	0.005	0.93
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.88
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B100991AA	04/09/2010 21:35	Kristen D Pelliccia	0.93
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:22	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 19:22	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 18:28	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10099A31A	04/12/2010 17:09	Martha L Seidel	24.88
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 18:29	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 10:13	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 06:20	Melissa McDermott	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-2-S-39.5-100405 Grab Soil **LLI Sample # SW 5948231**
Facility# 307233 CRAW **LLI Group # 1189489**
2259 First St-Livermore T0600196622 MW-2 **CA**

Project Name: 307233

Collected: 04/05/2010 10:20 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI239

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-2-S-44.5-100405 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-2

LLI Sample # SW 5948232
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/05/2010 10:25 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI244

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.06
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.06
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.06
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.06
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.58
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B100991AA	04/09/2010 22:21	Kristen D Pelliccia	1.06
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:22	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 19:23	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 18:33	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10099A31A	04/12/2010 17:46	Martha L Seidel	24.58
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 18:34	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 10:38	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 06:41	Melissa McDermott	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-2-S-44.5-100405 Grab Soil **LLI Sample # SW 5948232**
Facility# 307233 CRAW **LLI Group # 1189489**
2259 First St-Livermore T0600196622 MW-2 **CA**

Project Name: 307233

Collected: 04/05/2010 10:25 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI244

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-2-S-49.5-100405 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-2

LLI Sample # SW 5948233
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/05/2010 10:30 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI249

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.95
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.95
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.95
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.95
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1.1	1.1	27.47
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B100991AA	04/09/2010 22:43	Kristen D Pelliccia	0.95
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:23	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 19:20	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 18:38	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10099A31A	04/12/2010 20:16	Martha L Seidel	27.47
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 18:39	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 11:03	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 07:01	Melissa McDermott	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-2-S-49.5-100405 Grab Soil **LLI Sample # SW 5948233**
Facility# 307233 CRAW **LLI Group # 1189489**
2259 First St-Livermore T0600196622 MW-2 **CA**

Project Name: 307233

Collected: 04/05/2010 10:30 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI249

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-2-S-54.5-100405 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-2

LLI Sample # SW 5948234
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/05/2010 10:44 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI254

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.05
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.05
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.05
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.05
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.02
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B100991AA	04/09/2010 23:29	Kristen D Pelliccia	1.05
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:23	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 19:23	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 18:42	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10099A31A	04/12/2010 20:52	Martha L Seidel	24.02
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 18:43	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 11:28	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 08:04	Melissa McDermott	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-2-S-54.5-100405 Grab Soil **LLI Sample # SW 5948234**
Facility# 307233 CRAW **LLI Group # 1189489**
2259 First St-Livermore T0600196622 MW-2 **CA**

Project Name: 307233

Collected: 04/05/2010 10:44 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI254

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-2-S-59.5-100405 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-2

LLI Sample # SW 5948235
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/05/2010 10:50 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI259

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.99
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.99
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.99
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.99
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1.0	1.0	25.93
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B100991AA	04/09/2010 23:51	Kristen D Pelliccia	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:24	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 19:23	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 18:46	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10099A31A	04/12/2010 21:29	Martha L Seidel	25.93
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 18:47	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 11:53	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 08:24	Melissa McDermott	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-2-S-59.5-100405 Grab Soil **LLI Sample # SW 5948235**
Facility# 307233 CRAW **LLI Group # 1189489**
2259 First St-Livermore T0600196622 MW-2 **CA**

Project Name: 307233

Collected: 04/05/2010 10:50 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI259

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-3-S-9.5-100406 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-3

LLI Sample # SW 5948236
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/06/2010 09:45 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI3-9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1
10950	Toluene	108-88-3	0.002	0.001	0.005	1
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.9	0.9	22.91
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B100991AA	04/10/2010 00:14	Kristen D Pelliccia	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:24	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 19:24	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 18:50	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10099A31A	04/12/2010 22:05	Martha L Seidel	22.91
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 18:51	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 12:18	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 11:31	Melissa McDermott	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-3-S-9.5-100406 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-3

LLI Sample # SW 5948236
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/06/2010 09:45 by IH

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

LI3-9

Account Number: 10880

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-3-S-14.5-100406 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-3

LLI Sample # SW 5948237
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/06/2010 09:50 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI314

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.01
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.01
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.01
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.01
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	23.88
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B100991AA	04/10/2010 00:36	Kristen D Pelliccia	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 20:38	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 20:38	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 18:53	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10099A31A	04/12/2010 22:42	Martha L Seidel	23.88
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 18:54	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 12:43	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 08:45	Melissa McDermott	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-3-S-14.5-100406 Grab Soil **LLI Sample # SW 5948237**
Facility# 307233 CRAW **LLI Group # 1189489**
2259 First St-Livermore T0600196622 MW-3 **CA**

Project Name: 307233

Collected: 04/06/2010 09:50 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI314

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-3-S-19.5-100406 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-3

LLI Sample # SW 5948238
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/06/2010 09:55 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI319

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.05
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.05
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.05
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.05
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.78
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B100991AA	04/10/2010 00:59	Kristen D Pelliccia	1.05
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 20:38	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 20:38	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:07	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10099A31A	04/12/2010 23:18	Martha L Seidel	24.78
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 19:08	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 13:07	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 09:06	Melissa McDermott	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-3-S-19.5-100406 Grab Soil **LLI Sample # SW 5948238**
Facility# 307233 CRAW **LLI Group # 1189489**
2259 First St-Livermore T0600196622 MW-3 **CA**

Project Name: 307233

Collected: 04/06/2010 09:55 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI319

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-3-S-24.5-100406 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-3

LLI Sample # SW 5948239
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/06/2010 10:00 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI324

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.05
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.05
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.05
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.05
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.9	0.9	23.65
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B100991AA	04/10/2010 01:22	Kristen D Pelliccia	1.05
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 20:38	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 20:38	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:11	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10099A31A	04/12/2010 23:55	Martha L Seidel	23.65
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 19:11	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 13:32	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 09:27	Melissa McDermott	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-3-S-24.5-100406 Grab Soil **LLI Sample # SW 5948239**
Facility# 307233 CRAW **LLI Group # 1189489**
2259 First St-Livermore T0600196622 MW-3 **CA**

Project Name: 307233

Collected: 04/06/2010 10:00 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI324

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-3-S-29.5-100406 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-3

LLI Sample # SW 5948240
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/06/2010 10:05 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI329

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.01
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.01
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.01
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.01
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1.1	1.1	26.65
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B100991AA	04/10/2010 01:44	Kristen D Pelliccia	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 20:37	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 20:37	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:14	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10099A31A	04/13/2010 00:31	Martha L Seidel	26.65
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 19:15	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 13:57	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 09:47	Melissa McDermott	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-3-S-29.5-100406 Grab Soil **LLI Sample # SW 5948240**
Facility# 307233 CRAW **LLI Group # 1189489**
2259 First St-Livermore T0600196622 MW-3 **CA**

Project Name: 307233

Collected: 04/06/2010 10:05 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI329

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-3-S-34.5-100406 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-3

LLI Sample # SW 5948241
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/06/2010 10:10 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI334

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.92
10950	Ethylbenzene	100-41-4	N.D.	0.0009	0.005	0.92
10950	Toluene	108-88-3	N.D.	0.0009	0.005	0.92
10950	Xylene (Total)	1330-20-7	N.D.	0.0009	0.005	0.92
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1.0	1.0	25.64
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101011AA	04/11/2010 20:56	Nicholas P Riehl	0.92
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 20:37	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 20:37	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:18	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10099A31A	04/13/2010 01:07	Martha L Seidel	25.64
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 19:19	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 14:22	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 10:08	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-3-S-34.5-100406 Grab Soil **LLI Sample # SW 5948241**
Facility# 307233 CRAW **LLI Group # 1189489**
2259 First St-Livermore T0600196622 MW-3 **CA**

Project Name: 307233

Collected: 04/06/2010 10:10 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI334

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-3-S-39.5-100406 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-3

LLI Sample # SW 5948242
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/06/2010 10:15 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI339

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.96
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.96
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.96
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.96
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1.0	1.0	25.8
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101011AA	04/12/2010 00:41	Nicholas P Riehl	0.96
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 20:38	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 20:37	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:22	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10099A31A	04/13/2010 01:44	Martha L Seidel	25.8
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 19:23	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 14:48	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 10:29	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-3-S-39.5-100406 Grab Soil **LLI Sample # SW 5948242**
Facility# 307233 CRAW **LLI Group # 1189489**
2259 First St-Livermore T0600196622 MW-3 **CA**

Project Name: 307233

Collected: 04/06/2010 10:15 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI339

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-3-S-44.5-100406 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-3

LLI Sample # SW 5948243
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/06/2010 10:25 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI344

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.05
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.05
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.05
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.05
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.37
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101011AA	04/12/2010 01:26	Nicholas P Riehl	1.05
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 20:38	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 20:38	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:42	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10099A31A	04/13/2010 02:20	Martha L Seidel	24.37
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 19:43	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 15:13	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 10:50	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-3-S-44.5-100406 Grab Soil **LLI Sample # SW 5948243**
Facility# 307233 CRAW **LLI Group # 1189489**
2259 First St-Livermore T0600196622 MW-3 **CA**

Project Name: 307233

Collected: 04/06/2010 10:25 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI344

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-3-S-49.5-100406 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-3

LLI Sample # SW 5948244
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/06/2010 10:35 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI349

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.02
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.02
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.02
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.02
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1.1	1.1	26.77
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101011AA	04/12/2010 01:49	Nicholas P Riehl	1.02
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 20:38	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 20:38	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:45	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10103A34A	04/13/2010 19:25	Marie D John	26.77
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 19:46	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	100990013A	04/13/2010 15:38	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	100990012A	04/14/2010 11:10	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	100990012A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-3-S-49.5-100406 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-3

LLI Sample # SW 5948244
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/06/2010 10:35 by IH

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

LI349

Account Number: 10880

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	100990013A	04/09/2010 13:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-3-S-54.5-100406 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-3

LLI Sample # SW 5948245
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/06/2010 10:45 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI354

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	0.004	0.0005	0.005	0.97
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.97
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.97
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.97
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	10	1.1	1.1	26.34
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101011AA	04/12/2010 03:19	Nicholas P Riehl	0.97
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 20:37	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 20:37	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:49	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10103A34A	04/13/2010 20:01	Marie D John	26.34
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 19:49	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101020023A	04/14/2010 05:28	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101020023B	04/15/2010 13:27	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101020023A	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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

Analysis Report

Sample Description: MW-3-S-54.5-100406 Grab Soil **LLI Sample # SW 5948245**
Facility# 307233 CRAW **LLI Group # 1189489**
2259 First St-Livermore T0600196622 MW-3 **CA**

Project Name: 307233

Collected: 04/06/2010 10:45 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI354

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101020023B	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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

Analysis Report

Sample Description: MW-3-S-59.5-100406 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-3

LLI Sample # SW 5948246
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/06/2010 10:55 by IH

Account Number: 10880

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

LI359

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.04
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.04
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.04
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.04
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1.1	1.1	27.41
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101011AA	04/12/2010 02:12	Nicholas P Riehl	1.04
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 20:37	Jesse L Mertz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201009820780	04/08/2010 20:37	Jesse L Mertz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201009820780	04/08/2010 19:53	Jesse L Mertz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10103A34A	04/13/2010 20:37	Marie D John	27.41
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201009820780	04/08/2010 19:54	Jesse L Mertz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101020023A	04/14/2010 06:43	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101020023B	04/15/2010 14:29	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101020023A	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-3-S-59.5-100406 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-3

LLI Sample # SW 5948246
LLI Group # 1189489
CA

Project Name: 307233

Collected: 04/06/2010 10:55 by IH

Submitted: 04/08/2010 09:00
Reported: 04/20/2010 at 12:55
Discard: 05/21/2010

LI359

Account Number: 10880

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101020023B	04/13/2010 09:30	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1189489
Reported: 04/20/10 at 12:55 PM

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**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: B100991AA	Sample number(s): 5948225-5948229,5948231-5948240								
Benzene	N.D.	0.0005	0.005	mg/kg	107	105	80-120	2	30
Ethylbenzene	N.D.	0.001	0.005	mg/kg	108	106	80-120	3	30
Toluene	N.D.	0.001	0.005	mg/kg	106	104	80-120	2	30
Xylene (Total)	N.D.	0.001	0.005	mg/kg	107	105	80-120	2	30
Batch number: B101011AA	Sample number(s): 5948230,5948241-5948246								
Benzene	N.D.	0.0005	0.005	mg/kg	110	108	80-120	2	30
Ethylbenzene	N.D.	0.001	0.005	mg/kg	112	108	80-120	3	30
Toluene	N.D.	0.001	0.005	mg/kg	110	105	80-120	4	30
Xylene (Total)	N.D.	0.001	0.005	mg/kg	111	107	80-120	4	30
Batch number: 10099A31A	Sample number(s): 5948225-5948243								
TPH-GRO N. CA soil C6-C12	N.D.	1.0	1.0	mg/kg	85	92	67-119	7	30
Batch number: 10103A34A	Sample number(s): 5948244-5948246								
TPH-GRO N. CA soil C6-C12	N.D.	1.0	1.0	mg/kg	85	84	67-119	2	30
Batch number: 100990013A	Sample number(s): 5948225-5948244								
Total TPH	N.D.	10.	30	mg/kg	91	96	72-125	5	20
TPH Motor Oil C16-C36	N.D.	10.	30	mg/kg					
Batch number: 101020023A	Sample number(s): 5948245-5948246								
Total TPH	N.D.	10.	30	mg/kg	94		72-125		
TPH Motor Oil C16-C36	N.D.	10.	30	mg/kg					
Batch number: 100990012A	Sample number(s): 5948225-5948244								
TPH-DRO soil C10-C28 w/Si Gel	N.D.	4.0	12	mg/kg	97	98	76-117	2	20
Batch number: 101020023B	Sample number(s): 5948245-5948246								
TPH-DRO soil C10-C28 w/Si Gel	N.D.	4.0	12	mg/kg	97		76-117		

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: B100991AA	Sample number(s): 5948225-5948229,5948231-5948240 UNSPK: 5948229								
Benzene	108		55-143						
Ethylbenzene	109		44-141						
Toluene	108		50-146						

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1189489
Reported: 04/20/10 at 12:55 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)	108		44-136						
Batch number: B101011AA	Sample number(s): 5948230,5948241-5948246 UNSPK: P948154								
Benzene	113		55-143						
Ethylbenzene	99		44-141						
Toluene	107		50-146						
Xylene (Total)	97		44-136						
Batch number: 101020023A	Sample number(s): 5948245-5948246 UNSPK: 5948245 BKG: 5948245								
Total TPH	95		49-123			N.D.	N.D.	0 (1)	20
TPH Motor Oil C16-C36						N.D.	N.D.	0 (1)	20
Batch number: 101020023B	Sample number(s): 5948245-5948246 UNSPK: 5948245 BKG: 5948245								
TPH-DRO soil C10-C28 w/Si Gel	96		30-159			N.D.	N.D.	0 (1)	20

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: VOCs by 8260B - Solid
Batch number: B100991AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5948225	102	100	103	93
5948226	103	103	103	94
5948227	103	103	102	94
5948228	101	101	103	93
5948229	103	105	102	95
5948231	103	105	100	94
5948232	101	101	102	94
5948233	101	101	102	94
5948234	101	100	103	93
5948235	102	102	103	93
5948236	101	100	103	93
5948237	102	101	101	91
5948238	102	100	101	93
5948239	103	102	100	92
5948240	102	100	102	93
Blank	102	102	101	95
LCS	101	104	104	101
LCSD	100	101	103	101
MS	101	103	104	101
Limits:	71-114	70-109	70-123	70-111

Analysis Name: VOCs by 8260B - Solid
Batch number: B101011AA

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

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1189489
Reported: 04/20/10 at 12:55 PM

Surrogate Quality Control

5948230	100	98	103	92
5948241	101	100	102	93
5948242	101	99	102	93
5948243	101	101	102	93
5948244	102	99	101	94
5948245	98	97	104	98
5948246	102	100	99	95
Blank	103	106	101	96
LCS	101	103	102	100
LCSD	101	109	101	100
MS	100	104	104	98
Limits:	71-114	70-109	70-123	70-111

Analysis Name: TPH-GRO N. CA soil C6-C12
Batch number: 10099A31A

	Trifluorotoluene-F
5948225	70
5948226	71
5948227	70
5948228	70
5948229	71
5948230	71
5948231	68
5948232	67
5948233	73
5948234	67
5948235	70
5948236	66
5948237	66
5948238	69
5948239	69
5948240	66
5948241	65
5948242	67
5948243	68
Blank	74
LCS	81
LCSD	89
Limits:	61-122

Analysis Name: TPH-GRO N. CA soil C6-C12
Batch number: 10103A34A

	Trifluorotoluene-F
5948244	72
5948245	73
5948246	71
Blank	84
LCS	81
LCSD	80
Limits:	61-122

Analysis Name: TPH-DRO soil C10-C28 w/Si Gel
Batch number: 100990012A

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1189489
Reported: 04/20/10 at 12:55 PM

Surrogate Quality Control

	Orthoterphenyl
5948225	97
5948226	102
5948227	100
5948228	93
5948229	90
5948230	97
5948231	83
5948232	89
5948233	83
5948234	101
5948235	99
5948236	92
5948237	89
5948238	99
5948239	92
5948240	96
5948241	92
5948242	101
5948243	93
5948244	95
Blank	98
LCS	108
LCSD	110
Limits:	59-129

Analysis Name: TPH Fuels by GC (Soils)
Batch number: 100990013A

	Chlorobenzene	Orthoterphenyl
5948225	67	90
5948226	77	96
5948227	82	96
5948228	79	89
5948229	73	85
5948230	80	91
5948231	60	80
5948232	71	90
5948233	62	79
5948234	79	101
5948235	71	94
5948236	62	85
5948237	64	83
5948238	81	97
5948239	70	89
5948240	79	92
5948241	75	88
5948242	77	93
5948243	77	92
5948244	74	92
Blank	86	95
LCS	86	101
LCSD	89	105
Limits:	49-125	59-129

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1189489
Reported: 04/20/10 at 12:55 PM

Surrogate Quality Control

Analysis Name: TPH Fuels by GC (Soils)
Batch number: 101020023A

	Chlorobenzene	Orthoterphenyl
5948245	88	95
5948246	85	91
Blank	89	98
DUP	86	96
LCS	89	104
MS	87	101
Limits:	49-125	59-129

Analysis Name: TPH-DRO soil C10-C28 w/Si Gel
Batch number: 101020023B

	Orthoterphenyl
5948245	99
5948246	92
Blank	101
DUP	99
LCS	108
MS	104
Limits:	59-129

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

640610-9

For Lancaster Laboratories use only
Acct. #: 10880 Sample #: 5948225-46 SCR#: 248702
Group# 1189489

Facility #: 30-7233 AIL
Site Address: 2259 FIRST ST., LIVERMORE, CALIFORNIA
Chevron PM: IAN ROBB Lead Consultant: CRA
Consultant/Office: EMERYVILLE
Consultant Prj. Mgr.: KIERSTEN HOEY
Consultant Phone #: 510-420-3347 Fax #: 510-420-9170
Sampler: IAN HULL
Service Order #: ☐ 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 ☐	TPH MOTOR OIL 8015 W/ SILICA GEL
MW-2	SOIL	N	9.5	2010/04/05	0935	YES	X		1	X	X	X				X
MW-2			14.5		0940											
MW-2			19.5		0945											
MW-2			24.5		0950											
MW-2			29.5		1000											
MW-2			34.5		1005											
MW-2			39.5		1020											
MW-2			44.5		1025											
MW-2			49.5		1030											
MW-2			54.5		1044											
MW-2			59.5		1050											

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
PLEASE EMAIL RESULTS TO
khoey
ihull

EDF DATA TO
dohare

ALL @crawworld.com

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

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

		Date	Time		Date	Time
Relinquished by:		2010/04/06	1700	Received by:	4/6/10	1700
Relinquished by:		07 APR 10	1636	Received by: FEDEX		
Relinquished by:				Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other				Received by:	4/8/10	0900
Temperature Upon Receipt 4.2 C°				Custody Seals Intact? (Yes) No		

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

04010-08

For Lancaster Laboratories use only
Acct. #: 10880 Sample #: 5948225-46 SCR#: 248703
Group# 1189489

Facility #: 30-7233 (AIL)
Site Address: 2259 FIRST ST., LIVERMORE, CALIFORNIA
Chevron PM: IAN ROBB Lead Consultant: CRA
Consultant/Office: EMERYVILLE
Consultant Prj. Mgr.: KIERSTEN HOEY
Consultant Phone #: 510-420-3347 Fax #: 510-420-9170
Sampler: IAN HULL
Service Order #: ☐ 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 ☐	TPH MO w/ SILICA GEL 8015					
MW-3	SOIL	NO	9.5	2010/04/06	0945	YES	X		1	X	X	X				X					
			14.5		0950																
			19.5		0955																
			24.5		1000																
			29.5		1005																
			34.5		1010																
			39.5		1015																
			44.5		1025																
			49.5		1035																
			54.5		1045																
			59.5		1055																

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
PLEASE EMAIL RESULTS TO
khoey
ihull

EDF DATA TO:
dohare

ALL @ cramarkd.com

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

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

Relinquished by:	Date	Time	Received by:	Date	Time
	2010/04/06	1700		4/6/2010	1700
Relinquished by:	Date	Time	Received by:	Date	Time
A. Salazar 07APR10		1635	FEDEX		
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	Date	Time
				4/7/10	0910
Temperature Upon Receipt 1.4-2.5 C°			Custody Seals Intact? Yes No		

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppb parts per billion

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

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

April 22, 2010

Project: 307233

Submittal Date: 04/13/2010
Group Number: 1190027
PO Number: 0015060774
Release Number: ROBB
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LLI) #
MW-6-S-10-100409 NA Soil	5952073
MW-6-S-15-100409 NA Soil	5952074
MW-6-S-19.5-100409 NA Soil	5952075
MW-6-S-25-100409 NA Soil	5952076
MW-6-S-30-100409 NA Soil	5952077
MW-6-S-35-100409 NA Soil	5952078
MW-6-S-40-100409 NA Soil	5952079
MW-6-S-45-100409 NA Soil	5952080
MW-6-S-50-100409 NA Soil	5952081
MW-6-S-55-100409 NA Soil	5952082
MW-6-S-59.5-100409 NA Soil	5952083
MW-4-S-10.5-100412 Grab Soil	5952084
MW-4-S-15.5-100412 Grab Soil	5952085
MW-4-S-20.5-100412 Grab Soil	5952086
MW-4-S-25.5-100412 Grab Soil	5952087
MW-4-S-30.5-100412 Grab Soil	5952088
MW-4-S-35.5-100412 Grab Soil	5952089
MW-4-S-40.5-100412 Grab Soil	5952090
MW-4-S-45.5-100412 Grab Soil	5952091
MW-4-S-50.5-100412 Grab Soil	5952092
MW-4-S-55.5-100412 Grab Soil	5952093
MW-4-S-60.5-100412 Grab Soil	5952094

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

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Analysis Report

ELECTRONIC COPY TO	CRA	Attn: Brandon Wilken
ELECTRONIC COPY TO	Chevron	Attn: CRA EDD
ELECTRONIC COPY TO	CRA	Attn: Ian Hull
ELECTRONIC COPY TO	CRA	Attn: Kiersten Hoey

Questions? Contact your Client Services Representative
Angela M Miller at (717) 656-2300 Ext. 1903

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: MW-6-S-10-100409 NA Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-6

LLI Sample # SW 5952073
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/09/2010 08:20 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

23361

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.99
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.99
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.99
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.99
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	23.99
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101043AA	04/15/2010 01:41	Kristen D Pelliccia	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 20:38	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320813	04/13/2010 20:38	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 18:57	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10104A16A	04/15/2010 23:49	Marie D John	23.99
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320813	04/13/2010 18:58	Lois E Hiltz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101030016B	04/15/2010 03:34	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101030016A	04/15/2010 12:05	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101030016A	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-6-S-10-100409 NA Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-6

LLI Sample # SW 5952073
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/09/2010 08:20 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

23361

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101030016B	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-6-S-15-100409 NA Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-6

LLI Sample # SW 5952074
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/09/2010 08:25 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

23362

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.99
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.99
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.99
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.99
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.51
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101043AA	04/15/2010 02:03	Kristen D Pelliccia	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 20:38	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320813	04/13/2010 20:38	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 19:03	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10104A16A	04/16/2010 00:27	Marie D John	24.51
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320813	04/13/2010 19:04	Lois E Hiltz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101030016B	04/15/2010 03:59	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101030016A	04/15/2010 12:25	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101030016A	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-6-S-15-100409 NA Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-6

LLI Sample # SW 5952074
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/09/2010 08:25 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

23362

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101030016B	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-6-S-19.5-100409 NA Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-6

LLI Sample # SW 5952075
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/09/2010 08:30 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

23363

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.92
10950	Ethylbenzene	100-41-4	N.D.	0.0009	0.005	0.92
10950	Toluene	108-88-3	N.D.	0.0009	0.005	0.92
10950	Xylene (Total)	1330-20-7	N.D.	0.0009	0.005	0.92
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.9	0.9	23.61
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101043AA	04/15/2010 03:30	Kristen D Pelliccia	0.92
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 20:39	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320813	04/13/2010 20:39	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 19:09	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10104A16A	04/16/2010 01:05	Marie D John	23.61
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320813	04/13/2010 19:10	Lois E Hiltz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101030016B	04/15/2010 04:24	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101030016A	04/15/2010 12:45	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101030016A	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-6-S-19.5-100409 NA Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-6

LLI Sample # SW 5952075
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/09/2010 08:30 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

23363

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101030016B	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-6-S-25-100409 NA Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-6

LLI Sample # SW 5952076
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/09/2010 08:35 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

23364

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.96
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.96
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.96
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.96
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	23.88
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101051AA	04/15/2010 19:59	Nicholas P Riehl	0.96
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 20:39	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320813	04/13/2010 20:39	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 19:15	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10104A16A	04/16/2010 01:43	Marie D John	23.88
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320813	04/13/2010 19:16	Lois E Hiltz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101030016B	04/15/2010 04:49	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101030016A	04/15/2010 13:05	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101030016A	04/14/2010 10:25	Olivia I Santiago	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101030016B	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-6-S-30-100409 NA Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-6

LLI Sample # SW 5952077
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/09/2010 08:40 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

23365

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1
10950	Toluene	108-88-3	N.D.	0.001	0.005	1
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.9	0.9	23.06
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101051AA	04/15/2010 20:22	Nicholas P Riehl	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 20:39	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320813	04/13/2010 20:39	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 19:40	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10104A16A	04/16/2010 02:21	Marie D John	23.06
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320813	04/13/2010 19:41	Lois E Hiltz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101030016B	04/15/2010 05:14	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101030016A	04/15/2010 13:25	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101030016A	04/14/2010 10:25	Olivia I Santiago	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101030016B	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-6-S-35-100409 NA Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-6

LLI Sample # SW 5952078
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/09/2010 08:50 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

23366

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.99
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.99
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.99
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.99
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.9	0.9	23.7
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101051AA	04/15/2010 20:45	Nicholas P Riehl	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 20:39	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320813	04/13/2010 20:39	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 19:46	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10105A34A	04/15/2010 18:59	Marie D John	23.7
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320813	04/13/2010 19:47	Lois E Hiltz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101030016B	04/15/2010 05:39	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101030016A	04/15/2010 13:46	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101030016A	04/14/2010 10:25	Olivia I Santiago	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101030016B	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-6-S-40-100409 NA Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-6

LLI Sample # SW 5952079
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/09/2010 09:00 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

23367

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.97
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.97
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.97
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.97
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.22
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101051AA	04/15/2010 21:07	Nicholas P Riehl	0.97
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 20:39	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320813	04/13/2010 20:39	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 19:52	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10105A34A	04/15/2010 19:49	Marie D John	24.22
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320813	04/13/2010 19:52	Lois E Hiltz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101030016B	04/15/2010 06:04	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101030016A	04/15/2010 14:06	Dustin A Underkoffler	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101030016A	04/14/2010 10:25	Olivia I Santiago	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101030016B	04/14/2010 10:25	Olivia I Santiago	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-6-S-45-100409 NA Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-6

LLI Sample # SW 5952080
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/09/2010 09:20 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

23368

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.96
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.96
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.96
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.96
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	23.92
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101051AA	04/15/2010 21:30	Nicholas P Riehl	0.96
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 20:40	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320813	04/13/2010 20:40	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 19:57	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10105A34A	04/15/2010 20:25	Marie D John	23.92
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320813	04/13/2010 19:59	Lois E Hiltz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101040025B	04/16/2010 23:57	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101040025A	04/16/2010 19:25	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101040025A	04/15/2010 10:05	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101040025B	04/15/2010 10:05	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-6-S-50-100409 NA Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-6

LLI Sample # SW 5952081
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/09/2010 09:25 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

23369

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.96
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.96
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.96
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.96
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.9	0.9	23.56
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101051AA	04/15/2010 21:53	Nicholas P Riehl	0.96
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 20:40	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320813	04/13/2010 20:40	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 20:10	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10105A34A	04/15/2010 21:01	Marie D John	23.56
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320813	04/13/2010 20:10	Lois E Hiltz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101040025B	04/17/2010 00:23	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101040025A	04/16/2010 19:45	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101040025A	04/15/2010 10:05	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101040025B	04/15/2010 10:05	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-6-S-55-100409 NA Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-6

LLI Sample # SW 5952082
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/09/2010 09:35 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

33610

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	0.020	0.0005	0.005	0.95
10950	Ethylbenzene	100-41-4	0.006	0.0009	0.005	0.95
10950	Toluene	108-88-3	0.003	0.0009	0.005	0.95
10950	Xylene (Total)	1330-20-7	0.002	0.0009	0.005	0.95
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	44	3.8	3.8	95.24
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101051AA	04/16/2010 01:38	Nicholas P Riehl	0.95
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 20:40	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320813	04/13/2010 20:40	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 20:15	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10105A34A	04/16/2010 11:01	Marie D John	95.24
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320813	04/13/2010 20:16	Lois E Hiltz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101040025B	04/17/2010 00:48	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101040025A	04/16/2010 20:06	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101040025A	04/15/2010 10:05	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101040025B	04/15/2010 10:05	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-6-S-59.5-100409 NA Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-6

LLI Sample # SW 5952083
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/09/2010 09:45 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

33611

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.99
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.99
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.99
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.99
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.2
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101051AA	04/15/2010 22:15	Nicholas P Riehl	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 20:40	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320813	04/13/2010 20:40	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 20:22	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10105A34A	04/15/2010 21:37	Marie D John	24.2
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320813	04/13/2010 20:23	Lois E Hiltz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101040025B	04/17/2010 01:13	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	2	101040025A	04/16/2010 18:24	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101040025A	04/15/2010 10:05	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101040025B	04/15/2010 10:05	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-4-S-10.5-100412 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-4

LLI Sample # SW 5952084
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/12/2010 08:20 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

23341

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.96
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.96
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.96
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.96
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.9	0.9	23.74
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101051AA	04/15/2010 22:38	Nicholas P Riehl	0.96
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 20:40	Lois E Hiltz	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320813	04/13/2010 20:40	Lois E Hiltz	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320813	04/13/2010 20:28	Lois E Hiltz	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10105A34A	04/15/2010 22:13	Marie D John	23.74
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320813	04/13/2010 20:29	Lois E Hiltz	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101040025B	04/17/2010 02:28	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101040025A	04/16/2010 20:26	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101040025A	04/15/2010 10:05	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101040025B	04/15/2010 10:05	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-4-S-15.5-100412 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-4

LLI Sample # SW 5952085
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/12/2010 08:25 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

23342

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1
10950	Toluene	108-88-3	N.D.	0.001	0.005	1
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.32
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101091AA	04/19/2010 04:03	Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320815	04/13/2010 21:17	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320815	04/13/2010 21:17	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320815	04/13/2010 19:31	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10105A34A	04/15/2010 22:49	Marie D John	24.32
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320815	04/13/2010 19:31	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101040025B	04/17/2010 02:53	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101040025A	04/16/2010 20:46	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101040025A	04/15/2010 10:05	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101040025B	04/15/2010 10:05	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-4-S-20.5-100412 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-4

LLI Sample # SW 5952086
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/12/2010 08:30 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

23343

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.99
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.99
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.99
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.99
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.9	0.9	23.26
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101091AA	04/19/2010 04:26	Holly Berry	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320815	04/13/2010 21:17	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320815	04/13/2010 21:17	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320815	04/13/2010 19:36	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10105A34A	04/15/2010 23:26	Marie D John	23.26
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320815	04/13/2010 19:37	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101040025B	04/17/2010 03:18	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101040025A	04/16/2010 21:06	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101040025A	04/15/2010 10:05	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101040025B	04/15/2010 10:05	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-4-S-25.5-100412 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-4

LLI Sample # SW 5952087
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/12/2010 08:35 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

23344

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.03
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.03
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.03
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.03
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	24.78
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101061AA	04/16/2010 13:54	Chelsea B Eastep	1.03
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320815	04/13/2010 21:17	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320815	04/13/2010 21:17	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320815	04/13/2010 19:41	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10105A34A	04/16/2010 00:02	Marie D John	24.78
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320815	04/13/2010 19:42	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101040025B	04/17/2010 03:43	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101040025A	04/16/2010 21:27	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101040025A	04/15/2010 10:05	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101040025B	04/15/2010 10:05	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-4-S-30.5-100412 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-4

LLI Sample # SW 5952088
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/12/2010 08:45 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

23345

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.98
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.98
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.98
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.98
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	42	8.0	8.0	199.8
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.
The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.

GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	82	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101061AA	04/16/2010 19:11	Chelsea B Eastep	0.98
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320815	04/13/2010 21:17	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320815	04/13/2010 21:17	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320815	04/13/2010 19:46	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10105A34A	04/16/2010 08:36	Marie D John	199.8
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320815	04/13/2010 19:47	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101040025B	04/17/2010 04:09	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101040025A	04/16/2010 21:47	Melissa McDermott	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-4-S-30.5-100412 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-4

LLI Sample # SW 5952088
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/12/2010 08:45 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

23345

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101040025A	04/15/2010 10:05	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101040025B	04/15/2010 10:05	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Sample Description: MW-4-S-35.5-100412 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-4

LLI Sample # SW 5952089
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/12/2010 08:50 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

23346

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1
10950	Toluene	108-88-3	N.D.	0.001	0.005	1
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.9	0.9	23.43
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101061AA	04/16/2010 14:17	Chelsea B Eastep	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320815	04/13/2010 21:17	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320815	04/13/2010 21:17	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320815	04/13/2010 19:52	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10105A34A	04/16/2010 00:38	Marie D John	23.43
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320815	04/13/2010 19:53	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101040025B	04/17/2010 04:34	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101040025A	04/16/2010 22:07	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101040025A	04/15/2010 10:05	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101040025B	04/15/2010 10:05	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-4-S-40.5-100412 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-4

LLI Sample # SW 5952090
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/12/2010 09:00 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

23347

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.02
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.02
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.02
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.02
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	1	1	23.99
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101061AA	04/16/2010 14:40	Chelsea B Eastep	1.02
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320815	04/13/2010 21:17	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	3	201010320815	04/13/2010 21:18	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320815	04/13/2010 19:57	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10105A34A	04/16/2010 01:14	Marie D John	23.99
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320815	04/13/2010 19:58	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101040025B	04/17/2010 04:59	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101040025A	04/16/2010 22:27	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101040025A	04/15/2010 10:05	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101040025B	04/15/2010 10:05	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-4-S-45.5-100412 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-4

LLI Sample # SW 5952091
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/12/2010 09:10 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

23348

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	1.06
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	1.06
10950	Toluene	108-88-3	N.D.	0.001	0.005	1.06
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	1.06
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	80	19	19	465.55
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101061AA	04/16/2010 20:19	Chelsea B Eastep	1.06
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320815	04/13/2010 21:18	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320815	04/13/2010 21:18	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320815	04/13/2010 20:03	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10105A34A	04/16/2010 09:12	Marie D John	465.55
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320815	04/13/2010 20:04	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101040025B	04/17/2010 05:24	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101040025A	04/19/2010 12:35	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101040025A	04/15/2010 10:05	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101040025B	04/15/2010 10:05	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-4-S-50.5-100412 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-4

LLI Sample # SW 5952092
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/12/2010 09:20 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

23349

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.97
10950	Ethylbenzene	100-41-4	N.D.	0.001	0.005	0.97
10950	Toluene	108-88-3	N.D.	0.001	0.005	0.97
10950	Xylene (Total)	1330-20-7	N.D.	0.001	0.005	0.97
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	31	4.2	4.2	104.71
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101061AA	04/16/2010 19:34	Chelsea B Eastep	0.97
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320815	04/13/2010 21:18	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320815	04/13/2010 21:18	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320815	04/13/2010 20:08	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10105A34A	04/16/2010 09:48	Marie D John	104.71
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320815	04/13/2010 20:09	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101040025B	04/17/2010 05:49	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101040025A	04/16/2010 23:08	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101040025A	04/15/2010 10:05	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101040025B	04/15/2010 10:05	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-4-S-55.5-100412 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-4

LLI Sample # SW 5952093
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/12/2010 09:25 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

33410

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	0.003	0.0005	0.005	1.09
10950	Ethylbenzene	100-41-4	0.019	0.001	0.005	1.09
10950	Toluene	108-88-3	0.001	0.001	0.005	1.09
10950	Xylene (Total)	1330-20-7	0.007	0.001	0.005	1.09
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	110	18	18	461.68
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	4.7	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101061AA	04/16/2010 21:30	Chelsea B Eastep	1.09
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320815	04/13/2010 21:18	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320815	04/13/2010 21:18	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320815	04/13/2010 20:13	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10105A34A	04/16/2010 10:24	Marie D John	461.68
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320815	04/13/2010 20:14	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101040025B	04/17/2010 06:15	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101040025A	04/19/2010 12:57	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101040025A	04/15/2010 10:05	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101040025B	04/15/2010 10:05	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: MW-4-S-60.5-100412 Grab Soil
Facility# 307233 CRAW
2259 First St-Livermore T0600196622 MW-4

LLI Sample # SW 5952094
LLI Group # 1190027
Account # 10880

Project Name: 307233

Collected: 04/12/2010 09:30 by BY

Submitted: 04/13/2010 08:50
Reported: 04/22/2010 16:17
Discard: 05/23/2010

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

33411

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**mg/kg**	**mg/kg**	**mg/kg**	
10950	Benzene	71-43-2	N.D.	0.0005	0.005	0.95
10950	Ethylbenzene	100-41-4	N.D.	0.0009	0.005	0.95
10950	Toluene	108-88-3	N.D.	0.0009	0.005	0.95
10950	Xylene (Total)	1330-20-7	N.D.	0.0009	0.005	0.95
GC Volatiles	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
01725	TPH-GRO N. CA soil C6-C12	n.a.	N.D.	0.9	0.9	23.74
GC Extractable TPH	**SW-846 8015B modified**		**mg/kg**	**mg/kg**	**mg/kg**	
02516	Total TPH	n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C36	n.a.	N.D.	10	30	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**mg/kg**	**mg/kg**	**mg/kg**	
02222	TPH-DRO soil C10-C28 w/Si Gel	n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX 8260 Soil	SW-846 8260B	1	B101061AA	04/16/2010 17:18	Chelsea B Eastep	0.95
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201010320815	04/13/2010 21:18	Scott W Freisher	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201010320815	04/13/2010 21:18	Scott W Freisher	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201010320815	04/13/2010 20:20	Scott W Freisher	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	10105A34A	04/16/2010 01:51	Marie D John	23.74
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201010320815	04/13/2010 20:21	Scott W Freisher	n.a.
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	101040025B	04/17/2010 06:40	Heather E Williams	1
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	101040025A	04/19/2010 13:18	Melissa McDermott	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	101040025A	04/15/2010 10:05	Kerrie A Freeburn	1
07004	Extraction - DRO (Soils)	SW-846 3550B	2	101040025B	04/15/2010 10:05	Kerrie A Freeburn	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1190027
Reported: 04/22/10 at 04:17 PM

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**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: B101043AA	Sample number(s): 5952073-5952075								
Benzene	N.D.	0.0005	0.005	mg/kg	109	106	80-120	3	30
Ethylbenzene	N.D.	0.001	0.005	mg/kg	109	106	80-120	3	30
Toluene	N.D.	0.001	0.005	mg/kg	109	105	80-120	4	30
Xylene (Total)	N.D.	0.001	0.005	mg/kg	108	105	80-120	3	30
Batch number: B101051AA	Sample number(s): 5952076-5952084								
Benzene	N.D.	0.0005	0.005	mg/kg	104	102	80-120	2	30
Ethylbenzene	N.D.	0.001	0.005	mg/kg	104	101	80-120	3	30
Toluene	N.D.	0.001	0.005	mg/kg	103	100	80-120	3	30
Xylene (Total)	N.D.	0.001	0.005	mg/kg	106	103	80-120	3	30
Batch number: B101061AA	Sample number(s): 5952087-5952094								
Benzene	N.D.	0.0005	0.005	mg/kg	107	102	80-120	5	30
Ethylbenzene	N.D.	0.001	0.005	mg/kg	107	100	80-120	6	30
Toluene	N.D.	0.001	0.005	mg/kg	104	100	80-120	5	30
Xylene (Total)	N.D.	0.001	0.005	mg/kg	108	102	80-120	6	30
Batch number: B101091AA	Sample number(s): 5952085-5952086								
Benzene	N.D.	0.0005	0.005	mg/kg	104	103	80-120	1	30
Ethylbenzene	N.D.	0.001	0.005	mg/kg	105	105	80-120	0	30
Toluene	N.D.	0.001	0.005	mg/kg	103	102	80-120	1	30
Xylene (Total)	N.D.	0.001	0.005	mg/kg	106	107	80-120	1	30
Batch number: 10104A16A	Sample number(s): 5952073-5952077								
TPH-GRO N. CA soil C6-C12	N.D.	1.0	1.0	mg/kg	101	95	67-119	6	30
Batch number: 10105A34A	Sample number(s): 5952078-5952094								
TPH-GRO N. CA soil C6-C12	N.D.	1.0	1.0	mg/kg	90	101	67-119	11	30
Batch number: 101030016B	Sample number(s): 5952073-5952079								
Total TPH	N.D.	10.	30	mg/kg	95		72-125		
TPH Motor Oil C16-C36	N.D.	10.	30	mg/kg					
Batch number: 101040025B	Sample number(s): 5952080-5952094								
Total TPH	N.D.	10.	30	mg/kg	87		72-125		
TPH Motor Oil C16-C36	N.D.	10.	30	mg/kg					
Batch number: 101030016A	Sample number(s): 5952073-5952079								
TPH-DRO soil C10-C28 w/Si Gel	N.D.	4.0	12	mg/kg	97		76-117		
Batch number: 101040025A	Sample number(s): 5952080-5952094								
TPH-DRO soil C10-C28 w/Si Gel	N.D.	4.0	12	mg/kg	97		76-117		

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1190027
Reported: 04/22/10 at 04:17 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
Batch number: B101043AA	Sample number(s): 5952073-5952075 UNSPK: P951166								
Benzene	102		55-143						
Ethylbenzene	105		44-141						
Toluene	105		50-146						
Xylene (Total)	104		44-136						
Batch number: B101051AA	Sample number(s): 5952076-5952084 UNSPK: 5952076								
Benzene	106		55-143						
Ethylbenzene	95		44-141						
Toluene	100		50-146						
Xylene (Total)	97		44-136						
Batch number: B101061AA	Sample number(s): 5952087-5952094 UNSPK: P953708								
Benzene	97		55-143						
Ethylbenzene	91		44-141						
Toluene	99		50-146						
Xylene (Total)	92		44-136						
Batch number: B101091AA	Sample number(s): 5952085-5952086 UNSPK: 5952085								
Benzene	116		55-143						
Ethylbenzene	120		44-141						
Toluene	119		50-146						
Xylene (Total)	122		44-136						
Batch number: 101030016B	Sample number(s): 5952073-5952079 UNSPK: P951335 BKG: P951335								
Total TPH	88		49-123			N.D.	N.D.	0 (1)	20
TPH Motor Oil C16-C36						N.D.	N.D.	0 (1)	20
Batch number: 101040025B	Sample number(s): 5952080-5952094 UNSPK: 5952083 BKG: 5952083								
Total TPH	91		49-123			N.D.	N.D.	0 (1)	20
TPH Motor Oil C16-C36						N.D.	N.D.	0 (1)	20
Batch number: 101030016A	Sample number(s): 5952073-5952079 UNSPK: P951335 BKG: P951335								
TPH-DRO soil C10-C28 w/Si Gel	84		30-159			8.1	13	48* (1)	20
Batch number: 101040025A	Sample number(s): 5952080-5952094 UNSPK: 5952083 BKG: 5952083								
TPH-DRO soil C10-C28 w/Si Gel	100		30-159			N.D.	N.D.	0 (1)	20

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: VOCs by 8260B - Solid
Batch number: B101043AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5952073	100	100	101	92
5952074	100	99	101	92

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1190027
Reported: 04/22/10 at 04:17 PM

Surrogate Quality Control

5952075	101	100	100	92
Blank	101	103	99	95
LCS	99	107	102	101
LCSD	99	103	101	100
MS	98	101	104	99
Limits:	71-114	70-109	70-123	70-111

Analysis Name: VOCs by 8260B - Solid
Batch number: B101051AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5952076	100	98	99	94
5952077	101	96	99	92
5952078	101	96	100	93
5952079	102	98	100	92
5952080	101	100	99	103
5952081	102	96	100	93
5952082	99	96	89	85
5952083	103	99	98	95
5952084	103	102	99	94
Blank	101	101	99	94
LCS	99	100	102	100
LCSD	100	103	101	101
MS	100	104	101	100
Limits:	71-114	70-109	70-123	70-111

Analysis Name: VOCs by 8260B - Solid
Batch number: B101061AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5952087	100	98	99	95
5952088	99	96	112	101
5952089	99	99	99	97
5952090	101	99	98	96
5952091	103	103	115	103
5952092	97	97	97	89
5952093	103	105	109	105
5952094	102	101	98	96
Blank	100	100	98	97
LCS	100	104	100	101
LCSD	99	103	100	100
MS	99	97	103	99
Limits:	71-114	70-109	70-123	70-111

Analysis Name: VOCs by 8260B - Solid
Batch number: B101091AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5952085	100	104	98	97
5952086	99	95	100	94
Blank	99	102	98	97
LCS	98	98	100	100
LCSD	99	99	101	101
MS	98	96	103	99

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1190027
Reported: 04/22/10 at 04:17 PM

Surrogate Quality Control

Limits: 71-114 70-109 70-123 70-111

Analysis Name: TPH-GRO N. CA soil C6-C12
Batch number: 10104A16A

	Trifluorotoluene-F
5952073	79
5952074	78
5952075	73
5952076	75
5952077	84
Blank	84
LCS	82
LCSD	77
Limits:	61-122

Analysis Name: TPH-GRO N. CA soil C6-C12
Batch number: 10105A34A

	Trifluorotoluene-F
5952078	77
5952079	77
5952080	73
5952081	78
5952082	94
5952083	78
5952084	79
5952085	74
5952086	75
5952087	78
5952088	89
5952089	77
5952090	72
5952091	90
5952092	85
5952093	156*
5952094	77
Blank	86
LCS	83
LCSD	89
Limits:	61-122

Analysis Name: TPH-DRO soil C10-C28 w/Si Gel
Batch number: 101030016A

	Orthoterphenyl
5952073	101
5952074	104
5952075	109
5952076	101
5952077	104
5952078	103
5952079	98
Blank	112
DUP	108
LCS	120

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1190027
Reported: 04/22/10 at 04:17 PM

Surrogate Quality Control

MS	117	

Limits: 59-129

Analysis Name: TPH Fuels by GC (Soils)
Batch number: 101030016B

	Chlorobenzene	Orthoterphenyl
5952073	76	88
5952074	78	92
5952075	83	98
5952076	77	90
5952077	76	92
5952078	81	91
5952079	81	89
Blank	82	101
DUP	129*	100
LCS	85	108
MS	80	108
Limits:	49-125	59-129

Analysis Name: TPH-DRO soil C10-C28 w/Si Gel
Batch number: 101040025A

	Orthoterphenyl
5952080	90
5952081	98
5952082	102
5952083	104
5952084	106
5952085	100
5952086	97
5952087	99
5952088	101
5952089	102
5952090	98
5952091	93
5952092	93
5952093	103
5952094	108
Blank	105
DUP	107
LCS	117
MS	118
Limits:	59-129

Analysis Name: TPH Fuels by GC (Soils)
Batch number: 101040025B

	Chlorobenzene	Orthoterphenyl
5952080	78	79
5952081	84	86
5952082	87	90
5952083	85	90
5952084	81	88
5952085	84	83

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco Group Number: 1190027
Reported: 04/22/10 at 04:17 PM

Surrogate Quality Control

5952086	82	82
5952087	84	82
5952088	141*	93
5952089	83	87
5952090	80	81
5952091	85	79
5952092	80	80
5952093	90	88
5952094	95	91
Blank	89	93
DUP	83	91
LCS	91	101
MS	88	99
Limits:	49-125	59-129

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

Ø412186-87 P.1of2

For Lancaster Laboratories use only
Acct. #: 10880 Sample #: 5952073-94 SCR#:

249356

1190027

Facility #: 30-7233
Site Address: 2259 FIRST STREET, LIVERMORE CA
Chevron PM: IAN ROBB Lead Consultant: CRA
Consultant/Office: EMERYVILLE
Consultant Prj. Mgr.: BRANDON WILKEN
Consultant Phone #: 510 420 0700 Fax #: 510 420 9170
Sampler: BELEW YIFRU
Service Order #: ☐ 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 ☐	TPH 8015 MOD MOTOR OIL w/ SILICA GEL					
MW-6	SOIL	NO	10	2010/04/09	0820				1	X	X	X				X					
MW-6			15	2010/04/09	0825				1												
MW-6			~~19~~ 20	2010/04/09	0830				1												
MW-6			25	2010/04/09	0835				1												
MW-6			30	2010/04/09	0840				1												
MW-6			35	2010/04/09	0850				1												
MW-6			40	2010/04/09	0900				1												
MW-6			45	2010/04/09	0920				1												
MW-6			50	2010/04/09	0925				1												
MW-6			55	2010/04/09	0935				1												
MW-6			59.5	2010/04/09	0945				1												

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
EMAIL RESULTS TO
khoey@crawworld.com
jholl@crawworld.com
EDF DATA TO
dohare@crawworld.com

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

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

Relinquished by:	Date	Time	Received by:	Date	Time
BELEW YIFRU	04/09/10	539	SECURED PLACE		
BELEW YIFRU	04/12/10	415	A. Salazar	12APR16	1615
A. Salazar	12APR16	1639	FED EX		
Relinquished by Commercial Carrier: UPS ~~FedEx~~ Other			Received by:	Date	Time
				4/13/10	0856
Temperature Upon Receipt ____ C°			Custody Seals Intact? ~~Yes~~ No		

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

04121607 P.2of2

For Lancaster Laboratories use only
Acct. #: 10880 Sample #: 5952073-94 SCR#: 249359

1190027

Facility #: 30-7233
Site Address: 2259 FIRST STREET LIVERMORE CA
Chevron PM: IAN ROBB Lead Consultant: CRA
Consultant/Office: EMERYVILLE
Consultant Prj. Mgr.: KIERSTEN HOEY
Consultant Phone #: 510-420-0700 Fax #: 510-420-9170
Sampler: BELEW YIFRU
Service Order #: ☐ 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 ☐	TPH MOTOR OIL 8150 W/SILICA GEL					
MW-4	SOIL	NO	10.5	2010/04/12	0820	YES	X		1	X	X	X				X					
MW-4			15.5		0825																
MW-4			20.5		0830																
MW-4			25.5		0835																
MW-4			30.5		0845																
MW-4			35.5		0850																
MW-4			40.5		0900																
MW-4			45.5		0910																
MW-4			50.5		0920																
MW-4			55.5		0925																
MW-4			60.5		0930																

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
PLEASE EMAIL RESULTS TO:
Khoey@craworld.com
ihull@craworld.com
EDF DATA TO
dohare@craworld.com

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

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

		Date	Time		Date	Time
Relinquished by:	BELEW YIFRU	04/12/10	415	Received by:		
Relinquished by:		12APR10	1630	Received by:	FED EX	
Relinquished by:		Date	Time	Received by:		Date / Time
Relinquished by Commercial Carrier: UPS FedEx Other				Received by:		4/13/10 0850
Temperature Upon Receipt 1.9-1.7 C°				Custody Seals Intact? Yes No		

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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